



# TAC Allocation

## Manufacturer / Brand Owner User Guide

Version 19.0

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**Security Classification –CONFIDENTIAL GSMA MATERIAL**

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**DOCUMENT HISTORY**

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v9.0	20 FEB 2019	NEW FEATURES ADDED
v10.0	15 NOV 2019	ENHANCEMENT TO IMEI DB - TERMS AND CONDITIONS, TAC REPEAT FUNCTION, EDIT RESTRICTIONS
V11.0	26 OCT 2020	TAC BAND PERFORMANCE, BAND PROFILING
V12.0	01 OCT 2021	BRAND OWNER/ MANUFACTURER SALESFORCE FORM INTEGRATION, ONLINE TRUST PAYMENTS
V13.0	01 APR 2022	NEW TAC UNIT PRICE UPDATE
V14.0	10 OCT 2022	SUPPORTED FREQUENCY BAND CONFIRMATION PROCESS, NEW TAC FORM FIELD 'NETWORK-SPECIFIC IDENTIFIER'
V15.0	12 DEC 2022	NEW TAC ALLOCATION ACCOUNT – SECONDARY USERS ADDITION
V16.0	01 APR 2023	NEW TAC UNIT PRICE, NEW ANNUAL CAP & NEW SUBSCRIPTION PRICE NEW RADIO INTERFACE 'NTN' REPLACING 'SATELLITE'
V17.0	11 SEP 2023	STRIPE – NEW PAYMENT GATEWAY INTEGRATION FOR ONLINE TAC PURCHASE TAC BAND PROFILE UPLOAD TOOL
V18.0	23 Apr 2024	GSMA WEB PAGE FOR IMEI DATABASE LOGIN
V19.0	15 Jul 2025	NEW TAC APPLICATION FORM FIELDS - NTN CONNECTIVITY, AUTHENTICATED IMS EMERGENCY CALL SUPPORT, UNAUTHENTICATED IMS EMERGENCY CALL SUPPORT, IMS EMERGENCY CALL SUPPORT WITHOUT UICC. NEW BAND FREQUENCIES – NTN AND SATELLITE CATEGORIES INCLUDED PROVISION FOR THE SUBSCRIPTION USERS TO SAVE TAC APPLICATION IN DRAFT BEFORE SUBMITTING

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**DOCUMENT REFERENCES**

TS.06 V27.0	IMEI Allocation and Approval Process
TS.30 V25.0	GSMA TAC Application Form
TS.37 V9.0 PRD	Requirements for Multi SIM Devices
TS.42 V6.0	Multi SIM Devices Requirements Test Cases
TS.44 V1.0	Operator Name Display on a Smartphones
Training Module 4	<a href="#">GSMA   TAC / IMEI education and training - Device Services</a>
Training Module 5	<a href="#">GSMA   TAC / IMEI education and training - Device Services</a>

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## 1. Introduction

The GSMA has made technical improvements to the GSMA TAC Allocation database, which will enable it to more efficiently allocate the finite number of codes in the current numbering convention. Demand for TAC codes will increase with the proliferation of embedded mobile chipsets in non- telecommunication devices and products, and this increased demand and need for improvements will directly impact the ability of the GSMA and its allocation partners to keep up with supply in the future.

This GSMA TAC Allocation User Guide provides complete information on the process through which Manufacturer / Brand Owners purchase, apply and manage their TAC. If at any time, you require additional assistance or clarification, please contact [imeihelpdesk@gsma.com](mailto:imeihelpdesk@gsma.com).

## 2. Manufacturer / Brand Owner Registration

The Manufacturer / Brand Owner must register in the GSMA IMEI Database to apply for TAC.

The Manufacturer / Brand Owner that markets the device under its name should register in the GSMA IMEI Database and apply for the TAC Code. The TAC certificate will be provided under the name of the organization applying for the TAC code.

Follow the step-by-step process to register for a GSMA TAC Allocation account:

- a) To get started, enter the GSMA 'Contact Us' page URL <https://www.gsma.com/solutions-and-impact/industry-services/contact/> in your web browser.
- b) As shown in Figure 1 below, a CONTACT US form will be displayed. The Brand Owner/Manufacturer should enter the relevant information and Click 'Submit'.

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## Contact Us

Let's discuss your individual requirements

To find out how we can best help your business, please register your interest on the form below. Then one of our team will be in touch.

\* First Name

\* Last Name

Job Title

\* Company Name

\* Business Email

\* Country / Region

\* Area of Interest

Notes

Subscribe to receive news from the GSMA on the latest events, services, products, initiatives and developments within the mobile industry by ticking this box.

**Submit**

Figure 1 CONTACT US Form

- c) The Brand Owner/Manufacturer should fill in all the mandatory details and select 'TAC Allocation' as the 'Area of Interest'.
- d) The GSMA Salesforce Team will be in touch with the Brand Owner/Manufacturer.
- e) On instructions from GSMA, the Helpdesk team will provide the Registration Link to the Brand Owner/Manufacturer.
- f) Click on the link will display a registration form as shown in Figure 2 below. The Brand Owner/Manufacturer should enter their organization name, address, country, trademark/brand name of the device to be manufactured and the registration number or the certificate number of the brand name that was registered.

**IMEI DATABASE** Home

### Manufacturer Registration Form

**1 Organisation Details**

Company Name: TEST GSMA ACCOUNT  
 Company Registration Number: 876554345677  
 Address Line1: PRIVADA UNION  
 Address Line2 [Optional]: CIUDAD DE MEXICO  
 City: MEXICO  
 State/Province/Region: CDMEX  
 Zip/Postal/Area Code: 08100  
 Country: Mexico  
 Telephone Number: 52 76543456789876  
 Website [Optional]:  
 ISO 9000 Certification Body [Optional]:  
 ISO 9000 Certificate Number [Optional]:

**Note**

- Company Name - Only one company name is allowed per registration form.
- Company Registration Number - This number is obtained from your local authority when you first registered your company. A copy of this registration certificate may be requested by the RB.
- Country - Select the country where your head office is located from the drop down list.
- Telephone Number - To be completed in an international format. This should be the office main switch board phone number.
- ISO 9000 Certification Body - The organisation issuing your ISO 9000 certificate

**2 Brand Information Details**

Note: A copy of the brand registration certificate must be sent to the RB when requested.

Brand Name: Brand Redmi  
 Brand Certificate Number: 987654345678  
[Add More](#)

**Note**

- You can enter multiple Brand names by clicking 'Add More'.

**3 Contact - Primary**

Title [Optional]:  Mr  Miss  Mrs  Ms  Dr

First Name: Dhamu  
 Last Name: Rao  
 Job Title: QA  
 Mobile Phone Number: 987656789765  
 Email: imeihelpdesk@gsma.com

**Contact - Secondary**

Title [Optional]:  Mr  Miss  Mrs  Ms  Dr

First Name: Sridharan  
 Last Name: Joshp  
 Job Title: DEV  
 Mobile Phone Number: 87678987  
 Email: imeihelpdesk@gsma.com

**Note**

- The primary contact is responsible for business operations related support
- The secondary contact is responsible for technical operations related support
- Mobile Phone Number - To be completed in an international format. This should be the contacts own phone number. Example:  
 1. USA: 12481234567;  
 2. UK: 448489123456;  
 3. China: 861069445464

**4 Business Q & A**

My Company is a GSMA Member  Yes  No  
 Do you manufacture & sell devices under your own brand name?  Yes  No  
 Do you manufacture devices which are sold under other companies brand names?  Yes  No  
 Do you sell device under your brand name, which are made by other manufacturers?  Yes  No  
 Are you aware of GSMA IMEI Allocation and Approval Process : [TS09](#) | [TS30](#)?  Yes  No

**5 Additional Information**

Note: Provide any additional information that might be helpful.

New IA Registration

**Note**

- Additional Information - Accepts characters a-z, upper or lower case, numbers, special characters -- ([!@~#%&\*~=-\_~?]) only

[Next](#)

Figure 2 Manufacturer Registration Form

Provide the main contact and the secondary contact person details for the organization. The main contact person should be the primary contact of the organization. The secondary contact person may be a supporting person in the organization or in some cases acting as an agent by submitting TAC applications

on behalf of the Manufacturer/Brand Owner. The main contact will be notified of any activity within the IMEI Database.

Read the TS.06 document carefully on the instructions relating to TAC Allocation process and TAC codes. The links to download the TS.06 and TS.30 documents are provided below.

[https://www.gsma.com/newsroom/gsma\\_resources/ts-06-imei-allocation-and-approval-process-2/](https://www.gsma.com/newsroom/gsma_resources/ts-06-imei-allocation-and-approval-process-2/)  
[https://www.gsma.com/newsroom/gsma\\_resources/ts-30-imei-database-application-forms/](https://www.gsma.com/newsroom/gsma_resources/ts-30-imei-database-application-forms/)

If there are any errors with the information provided, the system will alert you and allow you to make revisions. Resolve any issues identified by the system and click submit.

Once the form is complete, click next to navigate to terms and conditions page.

## **Terms and Conditions**

The Manufacturer / Brand Owner should read the Terms and Conditions carefully and accept the Terms and Conditions by providing the name, contact and email address of the person who is accepting the terms and conditions on behalf of the organization. Refer Figure 3 below.

**Terms and Conditions**

If you are not able to view the below content. Refer the Note section to Enable the PDF Viewer.

**GSMA™**

**Update to GSMA Terms and Conditions for TAC Allocation from 1 April 2023**

We have updated our Terms and Conditions for TAC Allocation with effect from 1 April 2023. These updates:

- the Unit TAC Allocation Fee.
- the Annual Fee Cap.
- the Subscription Fee.

**GSMA TERMS AND CONDITIONS FOR TAC ALLOCATION**

*Effective date of last revision: 10 January 2023.*

These terms and conditions govern Your agreement with GSMA for TAC Allocation. Please read these terms and conditions carefully before You register or apply for TAC Allocation from GSMA. These terms and conditions tell You how TAC Allocation works, how our agreement may be updated or terminated, and other important information.

By registering, using or accessing TAC services, You agree to these GSMA Terms and Conditions for TAC Allocation, as updated from time to time in accordance with clause 14. If You think that there is a mistake in these terms, please contact GSMA at imeihelpdesk@gsma.com.

**INTRODUCTION:**

I hereby agree to the above GSMA Terms and Conditions for TAC Allocation for and on behalf of **Dev Solutions**, as its duly authorised representative:

Name	Job Title	Email

**Note**

**Google Chrome**

1. Open the browser menu
2. Go to the settings
3. Click Advanced
4. Under "Privacy and security," click Content settings.
5. Near the bottom, click PDF documents.
6. Turn off Open PDFs using a different application.

**Mozilla Firefox**

1. Open the browser menu
2. Navigate to the Options button
3. Choose Application on the toolbar
4. In Application you can find the option "Portable Document format" window.
5. Select "Preview in Firefox"

**Safari**

1. Open the browser menu
2. Navigate to the Preferences
3. Click on the "Preferences"
4. From the new window that pops up, select security before selecting website settings.
5. List of available plugins appears
6. Choose the "Always Allow" option for Adobe Reader plugin.

**Internet Explorer**

1. Click on Tools
2. Select "Manage Add-ons".
3. When window on add-on types appears choose toolbars and extensions
4. Choose the option of all add-ons and then select "Adobe PDF Reader" from the list of add-ons
5. Select and click the "Enable" button

Figure 3 Terms and Conditions

Without accepting the terms and conditions your registration will not be complete.

Once the terms and conditions are read and accepted by providing the details, the registration will be complete.

On successful completion of the registration, the main contact will receive a system generated e-mail acknowledgement. The registration details will be forwarded to the reporting body for review and approval. You may be requested to provide additional documents relating to your organization and device brand. Should additional documents be required they will be submitted offline to the reporting body. The email id of the reporting body will be sent along with the confirmation email sent after registration. You can refer the TS.06 document to find the reporting body for your organization and the contact details.

On successful review by the reporting body, the organization registration will be approved. An organization ID will be provided to the newly registered organization. The organization ID along with the system generated password will be sent as an email to the main contact of the organization. The organization ID and the password are the authorization for the users of the organization to login and access the IMEI Database and to apply for TAC codes.

The reporting body may reject the registration if they find the registration is invalid.

### **3. Manufacturer / Brand Owner Re-Registration Re-Confirmation**

Each year on the date of initial registration, the Manufacturer / Brand Owner should re-confirm the details provided at the time of registration or at the time of the previous re-confirmation. This process is termed, Re-Registration Re-Confirmation.

Every year, on the first login by the Manufacturer / Brand Owner, on the anniversary date of registration, the system will automatically block access to the IMEIDB functions and will display the re-registration re-confirmation form as shown in Figure 4 below.

The Re-Registration Re-Confirmation form is not a completely editable form, meaning, the Manufacturer/Brand Owner can only edit or modify Address, telephone number, ISO certified body, ISO certificate number, primary and secondary contact, business Q and A. The other fields are non-editable.



The Manufacturer / Brand Owner should click “Save” button irrespective of whether modifications were made or not to submit the form. If the Manufacturer / Brand Owner submits the form without any modifications, a confirmation popup will appear as shown in Figure 5 below. Manufacturer / Brand Owner must select yes to confirm the details of the form.

There is no approval process if the Manufacturer / Brand Owner submits the form without any modification. The account will be renewed, and the Manufacturer / Brand Owner can now login and perform the business functions regularly.

There will be an approval process if the Manufacturer / Brand Owner submits the form with modifications. The Re-Confirmation form will be sent to the reporting body for review and approval.

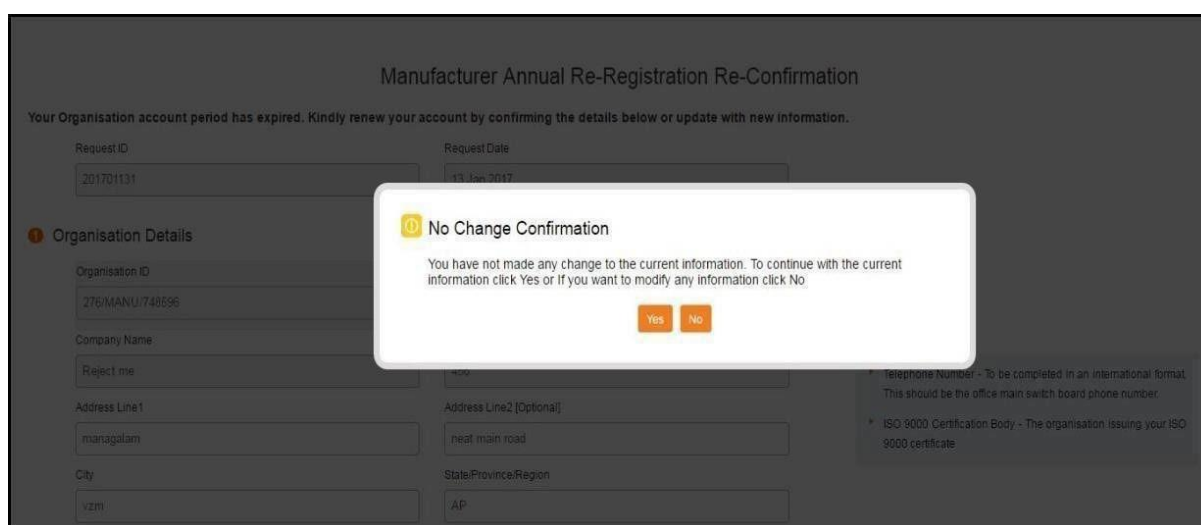


Figure 5 Manufacturer / Brand Owner Re-Registration Re-Confirmation Confirmation popup.

On approval by the reporting body, an email will be sent to the main contact of the organization. Until then the Manufacturer / Brand Owner will not be able to access their account. The system will display a message as shown in Figure 6 below. After the organization is approved by the reporting body, access to the functions of the IMEI Database will be enabled.

The Re-Registration Re-Confirmation is an important process in the IMEI Database to help keep the information about the Manufacturer / Brand Owner details up-to-date.

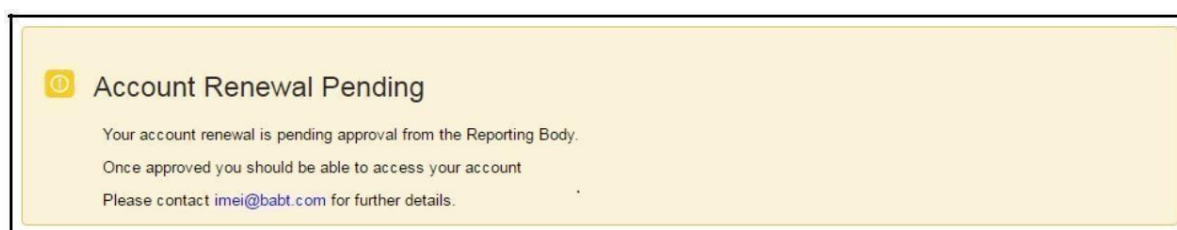


Figure 6 Manufacturer / Brand Owner Re-Registration Re-Confirmation Account renewal pending Message.

## 4. Login

To login to your TAC Allocation account, go to the GSMA Login Page URL, <https://www.gsma.com/solutions-and-impact/industry-services/device-services/tac-allocation>.

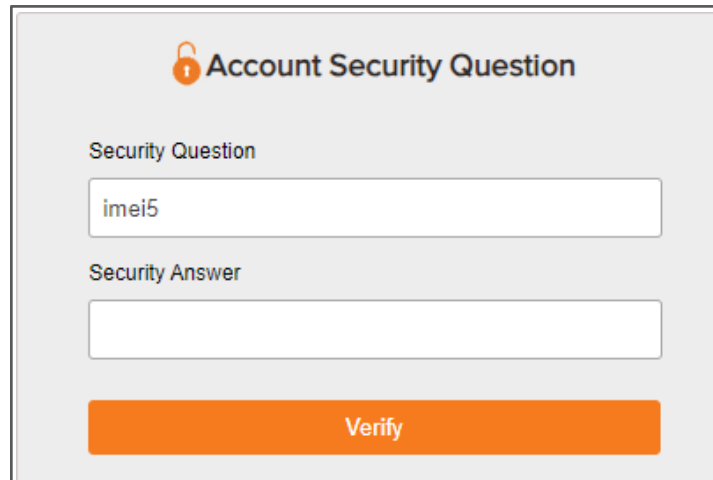
Enter the organization ID and the password provided at the time of registration as shown in the Figure below.

The screenshot shows the GSMA TAC Allocation website. The header includes the GSMA logo and navigation links: Solutions and impact, Discover, Get involved, About us, Newsroom, and a search icon. The breadcrumb trail is Home > Industry Services > Device Services > TAC Allocation. There is a language selector set to EN. The main heading is 'TAC Allocation'. The text below reads: 'TAC is the mobile industry's only device identification system, which tracks all connected device types. Find out how to get an official TAC and make an IMEI here.' An update from 20 March 2024 is highlighted in red: 'Update - On 20 March 2024, the GSMA launched a new TAC certificate in order to improve security and align with the wider GSMA corporate branding. For more information on the matter, and to see a preview of the certificate, please [click here](#)'. A navigation bar below the main content lists: Overview and login, Benefits, Training, Resources, FAQs, Updates, Related services, and Contact. The 'Need to apply for TAC?' section explains that 3GPP requires all device types to be identifiable by a TAC, which is the first 8 digits of the 15-digit IMEI. It also mentions that TAC/IMEI helps governments collect taxes and identify counterfeit devices. A link for 'Registering for the first time?' is provided. On the right, the 'TAC Allocation Login' form is displayed on a red background. It has two input fields for 'Username:' and 'Password:', a 'Forgot Password?' link, and a 'Login' button. At the bottom of the form, it states 'Use of this service is subject to relevant [Terms of Use](#)'.

Figure 7 Login Page

If the user ID and password do not match the details available in the database, the system will display an error 'Invalid Username / Password'.

On successful entry of user ID and password, you will be redirected to the Account Security Question page as shown in Figure 8. You must give a correct security answer to login successfully into the system.

A screenshot of a web form titled "Account Security Question". The form has a light gray background and a thin black border. At the top center, there is a red padlock icon followed by the text "Account Security Question". Below this, there are two input fields. The first is labeled "Security Question" and contains the text "imei5". The second is labeled "Security Answer" and is currently empty. At the bottom of the form, there is a prominent orange button with the text "Verify" in white.

*Figure 8 Account Security Question*

On successful authentication, the system will log in to the IMEI Database and the dashboard will be displayed.

### **Login for the first time**

On the first login after the registration, the user will be prompted to change the system generated password provided at the time of registration as shown in Figure 9. The system will allow access to other functions only after successfully changing the password and setting the Security Questions & Answers.

**Change Password**

This is your first login. Change the temporary password provided to you.

**Password Policy**

- At least 8 characters in length. Maximum 15.
- Contains at least 1 lowercase character (a through z)
- Contains at least 1 uppercase character (A through Z)
- Contains at least 1 numeric digit
- Contains at least 1 non-alphanumeric character (!, ~, ^, #, @, &, \*, \$, (, ), +, ? / \ \_ , -)

Enter New Password  Confirm New Password

**Security Questions**

Create 5 mandatory questions and answers which you can remember. The system will use a question to authenticate when you login.

Security Questions	Security Answers
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Figure 9 Change Password & Security Questions

## Forgot Password

If the password is forgotten or lost, it can be retrieved by clicking the Forgot Password link on the login page. The organization Id for the account is required to begin the password retrieval process.

- Go to the login page URL, <https://www.gsma.com/solutions-and-impact/industry-services/device-services/tac-allocation>
- Click on the Forgot Password link displayed below the login form as shown in Figure 10.

**Need to apply for TAC?**

3GPP requires all device types that can connect to a mobile wireless network to be identifiable by a Type Allocation Code (TAC), including IoT devices, payment terminals and connected vehicles. Crucially, it's the 8-digit number that forms the first part of the 15-digit IMEI (International Mobile Equipment Identity), which uniquely identifies each individual connected device, so they can be transported around the world.

TAC / IMEI also helps enable governments to collect the correct taxes, devices to operate globally on mobile networks, and the identification of counterfeit or stolen devices.

**Registering for the first time?**

Please use the button below to start the process. As there are strict rules governing TAC allocation, we suggest you also [download our training modules here](#).

**TAC Allocation Login**

Username:

Password:

Use of this service is subject to relevant [Terms of Use](#)

Figure 10 Forgot Password

- c) The system would change the display to enter the Organization ID.
- d) Provide the Organization ID in the 'User ID' field.
- e) As additional security, a Captcha text must be entered as shown in Figure 11.
- f) Click 'Send me reset instruction'.

Enter the organisation ID in the User Id input:  
Format: NNN/MANU/NNNNNNNN

Figure 11 Forgot Password

Once the user submits the information, the system verifies the details and sends the reset password instructions to the registered email id of the main contact. After the reset password instruction is sent to the main contact a message 'Forgot Password request successful' will be displayed as shown in Figure 12.



Figure 12 Forgot Password request success

## Change Password

The user can also change the password anytime using the menu 'User Management > Change Password'. The screen below will be displayed.

- 1) Enter the old password
- 2) Enter the new password
- 3) Enter the new password again in the Confirm Password field
- 4) Click Confirm

The new password should follow the IMEI Database password rules mentioned in the password policy as shown in Figure 13.

**Change Password**

IMEIDB's security guidelines requires you to change your password every 60 days.  
Change your password to continue using IMEI Database.

**Password Policy**

- At least 8 characters in length. Maximum 15.
- Contains at least 1 lowercase character (a through z)
- Contains at least 1 uppercase character (A through Z)
- Contains at least 1 numeric digit
- Contains at least 1 non-alphanumeric character (!,~,^,#,@,&\*,\$,.(,)+,?/\_,-)

Old Password


New Password

Confirm New Password

[Confirm](#)

Figure 13 Change Password

On successful change of new password, the system will display a confirmation message as shown in Figure 14.

 **Password Changed**

Your password was updated successfully.

[Go to Dashboard](#)

Figure 14 Password Changed

The password will be valid for a period of 60 days. After 60 days, the password will expire, and the user is required to change the password after login.

## 5. Dashboard

After successful login by the Manufacturer / Brand Owner the home page displays the page that matched the criteria below.

When a Manufacturer / Brand Owner login for the first time the Manufacturer / Brand Owner will not have any TAC credits. Hence the Buy TAC form will be displayed. The manufacturer / Brand Owner needs to buy TAC credits to apply for TAC. Refer section **Buy TAC** for steps.

When a manufacturer has purchased TAC credits by offline method and the payment is still not approved, in such case, 'Pending TAC Credit Request' message will be displayed as shown in Figure 15.

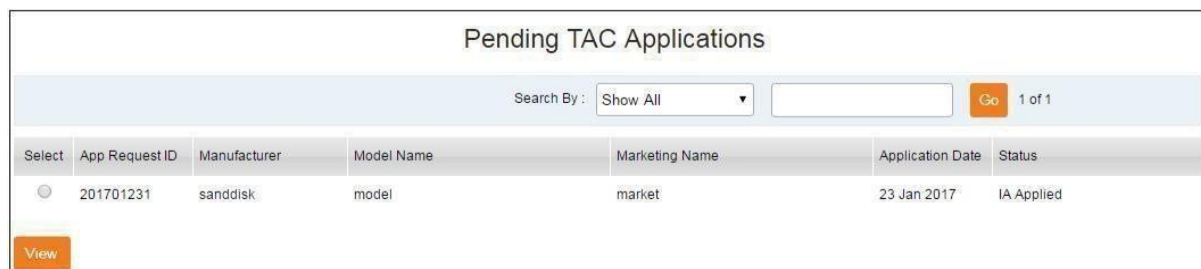


Figure 15 Pending TAC Credit Message

If the Manufacturer / Brand Owner has TAC credits, the system will display the TAC Application Request Form after logging in. Refer Section 6 for details on how to apply for a new TAC.

If there are any TAC applications pending RB approval and TAC allocation, the system will display the list of 'Pending TAC Applications' message as shown in Figure 16.

To view the details of an application, select the application by clicking the radio button respective to the application request ID and click on View.

The screenshot shows a web interface titled "Pending TAC Applications". At the top, there is a search bar with "Search By:" followed by a dropdown menu set to "Show All", an empty search input field, and a "Go" button. To the right of the search bar, it says "1 of 1". Below the search bar is a table with the following columns: "Select", "App Request ID", "Manufacturer", "Model Name", "Marketing Name", "Application Date", and "Status". There is one row of data: a radio button, "201701231", "sanddisk", "model", "market", "23 Jan 2017", and "IA Applied". Below the table is a "View" button.

Select	App Request ID	Manufacturer	Model Name	Marketing Name	Application Date	Status
<input type="radio"/>	201701231	sanddisk	model	market	23 Jan 2017	IA Applied

Figure 16 Pending TAC Applications List

## 6. Access to GSMA Network Settings Exchange

When a manufacturer/brand owner logs in, a popup message will appear notifying the new GSMA Network Settings Exchange platform. The popup message will appear every time the user logs in until the user has either registered to the Network Settings exchange (NSX) or rejected the access.

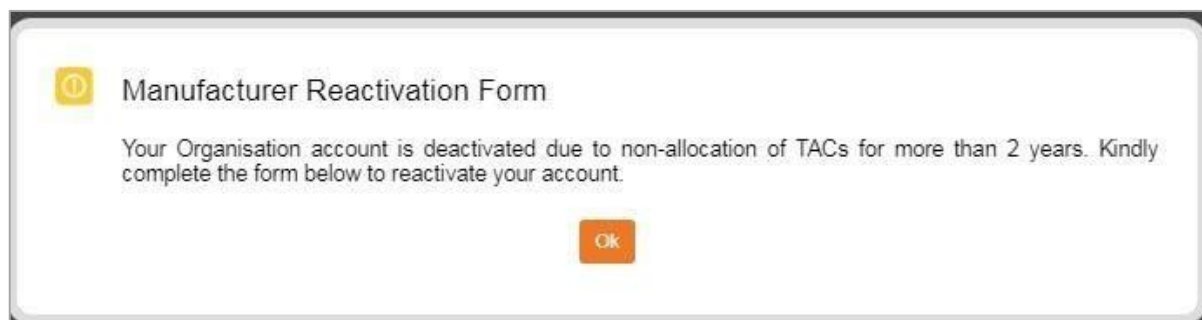
The NSX will contain settings from all mobile network operators (MNO), including mobile virtual network operators (MVNO) and provide them to all Original Equipment Manufacturers (OEM) in order to allow for the appropriate customization of their devices, through one database.

For more details on how to register and access Network Settings Exchange, you can download the **Network Settings Exchange OEM User Manual** from the official documents menu in your login or from the GSMA website or get in touch with [nsxhelpdesk@gsma.com](mailto:nsxhelpdesk@gsma.com).

The GSMA network settings exchange is outside the scope of this user guide.

## 7. Manufacturer / Brand Owner Deactivation and Reactivation

When a manufacturer/brand owner has not been allocated any TAC for a period of 24 months, their TAC Allocation account will be deactivated. The manufacturer will see the following message.



*Figure 17 Manufacture account deactivated message*

To reactivate the account, the user needs to login and submit the reactivation form.

The reactivation form will be like the registration form and the manufacturer/brand owner will be required to fill in all the details except the brands.

Once the form is submitted, an email will be sent to the reporting body. The reporting body should accept the reactivation form. Once accepted, the manufacturer/brand owner account will be reactivated.

## 8. Buy TAC

To apply for TAC codes the Manufacturer / Brand Owner should have TAC credits in their IMEI Database account. TAC Credits can be purchased following the step-by-step guide below:

- 1) Login to the IMEI Database account
- 2) Go to the menu **TAC Management > Buy TAC'**
- 3) The screen as shown in Figure 18 Regular Buy TAC form will be displayed

**TAC Credit Purchase** Go to Subscription

Note : You are eligible for Regular TAC Purchase.

Purchase Quantity:

Price per quantity:  Purchase value:

Final Invoice Value:

PO Number:

Pay Offline Pay Online

**Note**

- **Pay Online** : Currently supports credit card payment only.
- **Pay Offline**: The system will generate an invoice with details to do a wire transfer. You will be able to request TACs only after the payment is done.

*If you have a PO number for your organisation. You can input here for future reference.*

Figure 18 Regular Buy TAC form

- 4) Provide the number of TAC Credits required in the Purchase Quantity field.
- 5) The price per quantity is \$450. The purchase value is calculated based on the TAC purchase quantity and price per quantity.
- 6) GSMA members are eligible for a membership discount of 10%. The price per TAC credit for a GSMA member is \$405.
- 7) The total amount will be calculated by deducting the discount from the purchase value. The total amount will be displayed in the 'Final Invoice Value' field.

The Manufacturer / Brand Owner can buy TAC credits either by

Offline Payment,      or  
Online Payment

## IMEI Database – Manufacturer / Brand Owner – User Guide

If the Manufacturer / Brand Owner chooses to pay online, the TAC credits will be added to the Manufacturer / Brand Owner account immediately on successful processing of a credit card transaction.

The offline payment process may delay providing the TAC credit by 4-5 days depending on the date of payment, the information provided in the receipt shared with GSMA accounts, and the remittance period from Manufacturer / Brand Owner bank to GSMA bank.

The step-by-step guide to buy TAC using either of the methods is provided below.

### Select Pay Online

Online payment currently supports payment through credit card only.

On completing the Buy TAC form with the required TAC quantity, select 'Pay Online'. The Manufacturer / Brand Owner will be redirected to the secure payment gateway to provide the credit card details as shown in Figure 19 below.

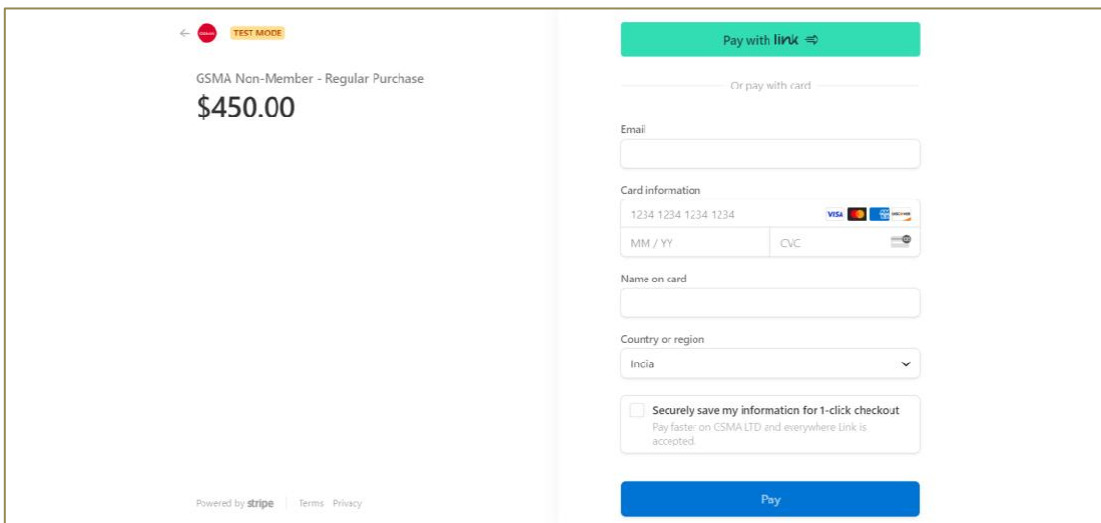


Figure 19 Credit Card Details Page

The user should provide the credit card billing details.

Enter the Email ID, Card Details, Card Holder Name, select Country or Region and click 'PAY' as shown in Figure 20. You can securely save your card details by clicking the checkbox, 'Securely save my information for 1-click checkout'.

You can also pay using the Pay with Link option.

## IMEI Database – Manufacturer / Brand Owner – User Guide

← TEST MODE

GSMA Non-Member - Regular Purchase

**\$450.00**

Powered by stripe Terms Privacy

Pay with link ⇒

Or pay with card

Email

test@gmail.com

Card information

4000 0000 0000 9995 VISA

04 / 31 123

Name on card

rag

Country or region

India

Securely save my information for 1-click checkout  
Pay faster on GSMA LTD and everywhere Link is accepted.

Pay

Figure 20 Credit Card Information

For your information, there will be an additional verification if the payment was made using the 3D Secure Card.

### Note:

Stripe is an all-in-one payment services provider that offers businesses and platforms combined payment processing and payment gateway functionality. The credit card information is processed by Stripe for payment processing. Stripe allows safe and efficient processing of funds via credit card. The GSMA IMEI Database does not store any credit card information provided. However, in the case of any concerns related to transaction, the IMEI Database helpdesk would co- ordinate with the Stripe support to solve any issues.

Refer <https://stripe.com/> for more information

If any invalid information is provided by the user, the system will highlight the field with invalid data displaying the error. Refer Figure 21.

## IMEI Database – Manufacturer / Brand Owner – User Guide

The screenshot shows a Stripe payment interface. On the left, it displays 'GSMA Non-Member - Regular Purchase' for '\$450.00'. On the right, there are two main sections: 'Pay with link =>' (highlighted in green) and 'Or pay with card'. The 'Or pay with card' section contains a form with the following fields: 'Email' (test@gmail.com), 'Card information' (4000 0000 0000 9995, 04 / 31, 123), 'Name on card' (rag), and 'Country or region' (India). A red error message states: 'Your credit card was declined because of insufficient funds. Try paying with a debit card instead.' Below the form is a checkbox for 'Securely save my information for 1-click checkout' and a blue 'Pay' button.

Figure 21 Invalid Credit Card Information

On successful payment, Stripe will redirect to the GSMA TAC purchase page with a success message as shown in the figure below.

The screenshot shows the GSMA IMEI Database dashboard. The top navigation bar includes the GSMA logo, 'IMEI DATABASE', a 'Go to NSX dashboard' button, and user information: 'Logged in as: 310/MANU/213394', 'Ring LLC, United States', and '310/MANU/213394'. On the left is a sidebar menu with items: 'TAC Management', 'Band Profile', 'User Management', 'Reports', 'Doc Management', and 'Official Documents'. The main content area features a green success message box with a checkmark icon, titled 'Payment Successful'. The message reads: 'Your payment is successful. A copy of the invoice has been sent to your registered email id.' Below this, it lists: 'Your Payment Reference', 'Invoice Number : TAC202309072', and 'Amount Paid : 450.00'. The top right corner has 'User Profile' and 'Logout' buttons.

Figure 22 Online Payment - Success Message

The system will generate an invoice for the payment and send it via email to the main contact of the organization. The number of TAC credits requested will be added to the Manufacturer / Brand Owner account.

## Select Pay Offline

The user can buy TAC credit by making a payment to GSMA bank account through wire transfer. To pay to the GSMA bank the Manufacturer / Brand Owner should have an invoice created for the payment within IMEI Database.

To create an invoice, complete the Buy TAC form with the TAC quantity required and select 'Pay Offline'. The invoice will be generated, and the following message will be displayed to the user as shown in Figure 23.

**Thank you for the purchase!**  
The purchase will be processed and TAC will be released once the payment is made:

Invoice Number	: TAC202303202	Organisation Name	: LYT inc.
Payment Due Date	: 19-Apr-2023	Organisation ID	: 310/MANU/212897
		Main Contact	: Mr Mad Darwin
		Country	: United States

The Order Summary

Pricing Type	Purchased Quantity	Amount
Regular	1	\$ 450.00
		<hr/>
		Total Amount : \$ 450.00

Figure 23 Offline Purchase Confirmation

The invoice will be sent as an email to the main contact of the organization with the details of the bank account to remit payment.

The organization should make the payment within one month from the date of invoice. GSMA may cancel the invoice if not paid within the period of one month. The system will send a reminder to the main contact of the organization on the outstanding invoice to be paid.

While making the payment through the bank, the organization should mention the organization name and invoice number. This helps GSMA to identify the payment relating to the invoice.

Upon payment to the bank, the user should forward the receipt of the transaction to GSMA accounts.

On receiving the invoice GSMA accounts would approve the invoice in the system. This may take 4 to 5 days depending on the time required for the amount to be remitted from the organization bank to GSMA bank.

Once GSMA Accounts approves the invoice, an email will be sent to the main contact of the organization. The TAC Credits requested will be added to the Manufacturer / Brand Owner account.

If an offline invoice is pending approval from GSMA the system will not allow the user to buy additional TAC credits. The user will get a message 'Pending TAC Credit Request' as shown in Figure 24.



*Figure 24 Pending TAC Credit Request*

## **Financial Year**

The financial year is a period within the IMEI Database for the Manufacturer / Brand Owner. The financial year is not the same for every Manufacturer / Brand Owner.

The financial year for a Manufacturer / Brand Owner starts on the date of the first TAC credit purchase through online payment or the date of an approved invoice for an offline payment, whichever comes first.

The Financial year will be for a period of one year. The subsequent financial years will start and end on the same dates as the previous financial year.

## **Annual Cap**

The manufacturer is set to an annual price cap of maximum \$85,000 per financial year. Any TACs required by the manufacturer in the same financial year are provided, free of cost. Refer FREE TACs for more details.

## FREE TACS

Once the Manufacturer / Brand Owner has purchased TAC credits which is near or equals to \$85,000 within a single financial year, they are eligible for FREE TAC.

Once the Manufacturer / Brand Owner has reached the threshold within the financial year, the Buy TAC form will be displayed as shown in Figure 25

Figure 25 Free TAC Form

The manufacturer/brand owner can purchase up to 10 FREE TACs in one transaction.

Manufacturer/brand owner can request FREE TACs only when the FREE TAC credits in hand is less than 10 or the total TAC credits in hand is less than 20.

The manufacturer/brand owner can purchase only the balance FREE TAC quantity to reach the maximum pending FREE TAC credit of 10.

## FREE TAC Expiry

The FREE TAC credits are availed by the manufacturer after reaching the upper limit of 188 TACs.

The TACs applied during a financial term, after expiry of standard (unit) TAC credits, decreases the FREE TAC credits for the number of TACs allocated via the TAC application.

On the manufacturer's first login in a new financial year (of the manufacturer/brand owners), any FREE TAC credits pending in the manufacturer account will become zero.

The manufacturer should apply for unit TAC credits or avail subscription (Refer Subscription) option if they have no other pending TAC credits.

## TAC Credits

The number of TAC credits available for the Manufacturer / Brand Owner can be checked by clicking the user profile icon from the top right corner of the web portal. The icon and TAC credit information will be displayed as shown in Figure 26.



Figure 26 TAC Credits in Hand

## 9. Buy TAC - Subscription Purchase

The manufacturer can purchase unlimited TAC credits at a fixed rate based on their GSMA membership status. The subscription is active for a period of one year from the date of payment successful.

The subscription buy TAC form will be shown with the fixed rate value as figure below.

The fixed rate for GSMA members is \$58,500 and for non-GSMA members is \$65,000.

The manufacturer/brand owner can purchase subscription either by online payment or by offline.

The manufacturer/brand owner can purchase through online payment by credit card. Refer **Select Pay Online** for online payment steps.

The subscription term is activated once the online payment is successful.

For offline payment, the manufacturer/brand owner will receive an invoice with the purchase details and bank details for making the payment. Refer section **Select Pay Offline** for offline payment steps.

The manufacturer/brand owner can apply for any number of TACs during the subscription period.

### TAC Credit Purchase Subscription

[Go to Regular Pricing](#)

Purchase Quantity

Purchase value

Final Purchase Value

PO Number

- ▶ The Subscription term will be one year following the date of payment for the subscription plan and invoice approval
- ▶ During the subscription term the Brand Owner shall no longer have to obtain TAC Credits to start a TAC Application.
- ▶ Subscription accounts may have 50 open TAC applications at any one time.

[Pay Offline](#)
[Pay Online](#)

**Note**

- **Pay Online** : Currently supports credit card payment only.
- **Pay Offline**: The system will generate an invoice with details to do a wire transfer. You will be able to request TACs only after the payment is done.

Figure 27 Subscription Buy TAC form

During a subscription term, the manufacturer/brand owner will not be able to purchase any TAC credits using the regular TAC Buy form. However, any TAC credits purchased prior to Subscription will still be applicable unless they are purchases through regular Buy TAC and not FREE TACs.

The subscription users have an additional privilege to save the TAC Applications in draft before submitting for the Reporting Body's approval. Refer to the Save as Draft TAC Application section (Section 12) for more details.

### Subscription Term Renewal Notice

The manufacturer/brand owner will receive a notification before 60, 30 and 15 days of subscription term end. The manufacturer should renew their subscription to keep any of their pending TAC applications active.

### Subscription Term Expiry

In case the subscription is not renewed after one year, any TAC application which is not yet approved will be blocked from approval and the manufacturer/brand owner should pay for the pending TAC applications individually.

## 10. Band Profiles

The IMEI Database requires brand owners to provide the bands supported by a device along with the performance values each band supports. To add band details to a TAC application, a band profile should be created first. The band profile collects the frequency bands supported and the network performance values in a spreadsheet like format. A TAC application cannot be made without a Band Profile.

A Band Profile is unique to a brand owner and can only be used for TAC applied by the brand owner.

The sections below describe how to create a new Band Profile or modify an existing Band Profile in the IMEI Database

### Create Band Profile

The Create Band Profile allows the brand owner to create a profile by filling in bands supported and the network performance of each band.

Click on **“Band Profile”** found on the navigation menu on the left.

This will present you with another option in the menu to open **“Create/Update Profile”**.

The screenshot shows the 'List of Band Profiles' page in the IMEI Database. The page includes a navigation menu on the left with 'Band Profile' selected. The main content area displays a table of band profiles with columns for Select, Profile Name, Created Date, Last Modified On, Mapped TACs, Status, and Has Deprecated Frequency Bands. A 'Create New Profile' button is visible at the top left of the table area.

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status	Has Deprecated Frequency Bands
<input type="radio"/>	NewTestProfile	04 Sep 2023	04 Sep 2023	NA	Complete	No
<input type="radio"/>	DCS - sheet -SC1	01 Sep 2023	02 Sep 2023	35836449	Complete	No
<input type="radio"/>	DCS - sheet -SC - Copy1vd	01 Sep 2023	01 Sep 2023	35886074	Complete	No
<input type="radio"/>	New DCS	01 Sep 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	DCS - sheet1	01 Sep 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	New1	22 Aug 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	TACCERTIFICATE	01 Sep 2023	01 Sep 2023	35896180,35793691	Complete	No
<input type="radio"/>	Less Band	22 Aug 2023		35847647,35077486	Complete	No
<input type="radio"/>	Augutssheet89	22 Aug 2023		35327746	Complete	No
<input type="radio"/>	Augutssheet - 4	21 Aug 2023		NA	Complete	No

Figure 28 Band Profile Menu

Click on the **‘Create/Update Profile’** menu. To create a new profile, click **‘Create a New Profile’**.

The online spreadsheet with bands will be displayed as shown in the figure below.

You will now move to see all the possible bands supported across the **horizontal tabs**, commencing with 5G NR and moving down to 2G/3G.

## IMEI Database – Manufacturer / Brand Owner – User Guide

The 5G, 4G and CA bands are further categorized into the number of the band within the bands they support.

For example, 5G 2 bands, 5G 3 bands, 4G CA 2 bands, and so on. Click on the tab to see the band frequencies supported under the category.

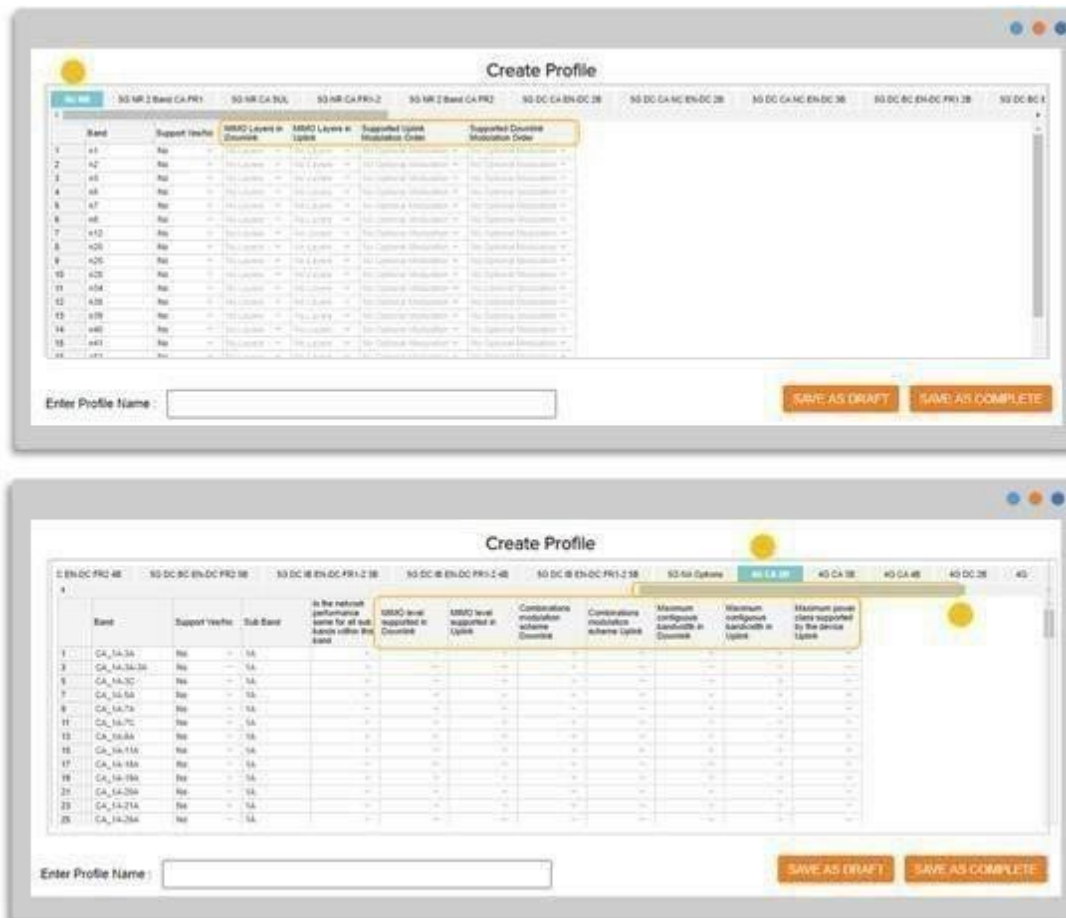


Figure 29 Create Band Profile - Online Spreadsheet

Select “Support” “Yes” or “No” for **each** band supported by a device. Once “Yes” is chosen the system will list all the sub band options within the band. example the sub bands for CA\_1A\_3A are “1A” and “3A”.

For 5G and 4G bands, please also select the respective network performance values.

## IMEI Database – Manufacturer / Brand Owner – User Guide

- 1 Click on the support **Yes** or **No**, select Yes
- 2 When selecting Yes, the system opens the information for all Sub Bands of the band selected
- 3 Use the next column to clarify whether the network performance bands within the band have the same value or not. Click **Yes** or **No**
- 4 If **No**, then complete the performance values for each Band within a Sub Band. If **Yes**, you only need to complete the first row, as the other sub bands values are automatically filled

The figure shows two screenshots of the 'Create Profile' interface. The top screenshot shows the '5G NR CA FR1-2' tab selected. The table below shows the 'Support Yes/No' column for band CA\_n8-n258 set to 'Yes', and the 'Sub Band' column showing 'n8'. The bottom screenshot shows the 'Is the network performance same for all sub bands within this band' column set to 'Yes', and the 'MIMO Layers in Downlink' and 'MIMO Layers in Uplink' columns set to 'Two Layers' and 'Four Layers' respectively.

Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi
2		n258		Two Layers	Four Layers	QPSK	BPSK-halfpi
3	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Figure 30 Create Band Profile – Sub Bands & Network Performance

Select relevant supported bands and the related supporting network performance values.

Select the network performance values from the dropdown list. Some network performance columns display the default value when the Create Profile loads.

Note: The 5G Network Architecture (5G NA Options), 4G Cat and Radio Interface are mandatory to be filled before saving the profile as complete.

The figure shows a screenshot of the 'Create Profile' interface. The '5G NR 2 Band CA FR1' tab is selected. The table below shows the 'Support Yes/No' column for band CA\_n34-n77A set to 'Yes', and the 'Sub Band' column showing 'n3A'. The 'MIMO Layers in Downlink' column is set to 'No Layers'.

Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	Yes	n3A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
2		n77A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
3	No	n3A		Two Layers	No Layers	No Optional Modulation	No Optional Modulation
5	No	n3A		Two Layers	No Layers	No Optional Modulation	No Optional Modulation
7	No	n8		Four Layers	No Layers	No Optional Modulation	No Optional Modulation
8	No	n8A		Higher than eight layers	No Layers	No Optional Modulation	No Optional Modulation
11	No	n23A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
13	No	n41A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
15	No	n75A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
17	No	n77A		No Layers	No Layers	No Optional Modulation	No Optional Modulation
19	No	n78A		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Figure 31 Create Band Profile - Online Spreadsheet

## IMEI Database – Manufacturer / Brand Owner – User Guide

**Create Profile**

5G NR Options

Band	Support Yes/No
1 Does your device support 5G network architecture option 2 Series?	No
2 Does your device support 5G network architecture option 3 series?	Yes
3 Does your device support 5G network architecture option 5 series?	No
4 Does your device support 5G network architecture option 7 series?	No

Enter Profile Name :

SAVE AS DRAFT SAVE AS COMPLETE

Figure 32 Create Band Profile - Online Spreadsheet

**Create Profile**

Radio Interface

Band	Support Yes/No	Radio Interface
1 Radio Interfaces Supported	Yes	3... CDMA 4GPP ✓

Enter Profile Name :

SAVE AS DRAFT SAVE AS COMPLETE

Figure 33 Create Band Profile - Online Spreadsheet

The system allows you to save the profile as draft if required, **to allow the form to be completed or updated at a later time.**

Enter a meaningful Profile name and click the SAVE AS DRAFT button.

The profile name can be changed later DRAFT is **updated and/or save as complete.**

**Create Profile**

5G NR CA FR1-2

Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1 CA_n8-n258	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi
2 CA_n71-n257	No	n258		Two Layers	Four Layers	QPSK	BPSK-halfpi
3 CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5 CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7 CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9 CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Enter Profile Name :

SAVE AS DRAFT SAVE AS COMPLETE

Figure 34 Create Band Profile - Online Spreadsheet

## IMEI Database – Manufacturer / Brand Owner – User Guide

Once you have entered all the supporting information, make sure you name the Band Profile before selecting 'Save as Complete'.

The system will validate the values and display a message in case there are errors which need correction.

Once you clear the errors, click on Save as Complete again. You will see the message "Band Profile Saved Successfully".

	Band	Support Yes/No	Sub Band	Is the network performance same for all sub bands within this band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
1	CA_n8-n258	Yes	n8	Yes	Two Layers	Four Layers	QPSK	BPSK-halfpi
2			n258		Two Layers	Four Layers	QPSK	BPSK-halfpi
3	CA_n71-n257	No	n71		No Layers	No Layers	No Optional Modulation	No Optional Modulation
5	CA_n77-n257	No	n77		No Layers	No Layers	No Optional Modulation	No Optional Modulation
7	CA_n78-n257	No	n78		No Layers	No Layers	No Optional Modulation	No Optional Modulation
9	CA_n79-n257	No	n79		No Layers	No Layers	No Optional Modulation	No Optional Modulation

Enter Profile Name :

Figure 35 Create Band Profile - Online Spreadsheet

Once the profile is saved as complete, the system will process the profile data to store it in an organized data format. This will take a couple of minutes. Until such time, the status of the profile will display 'Processing'.

Once the processing is complete, the status of the profile will change to 'Complete'. The profile is now ready to be attached to a TAC application.

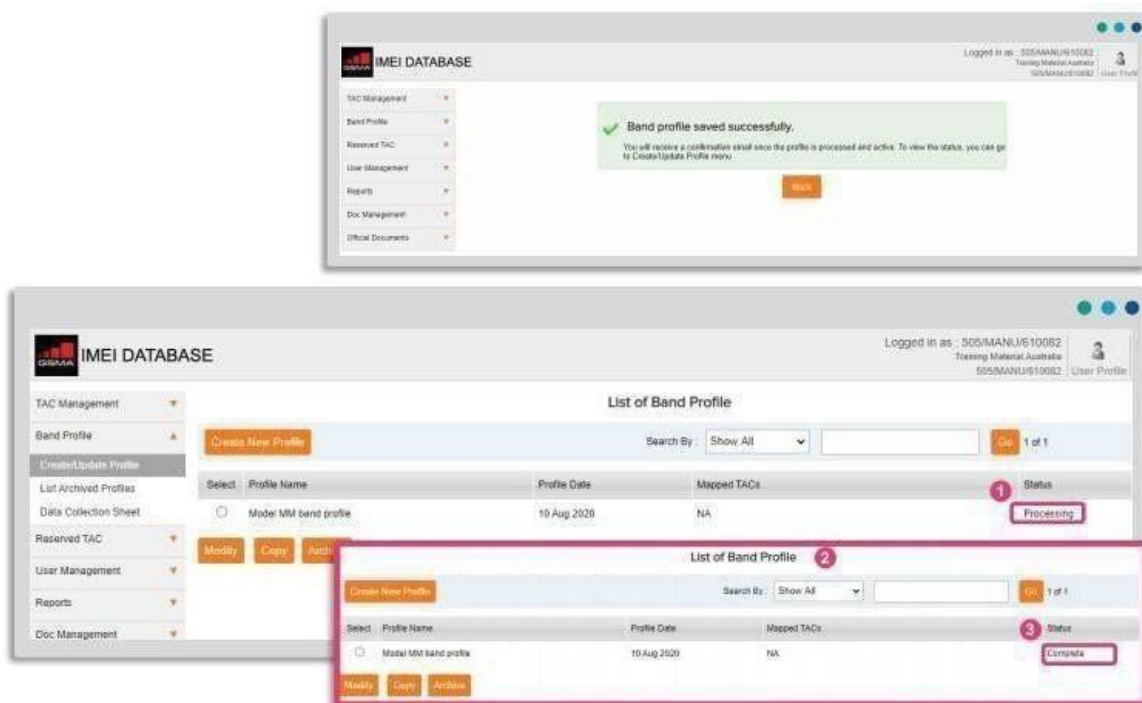


Figure 36 Band Profile Save

- 1 Profile under “Draft” or “Processing” status cannot be attached to a TAC application
- 2 The **List of Band Profile** after successful processing of the profile
- 3 The Status of a successfully processed profile changes to Complete

## Upload Profile

The Upload Profile function allows the brand owner to upload the completed band profile which has been filled offline with the bands supported and the network performance of each band.

You can download the latest Band Profile Data Collection Sheet from the following menu path.

### Band Profile -> Data Collection Sheet

The system will process the file only if the latest Data Collection Sheet template is used which is available in the above menu.

All the validations applicable to the online band profile creation are also applicable for the Band Profile file that is being uploaded. If the uploaded file does not adhere to the band validations, the system will reject the file and provide the error log via a system generated email.

Click on **“Band Profile”** found on the navigation menu on the left.

## IMEI Database – Manufacturer / Brand Owner – User Guide

This will present you with another option in the menu to open **“Upload Profile”**.

Click on the **‘Upload Profile’** menu. The Upload Band Profile page will be displayed.

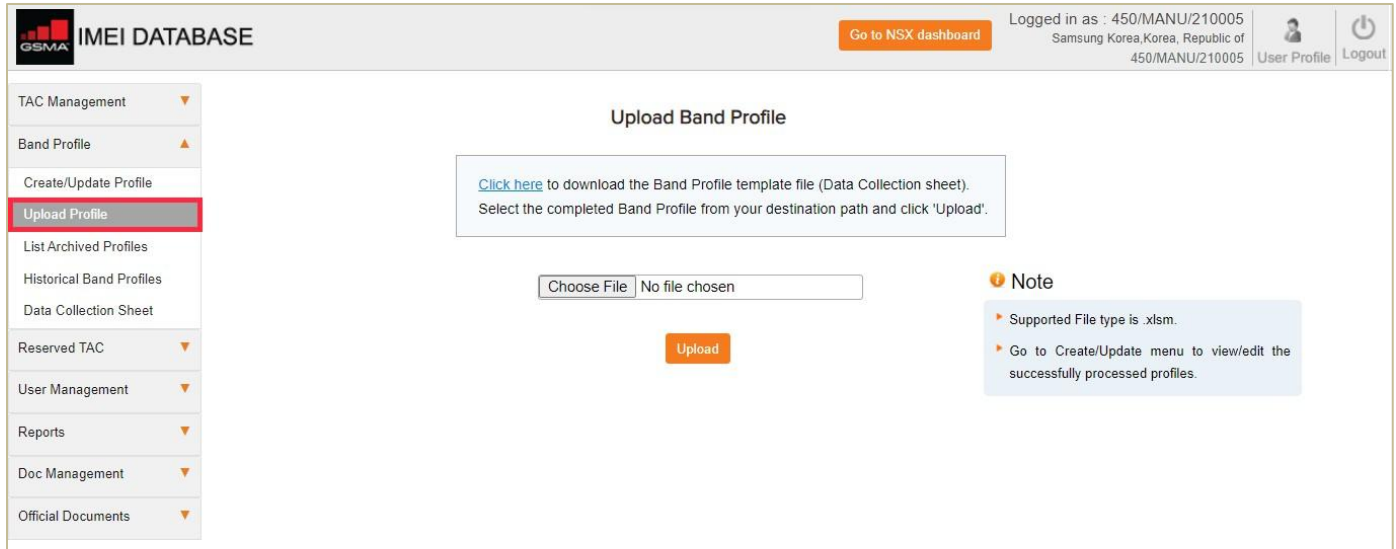


Figure 37 Upload Profile

You can also download the latest Band Profile template file by clicking the hyperlink ‘Click Here’ in the notice box.

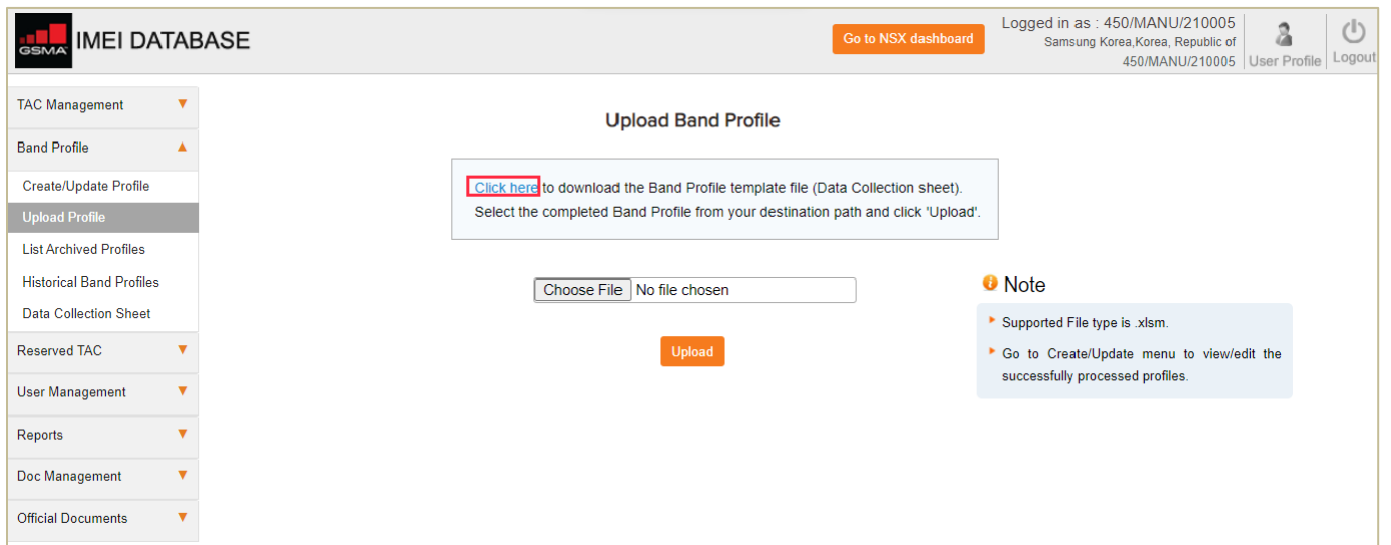


Figure 38 Upload Profile

## IMEI Database – Manufacturer / Brand Owner – User Guide

You should fill in the Band Profile Sheet with all the applicable supported frequency bands and its network performances and save it in any of your system folder paths.

Click the 'Choose File' option, which will open the system folder paths for you to browse and select the file as show in the figure below.

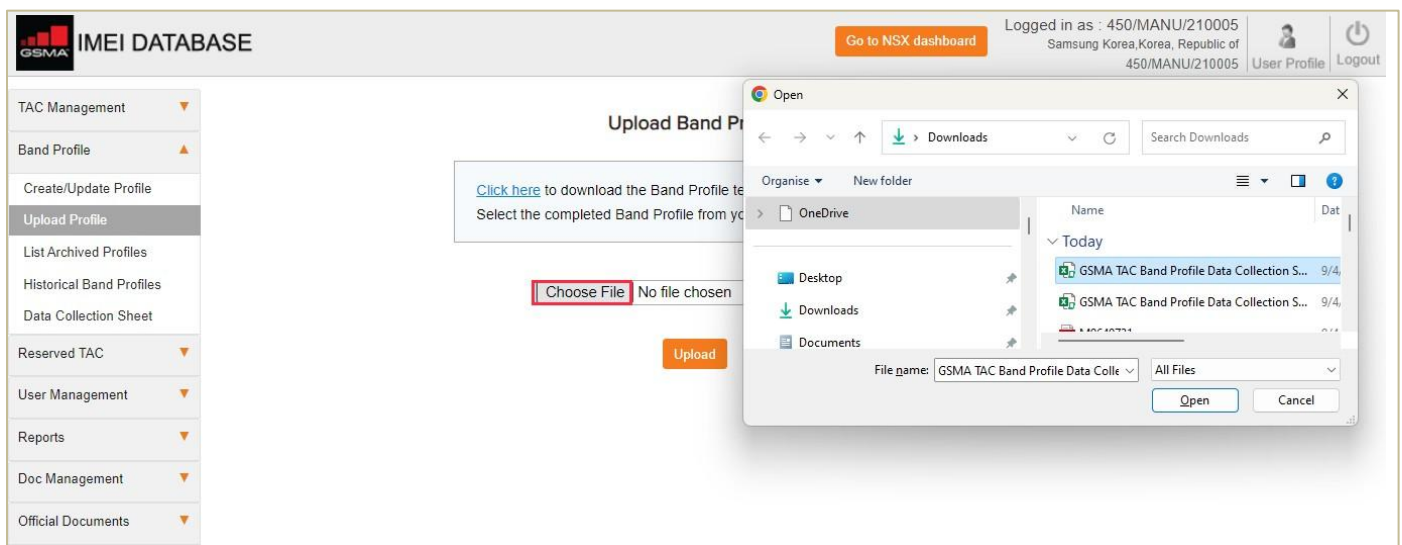


Figure 39 Select Band Profile

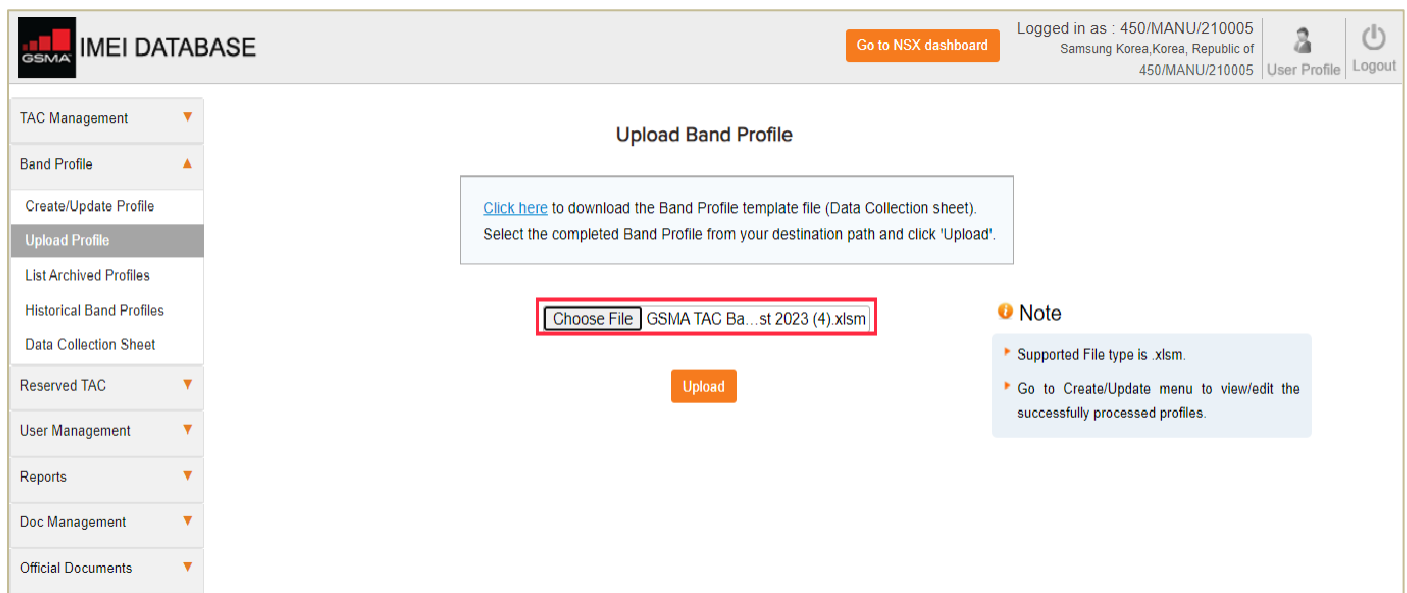


Figure 40 Select Band Profile

After selecting the band profile file, click the 'Upload' button to upload the file for processing.

## IMEI Database – Manufacturer / Brand Owner – User Guide

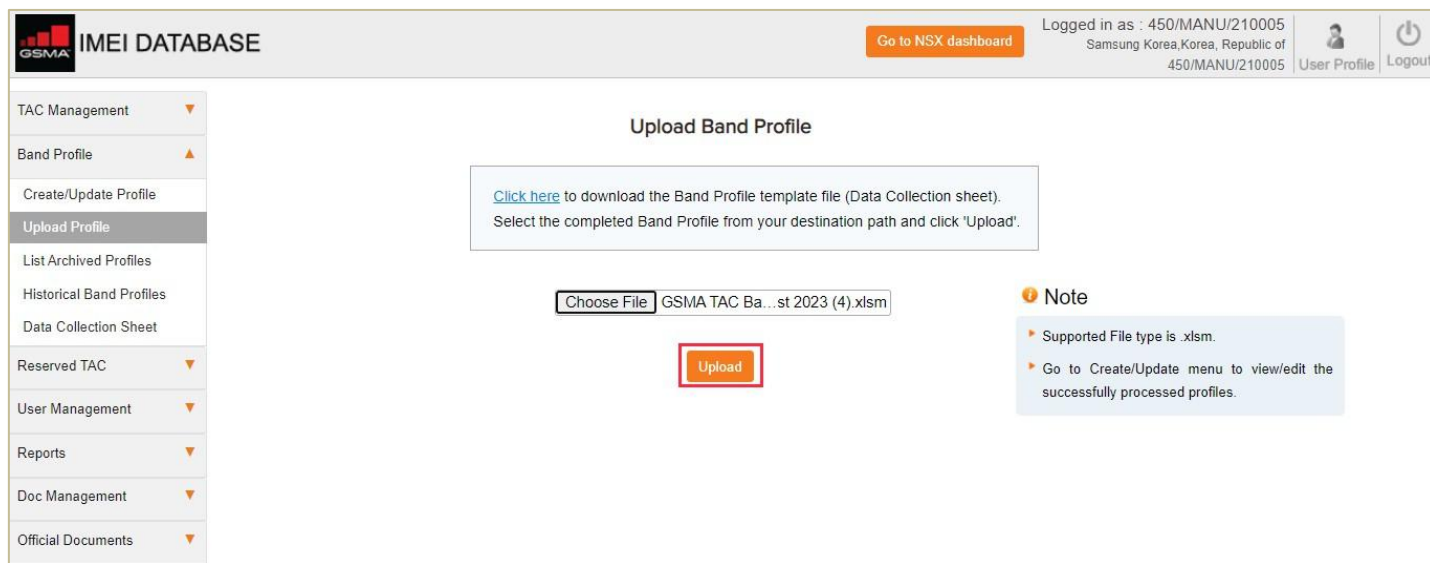


Figure 41 Upload Band Profile

On successful upload, the system will display the Success Message as in the figure below.

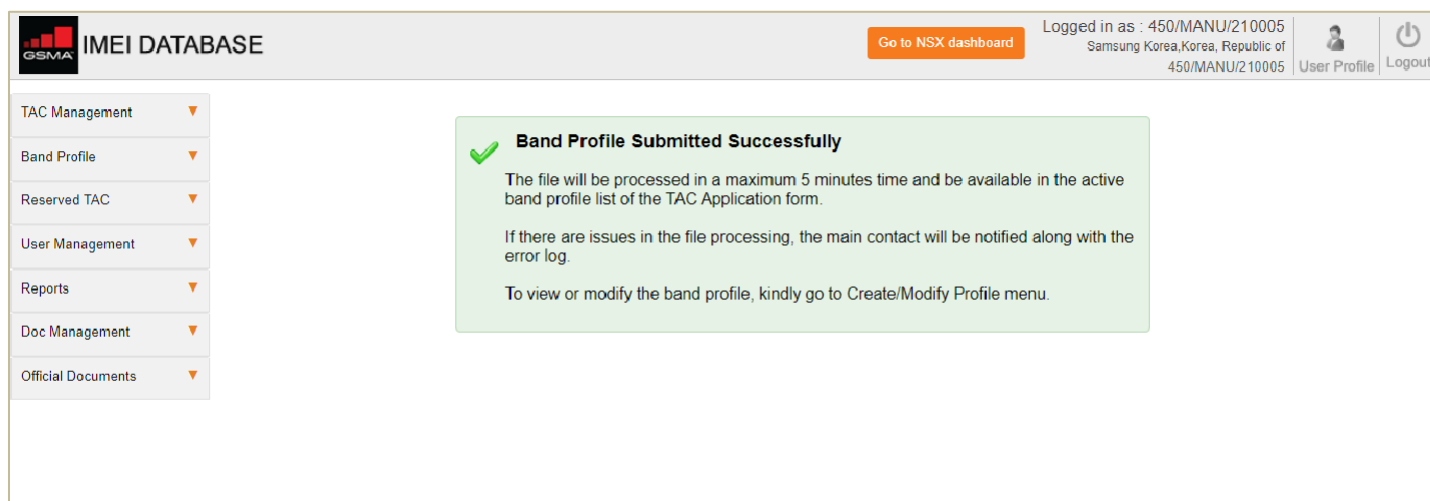


Figure 42 Upload Band Profile – Success Message

You can view the successfully processed band profiles listed in the 'Create/Update Profile' where the profiles created online will also be listed.

Select the band profile and click the 'View' button to view the bands selected in the profile that is uploaded or created online.

# IMEI Database – Manufacturer / Brand Owner – User Guide

**IMEI DATABASE**

Go to NSX dashboard
Logged in as : 450/MANU/210005  
Samsung Korea, Korea, Republic of  
450/MANU/210005
User Profile 
Logout

- TAC Management ▼
- Band Profile ▲**
- Create/Update Profile
- Upload Profile
- List Archived Profiles
- Historical Band Profiles
- Data Collection Sheet
- Reserved TAC ▼
- User Management ▼
- Reports ▼
- Doc Management ▼
- Official Documents ▼

### List of Band Profiles

Create New Profile

Search By :
Show All

Go

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status	Has Deprecated Frequency Bands
<input checked="" type="radio"/>	DCS - sheet -SC1	01 Sep 2023	02 Sep 2023	35836449	Complete	No
<input type="radio"/>	DCS - sheet -SC - Copy1.4	01 Sep 2023	02 Sep 2023	NA	Complete	No
<input type="radio"/>	DCS - sheet -SC - Copy1vd	01 Sep 2023	01 Sep 2023	35886074	Complete	No
<input type="radio"/>	New DCS	01 Sep 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	DCS - sheet1	01 Sep 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	New1	22 Aug 2023	01 Sep 2023	NA	Complete	No
<input type="radio"/>	TACCERTIFICATE	01 Sep 2023	01 Sep 2023	35696180,35793691	Complete	No
<input type="radio"/>	Less Band	22 Aug 2023		35847647,35077486	Complete	No
<input type="radio"/>	Augutssheet89	22 Aug 2023		35327746	Complete	No
<input type="radio"/>	Augutssheet - 4	21 Aug 2023		NA	Complete	No

View
Modify
Copy
Archive

10 per page
<< First < Prev 1 of 330 Next > Last >>

Figure 43 View Band Profile

**Band profile Details**

5G REDCAP Bands Supported

Category	Band	Maximum number of MIMO Layers in Downlink	Maximum number of MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
5G REDCAP	n1	One Layer	One Layer	QAM64	QAM64

5G Bands Supported

5G not supported

5G Series

5G Series not supported

CA Bands Supported

CA not supported

E-UTRA Bands Supported

4G not supported

EUTRA / LTE / 4G Category Support

LTE not supported

LPWAN Support

Does your device support EC-GSM-IoT?	No	NA
Does your device support Cat-NB1?	No	NA
Does your device support Cat-NB2?	No	NA
Cat-NB E-UTRA (LTE) FDD	No	NA
Cat-NB E-UTRA (LTE) TDD	No	NA
Does your Cat-NB device support multicast	No	NA
Does your device support Cat-M1?	No	NA
Does your device support Cat-M2?	No	NA
Cat-M E-UTRA (LTE) FDD	No	NA
Cat-M E-UTRA (LTE) TDD	No	NA
Does your Cat-M device support multicast	No	NA

2G and 3G Bands Supported

2G and 3G not supported

Radio Interface

Radio Interface Supported: NONE

NTN Frequency Bands

NTN Frequency Bands not supported

SATELLITE Frequency Bands

Does your device support Satellite Frequency Bands for non-3GPP-NTN technologies: S-band (2-4 GHz)

Figure 44 View Band Profile

## Modify a Complete Band Profile

The Modify profile screen is similar to the Create profile but with the supported values already selected

Select the relevant Band Profile and **click Modify**.

**Note:** Where the Band Profile is not mapped to a TAC application, you can modify the profile and save it with the same name.

## IMEI Database – Manufacturer / Brand Owner – User Guide

Where the Band Profile is mapped to a TAC, as per this example, you must provide an updated or new **Profile name**.

After successfully modifying the profile, you need to **complete the Edit TAC process** (Refer Section 14) and attach the **new profile to the existing TAC or new TAC as required**.

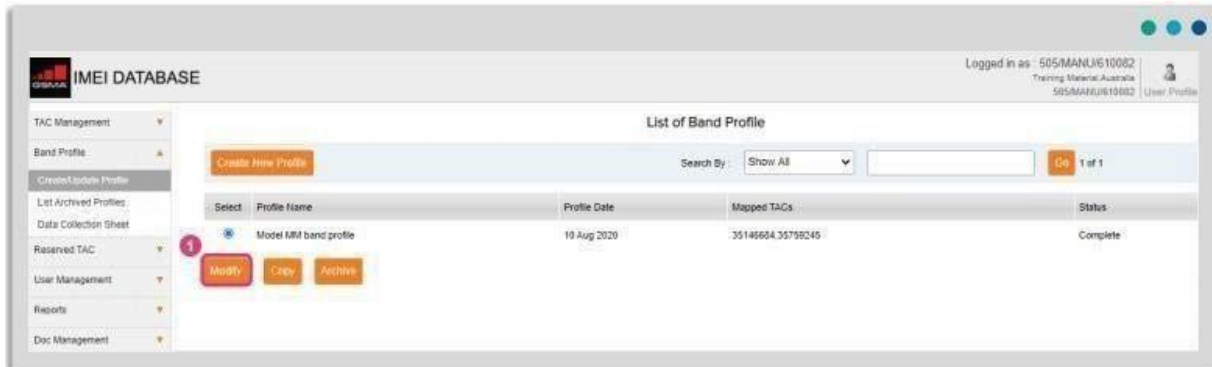


Figure 45 Modify Band Profile - Online Spreadsheet

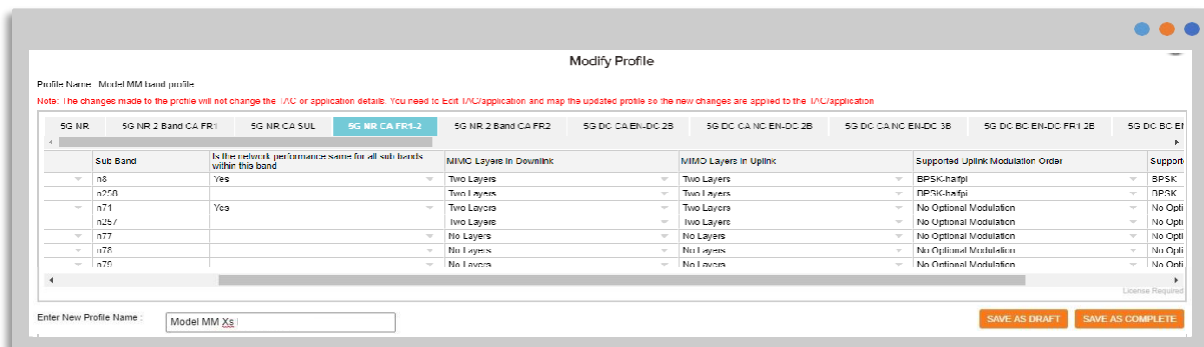


Figure 46 Modify Band Profile - Online Spreadsheet

Once the modified profile is saved with the new name, the system creates a new profile. The previous and new profile will be active both.

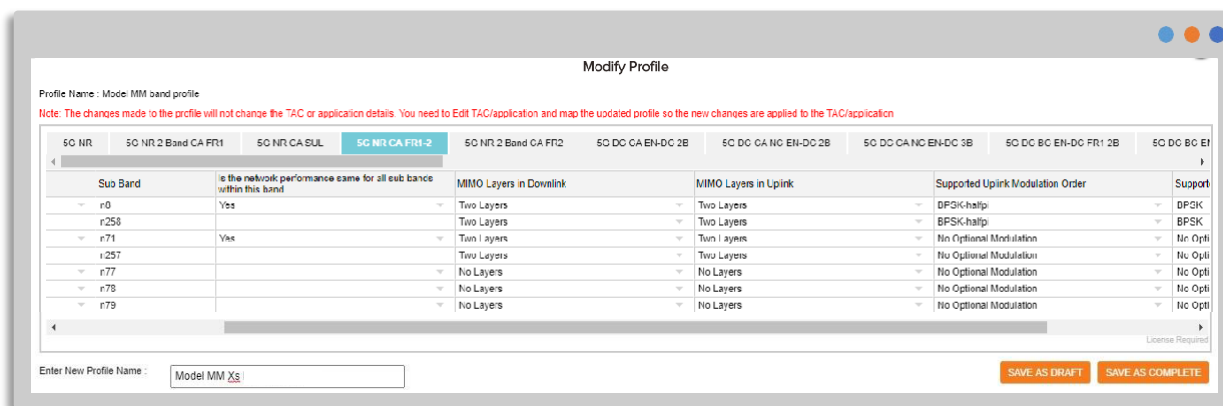


Figure 47 Modify Band Profile

Use the **SAVE AS DRAFT** and **SAVE AS COMPLETE** functions in the same way described for “Create Profile”.

## Copy a Profile

Create a copy/duplicate Band Profile by copying the details from an existing Profile; then make any required changes, i.e., add new bands, adjust band support, network performance changes, etc. Save with new Band Profile name.

Copy profile will be useful where you are applying for models that closely match with each other but with few differences.

The original profile will remain as is.

To copy a profile, select an existing profile and click copy.

The system will open the profile window with all the band information of the selected profile displayed. Make the changes, provide a new profile name and Save as complete.

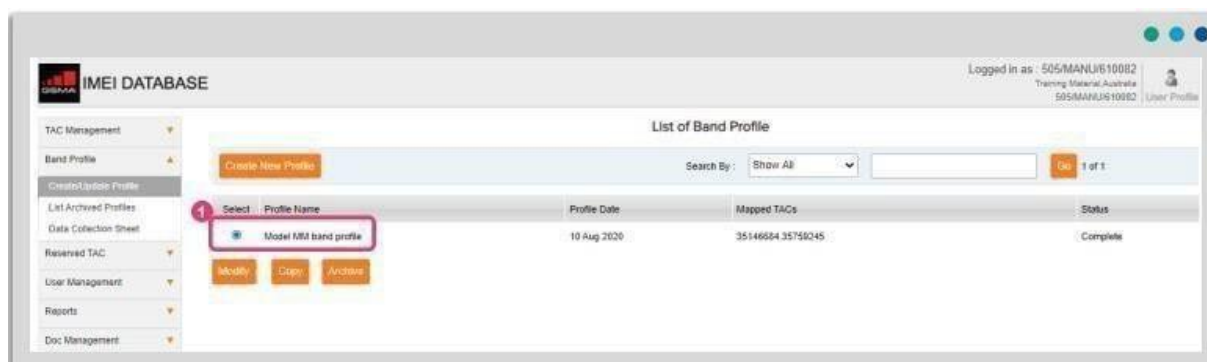


Figure 48 Copy Profile - Select Profile

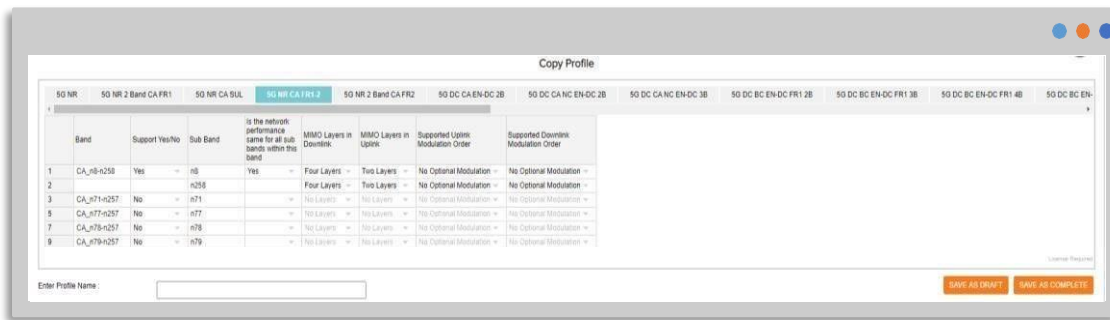


Figure 49 Copy Profile - Online Spreadsheet

## Archive a Band Profile

Band Profiles no longer needed for new devices (TAC applications) can be **archived**. Archiving a Profile will remove it from the List of Band Profiles so it will not be listed as available under Band Profiles in the TAC application.

To view the archived profile, return to the left navigation and select List Archived Profiles.

Select the Band Profile from the List and **click 'Archive' button**, you will receive a successfully archived message.

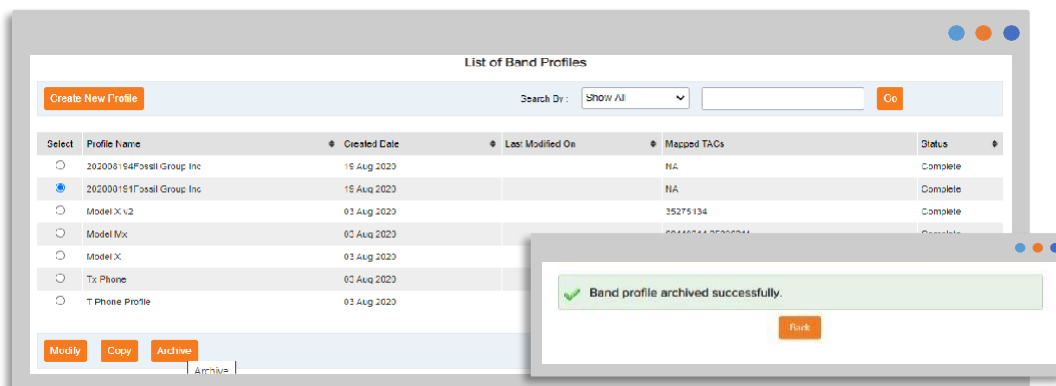


Figure 50 List Band Profiles



Figure 51 List Archived Profiles

## Activating an Archived Profile

Archiving a Band Profile will not remove or impact any of the TACs mapped to the Profile, but it will mean the Profile is not available for attaching to new or edited TAC applications and it will be removed from the main dashboard, to reduce clutter.

To change the Archive status, select the ACTIVATE button. The profile will now be active and re-appear on the main dashboard and be available for attaching to TAC applications.

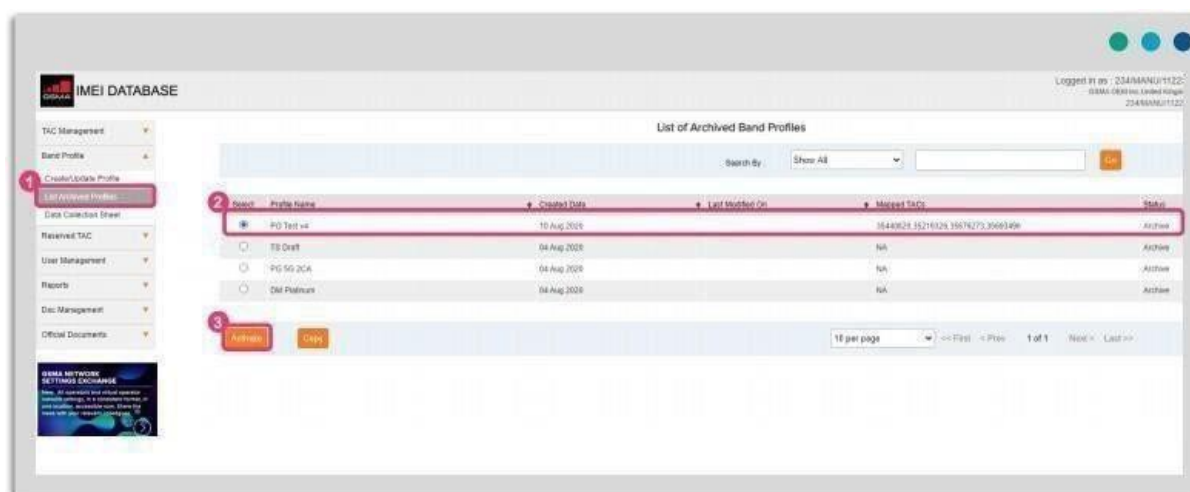


Figure 52 List Band Profiles

## 11. TAC Application and Allocation

To get TAC codes for a new device the Manufacturer / Brand Owner should complete the TAC application form by providing the specifications of the model / device. The reporting body authorized to provide TAC codes would verify the information provided and allocate a TAC code for the Manufacturer / Brand Owner.

The TAC Code is the first 8 digits of a 15-digit IMEI number.

One TAC code equals 1 million devices with the last 6 digits of the IMEI number ranging from 000000 to 999999. The last digit of an IMEI being the check digit, calculated based on the Luhn formula.

GSMA policy dictates a Manufacturer / Brand Owner to allocate 1 TAC for 1 model only. Read the current TS.06 document for details on the 1 TAC 1 model policy.

To apply for a TAC, follow the step-by-step guide explained below:

IMEI Database – Manufacturer / Brand Owner – User Guide  
Go to the **TAC Management** tab and select **Request a TAC**.

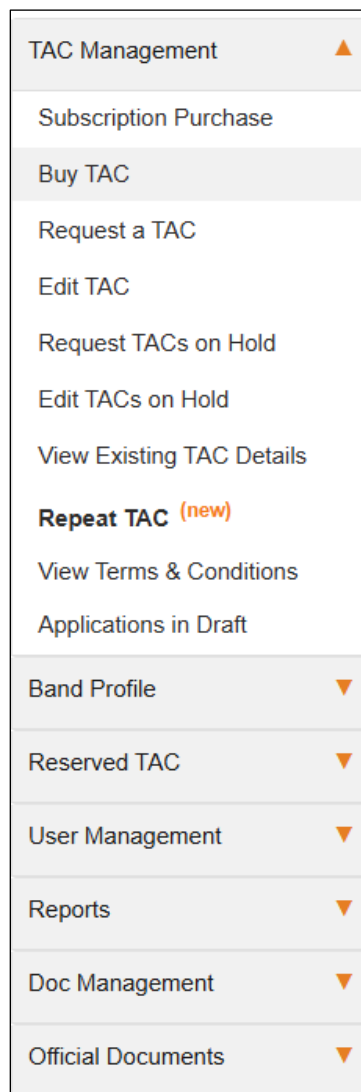


Figure 53 Request TAC Menu

The system checks the Manufacturer / Brand Owner account for the following conditions before applying TAC:

### TAC Credits in Hand

If the Manufacturer / Brand Owner does not have any TAC credits in hand the TAC application form will not be displayed, instead the message as shown in Figure below will be displayed.

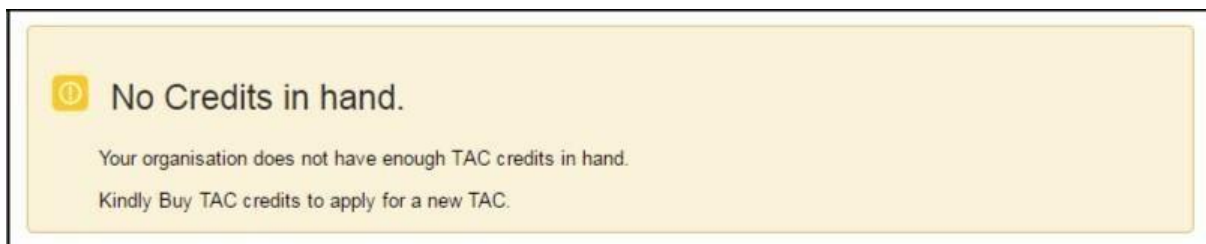


Figure 54 No Credits in hand

## Associated Brand Name

If there are no brand names associated with the Manufacturer / Brand Owner IMEIDB account, the system will display a message as shown in Figure below.



Figure 55 No Brand Name Warning Message

The Manufacturer / Brand Owner should contact BABT ([imei@babt.com](mailto:imei@babt.com)) with the brand name and brand certificate details. BABT will add the brand name to the Manufacturer / Brand Owner account and confirm the same through an email.

If the Manufacturer / Brand Owner has at least one TAC credit, the TAC application form will be displayed.

The Manufacturer / Brand Owner should buy TAC credits before applying for TACs.

Refer section 8 Buy TAC on steps to Buy TAC credits.

The TAC application is divided into 6 sections to ease completion of the required details. Most of the requested information is Mandatory (M) however a few fields are Optional (O). Completion of the Optional fields will help with the verification of the device for which the TAC is being requested.

### Character Encoding

All fields in the database are stored in ASCII encoding and only printable ASCII characters (character codes 32 – 126) are permitted, subject to any further limitations/exclusions below.

### Rules for the creation of the “Model Name”, and “Marketing Name” fields

In order to improve the data with the IMEI Database the following rules are implemented with the database. These rules must be followed by all users of the IMEI Database when completing the TAC Request forms.

### Mandatory Syntax Checks

The IMEI Database will check for syntax errors in new entries, this will be applied to all new entries or updates to existing entries.

**Whitespace**

- No entry SHALL contain leading or trailing spaces
- No entry SHALL contain 2 (or more) consecutive spaces

**Forbidden Symbols**

- No entry SHALL contain any of the following symbols:

`	-	!	£	\$	€	%	^	&	*	@	~	#	<	>	?	=	
---	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---	---	--

- The following is a list of symbols that can be used as a single entry which is then followed by a letter Aa to Zz, or number 0 to 9. Two or more consecutive symbols as listed below are not allowed. Combinations of symbols from the list below are also not allowed.

(	)	+	-	_	,	.	;	:	'	'	[	]	{	}	/	\	'	'
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

- No entry SHALL end with any of the following symbols:

(	'	[	{	/	\
---	---	---	---	---	---

- No entry SHALL start with any of the following symbols:

)	'	]	}	/	\
---	---	---	---	---	---

**Length of Name**

- Names must be between 1 and 50 characters long.

**Forbidden Strings**

- TBC, tbc, TBA, and tba are forbidden on their own, within single or double quotations are not allowed.

## IMEI Database – Manufacturer / Brand Owner – User Guide

TBA	TBD	tba	TBC	tbc	“TBA”	‘TBA’
-----	-----	-----	-----	-----	-------	-------

### Naming Consistency Check

When a new Model Name is added to the TAC Request Form that is similar to an existing name in the database, the database will offer the user a list of names that they have already used that match or are similar to the name they are entering.

The user can select one of the names from the list or confirm that they want to proceed with the name they have entered.

### Device Details

The first section displayed is the Device Details page as shown in the Figure below.

## IMEI Database – Manufacturer / Brand Owner – User Guide

**TAC Application Request Form**  
Reference Documents : TS06 | TS30

Progress: **DEVICE DETAILS** | MANUFACTURING DETAILS | OS | BAND PROFILE | DEVICE CERTIFICATION BODIES | REVIEW

**Applicant Name:** Mr Thomas Ulrich  
**Applicant Email:** venkatesan@venusgeo.com

**Brand Name:** --Select--  
**Equipment Type:** --Select--

**Model Name:**   
**Marketing Name:**

**Quantity of TAC Required:**

**Does your device type listed above connect via NTN?**  3GPP NTN Only  3GPP NTN & TN  No

**Does your device support removable UICC?** Yes  No   
How many removable UICC does the device support: --Select--

**Does your device support removable eUICC?** Yes  No   
How many removable eUICC does the device support: --Select--

**Does your device support Non removable UICC?** Yes  No   
How many Non removable UICC does the device support: --Select--

**Does your device support Non removable eUICC?** Yes  No   
How many Non removable eUICC does the device support: --Select--

**Does your device support Network-specific Identifier?** Yes  No   
How many Network-specific Identifier does the device support: --Select--

**Total number of IMEI used in the device:** --Select--  
**Total number of SIM Slots in the device:**

**Does the device support NFC?** Yes  No   
**Does the device support WLAN?** Yes  No   
**Does the device support BLUETOOTH?** Yes  No   
**Does the device support authenticated IMS Emergency call?** Yes  No   
**Does the device support unauthenticated IMS Emergency call?** Yes  No   
**Does the device support IMS Emergency call without UICC?** Yes  No

**Note:**

- Applicant Name - Accepts characters a-z, upper or lower case, dot and space only
- Unmanned Aerial System (UAS) / Unmanned Aerial Vehicle (UAV)
- The maximum quantity of eUICC/eUICC supported by the modem must be provided on the TAC Application form. The maximum quantity of IMEI used in the Modem must be provided on the TAC application form.
- Model Name, Marketing Name fields comply to the following rules:
  - Accepts Alphabets a-z [upper/lower]
  - Accepts numbers [0-9]
  - Accepts special characters ( ) + \_ - . : \ { } / ' "
  - Accepts only ASCII Characters.
  - Length shall be less than 50 Characters.
  - Shall not contain leading or trailing spaces.
  - Shall not contain consecutive spaces and special characters.
  - Shall contain alphabets or numbers.
  - Shall not start with ' ' / ' ' /
  - Shall not end with ' ' / ' ' /
  - Brackets / Parenthesis shall be paired.
- You are eligible to request a maximum of 5 TACs.
- If only Non-Removable UICC and/or eUICC are selected then please indicate the sim slot as "0". If only Network-specific Identifier(s) is/are selected then the number of SIM slot should be zero in most cases. Please ensure to only indicate the total number of physical SIM slots the device will support.
- If multiple UICC/eUICC/NSI are selected then you must indicate the quantity of IMEI that will be used in the devices. The number of IMEI is the same as the total quantity of UICC/eUICC/NSI selected with lower values as an option.
- At least 1 Network-specific Identifier should be selected when UICC and eUICC are 0.
- For more information about the implementation of Multiple SIM in devices. Refer [TS.37](#)

**Next**

Figure 56 TAC Application - Device Details form

The user should provide the name and email id of the applicant to complete the form. The applicant could be a Manufacturer / Brand Owner contact, or the contact of the agency approved to apply for TACs. The form would display by default the second contact person registered in the applicant's name and email fields.

The IMEI applicant should provide details about the device in the TAC application form.

### Important form fields to understand.

Manufacturer/Brand Owner	Brand Name	Model Name	Marketing Name
Nokia	Nokia	X8	Lumia X8
Apple	Apple	A1234	iPhone 5
RIM	Blackberry	9900	Bold

The maximum quantity of TAC allowed is 5 per application or the number of TAC credits available with the Manufacturer / Brand Owner whichever is the least.

The maximum quantity of TAC allowed for a subscription user is 50 per application. The manufacturer/brand owner will see a notification if there are 20 open TACs pending for approval. TAC cannot be applied when there are more than 50 open TACs pending for approval.

### **Removable/Non-Removable UICC/eUICC and Network-specific Identifier**

Read the instruction provided on the right of the TAC application form on how the Removable/non-Removable UICC/eUICC and Network-specific Identifier works.

When equipment Type is selected as Modem, the Removable/non-Removable UICC/eUICC, Network-specific Identifier, SIM slots and number of IMEI used in the device cannot be selected.

The following note will be added to the TAC Certificate for “Modem”:

*“A Modem may support interfacing to multiple UICC form-factors described in ETSI TS 102 221 and ETSI TS 102 671, however not all of the UICC form-factors supported by the Modem may be used on the final device, which the Modem is used in. At the time the Modem is manufactured it is unknown if the final device will support eUICC/UICC. It is also unknown if the eUICC/UICC in the final device will be accessible via a SIM slot or will be fixed into the device.”*

### **Technical Design and Manufacture of the device**

The TAC applicant should select the manufacturer responsible for the technical design of the device.

The TAC applicant should select ‘Yes’ if the organization applying for TAC is responsible for the technical design of the device: i.e. if the TAC applicant

1. Creates the electrical and mechanical design specifications; or
2. Manage device assembly and testing.

On selecting ‘Yes’, the system automatically populates the Manufacturer/brand owner details as shown in **Error! Reference source not found.**

Figure 57 TAC Application - Manufacturer Details form

The TAC applicant should select ‘No’ if the organization applying for TAC is not responsible for the technical design of the device: i.e if the TAC applicant

1. Outsourced the technical design.
2. Had selected a white label product to brand.

Once the Brand owner selects “No”, the system will display a search option for the applicant to select the organization responsible for the manufacturing of the device. The TAC applicant should select the manufacturer from the list of registered organizations. The applicant can search the manufacturer by name. Based on the keyword entered, the system lists the manufacturer(s) matching the keyword input

The brand owner should select their manufacture if displayed in the search results and click “Next”. The following text “pop up” will be presented.

“Please note that the manufacturer may be contacted to verify the device details for which you are applying for the TAC. Incorrect information will delay and/or invalidate this TAC application”

The Brand Owner should select “Ok” and continue the TAC application form.

Figure 58 Search Manufacturer Details

## IMEI Database – Manufacturer / Brand Owner – User Guide

If the manufacturer is not listed, the applicant can add the manufacturer by clicking the ‘Click Here’ button. The system will display a manufacturer add form to provide the details

The screenshot shows a web form for adding a manufacturer. At the top, there is a question: "Are you responsible for the technical design and manufacture of the device?" with radio buttons for "Yes" and "No" (selected). Below this is a search field for "Enter Manufacturer Name to search for registered organisations" with a "Search" button. A message box states: "The manufacturer entered is not in the IMEI Database. Please [Click here](#) To Add." To the right, a "Note" box explains "What does technical design mean?" with two scenarios: responsible for technical design (specifications, assembly) and not responsible (branding, outsourcing, white label). At the bottom are "Previous" and "Next" buttons.

Figure 59 Add new Manufacturer

The screenshot shows the "Add the manufacturer" form, divided into two sections: "1 Organisation Details" and "2 Contact Details". The "Organisation Details" section includes fields for Organisation Name, Address Line1, Address Line2 [Optional], City, State/Province/Region, Zip/Postal/Area Code, Country (dropdown), Telephone Number, and Website [Optional]. The "Contact Details" section includes a Title [Optional] dropdown (Mr, Miss, Mrs, Ms, Dr), First Name, Last Name, Job Title, Mobile Phone Number, and Email. A note at the bottom states: "Notes : The TAC Allocation will not go forward until the RB confirms the Manufacturer details submitted". There is an "Add" button and "Previous" and "Next" buttons at the bottom.

Figure 60 New Manufacturer Add Form

Once the required details are filled in and submitted, the system will display the Manufacturer Details.

Are you responsible for the technical design and manufacture of the device?  Yes  No

The following information will be shown as the manufacturing details for this model.

Manufacturer Name: WithOEM Title

Manufacturer Head Office Address: Vadapalani,Schedn,TH,Azerbaijan

Contact Name: Mr Rekha Iyer

Contact Email: imeihelpdesk@venusgeo.com

To change the manufacturer details, [Click here](#)

[Previous](#) [Next](#)

**Note**

What does technical design mean?

You are responsible for the technical design of the device if you:

1. Create the electrical and mechanical design specifications; or
2. Manage device assembly and testing

You are not responsible for the technical design of the device if:

1. You only specify the branding and cosmetic features of a device
2. You outsource the technical design
3. You have selected a white label product to brand

Figure 61 Manufacturer Details display form

### Note:

For new manufacturer registrations, the TAC Allocation will not go forward until the RB confirms the Manufacturer details submitted by the Brand Owner.

## Operating System

If the type of the device selected in the 'Equipment Type' is Mobile / Feature Phone, the system will set the value of the operating system to **NONE** by default.

However, if the Mobile/Feature phone type device supports an operating system the applicant can remove the uncheck the option '**NONE**' and select the appropriate operating system.

The applicant cannot select '**NONE**' along with another operating system. The option 'NOT KNOWN' will be disabled.

If the type of the device selected in the 'Equipment Type' drop down is one of the below

- a. Dongle
- b. Modem
- c. WLAN Router

The system will set the value of the operating system by default to **NONE**. Other operating systems will be disabled.

If any other equipment type is selected, the operating system must be selected from the list that is being displayed.

If the type of the device selected in the 'Equipment Type' drop down is "Smartphone" then the 'Proprietary OS' cannot be selected

## IMEI Database – Manufacturer / Brand Owner – User Guide

Only one operating system can be selected.

The screenshot displays the 'TAC Application Request Form' with a progress bar at the top indicating the current step is 'OS'. The form is divided into four columns of operating system options:

DEVICE DETAILS	MANUFACTURING DETAILS	OS	BAND PROFILE
<input checked="" type="checkbox"/> Android	<input type="checkbox"/> Android Wear	<input type="checkbox"/> Bada	<input type="checkbox"/> Blackberry
<input type="checkbox"/> ClearOS Mobile	<input type="checkbox"/> CyanogenMod	<input type="checkbox"/> Firefox	<input type="checkbox"/> IOS
<input type="checkbox"/> KaiOS	<input type="checkbox"/> Linux	<input type="checkbox"/> Mac OS	<input type="checkbox"/> NONE
<input type="checkbox"/> Nucleus	<input type="checkbox"/> Phoenix	<input type="checkbox"/> Proprietary OS	<input type="checkbox"/> RTOS
<input type="checkbox"/> S30	<input type="checkbox"/> Sailfish	<input type="checkbox"/> Symbian	<input type="checkbox"/> ThreadX
<input type="checkbox"/> TIZEN	<input type="checkbox"/> UBUNTU	<input type="checkbox"/> Windows	<input type="checkbox"/> Windows Phone
<input type="checkbox"/> YunOS (Aliyun)			

Navigation buttons 'Previous' and 'Next' are located at the bottom. A 'Note' box on the right states: 'Please select an Operating System the device will support. Manufacturer can select only one Operating System per model.'

Figure 62 TAC Application - Operating system form

Select “Next” to complete the 5G bands section.

### Note:

If an operating system supported by the device is not displayed in the list, the user can complete the form by selecting the operating system as ‘None’ and write an email to IMEI helpdesk (imeihelpdesk@gsma.com) to add the operating system for the TAC application.

## Band Profile

The Band Profile section lists all the Profiles that are complete to select the Band Profile that is associated for the device and continue the TAC application.

## IMEI Database – Manufacturer / Brand Owner – User Guide

The screenshot displays the 'TAC Application Request Form' in the IMEI Database. The form is currently on the 'BAND PROFILE' step of a multi-step process. A table lists several band profiles, with 'Model Mtr' selected. The table columns are 'Select', 'Profile Name', 'Profile Date', 'Mapped TACs', and 'View'. The 'View' column contains links labeled 'View Bands'.

Select	Profile Name	Profile Date	Mapped TACs	View
<input type="radio"/>	202008194Fossil Group Inc	2020-06-19 10:09:32.914	NA	<a href="#">View Bands</a>
<input type="radio"/>	Model X v2	2020-06-03 10:07:45.105	35275134	<a href="#">View Bands</a>
<input checked="" type="radio"/>	Model Mtr	2020-06-03 10:04:24.191	440314,35230311	<a href="#">View Bands</a>
<input type="radio"/>	Model X	2020-06-03 09:52:29.36	35061258	<a href="#">View Bands</a>
<input type="radio"/>	Tx Phone	2020-06-03 08:25:27.239	35267715	<a href="#">View Bands</a>
<input type="radio"/>	T Phone Profile	2020-06-03 08:06:28.215	NA	<a href="#">View Bands</a>

Figure 63 List of Completed Band Profiles

You can **View Details** of the Band Profile by clicking the link '[View Bands](#)' respective to the Band Profile name.

Once clicked on **View Bands**, the following Band Profile information is displayed so applicants can view the supporting network performance details and select the correct Profile for the device.

## IMEI Database – Manufacturer / Brand Owner – User Guide

IMEI DATABASE

Go to NSX dashboard
Logged in as: 424/MANU214424  
Silk Cell FZCO, United Arab Emirates  
424/MANU214424
User Profile
Logout

### Band profile Details

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5G REDCAP Bands Supported

Category	Band	Maximum number of MIMO Layers in Downlink	Maximum number of MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order
5G REDCAP	n1	One Layer	One Layer	QAM64	QAM64

5G Bands Supported

5G not supported

5G Series

5G Series not supported

CA Bands Supported

CA not supported

E-UTRA Bands Supported

4G not supported

EUTRA / LTE / 4G Category Support

LTE not supported

LPWAN Support

Does your device support EC-GSM-IoT?	No	NA
Does your device support Cat-NB1?	No	NA
Does your device support Cat-NB2?	No	NA
Cat-NB E-UTRA (LTE) FDD	No	NA
Cat-NB E-UTRA (LTE) TDD	No	NA
Does your Cat-NB device support multicast	No	NA
Does your device support Cat-M1?	No	NA
Does your device support Cat-M2?	No	NA
Cat-M E-UTRA (LTE) FDD	No	NA
Cat-M E-UTRA (LTE) TDD	No	NA
Does your Cat-M device support multicast	No	NA

2G and 3G Bands Supported

2G and 3G not supported

Radio Interface

Radio Interface Supported: NONE

NTN Frequency Bands

NTN Frequency Bands not supported

SATELLITE Frequency Bands

Does your device support Satellite Frequency Bands for non-3GPP-NTN technologies: S-band (2.4 GHz)

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Figure 64 Band Details View

On selecting a Band Profile, ‘**Supported Frequency Bands Confirmation**’ page will pop-up with six questions and answers for you to confirm, the Bands in the selected Profile matches with the Bands your device supports by answering the nine questions as in the figure below.

Note, you will not be able to skip any questions.

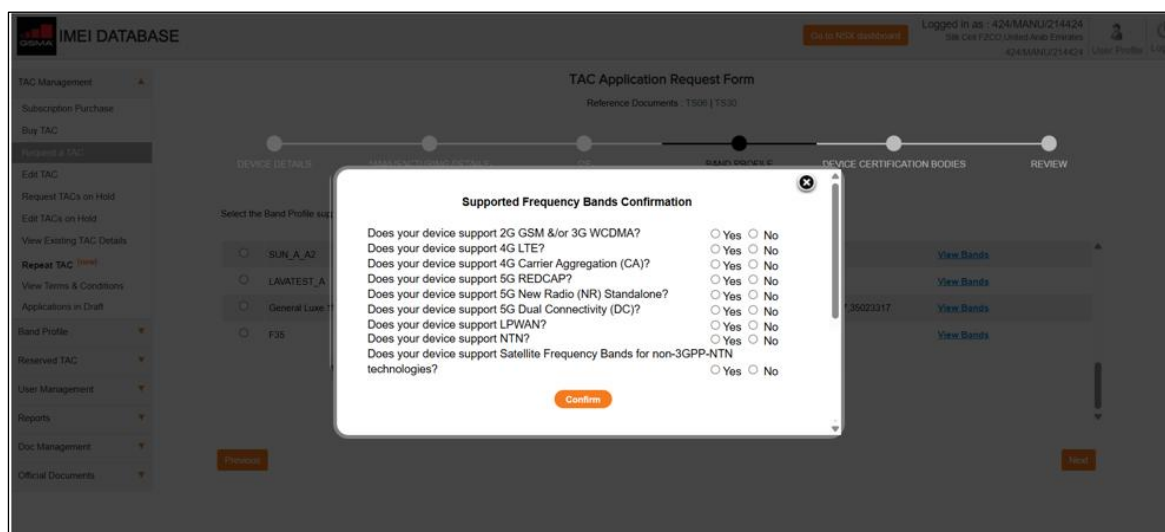


Figure 65 Supported Frequency Bands Confirmation popup

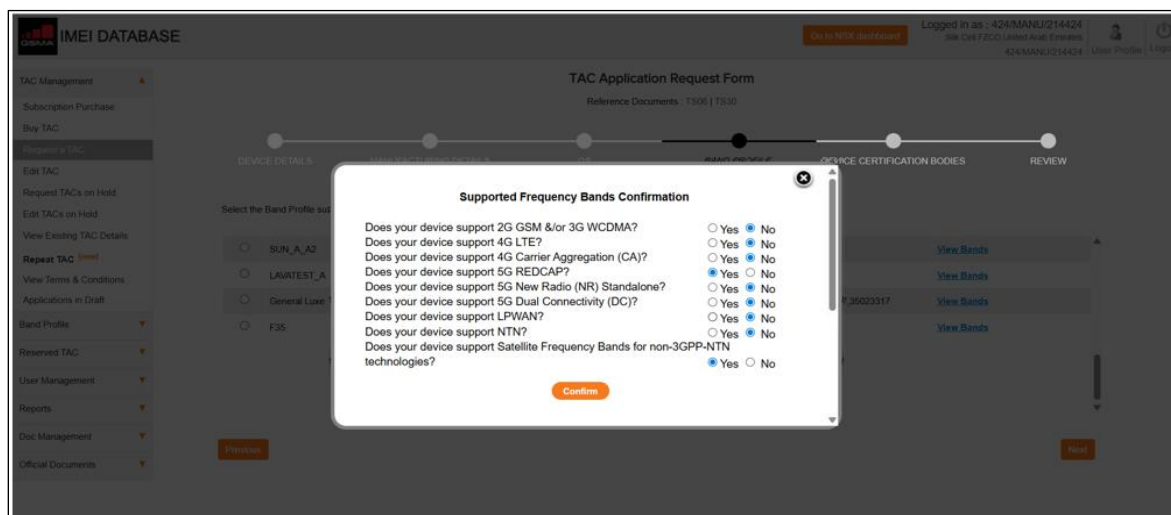


Figure 66 Supported Frequency Bands Confirmation popup questions selected

**Supported Frequency Bands Confirmation – Matched with the Bands in the Selected Profile:**

The respective Band Categories of the Band Profile are grouped under these nine questions. If all the answers match with the bands in the selected profile, you will get a confirmation message as in the figure below. **For example**, in the selected Band Profile the 2G/3G bands are available and when you answer the first question, ‘**Does your device supports 2G GSM &/or 3G WCDMA?**’ as **YES**, then the answer is correct. Likewise, if other questions also match with the selected band profile details, the confirmation message as in the figure below will be displayed.

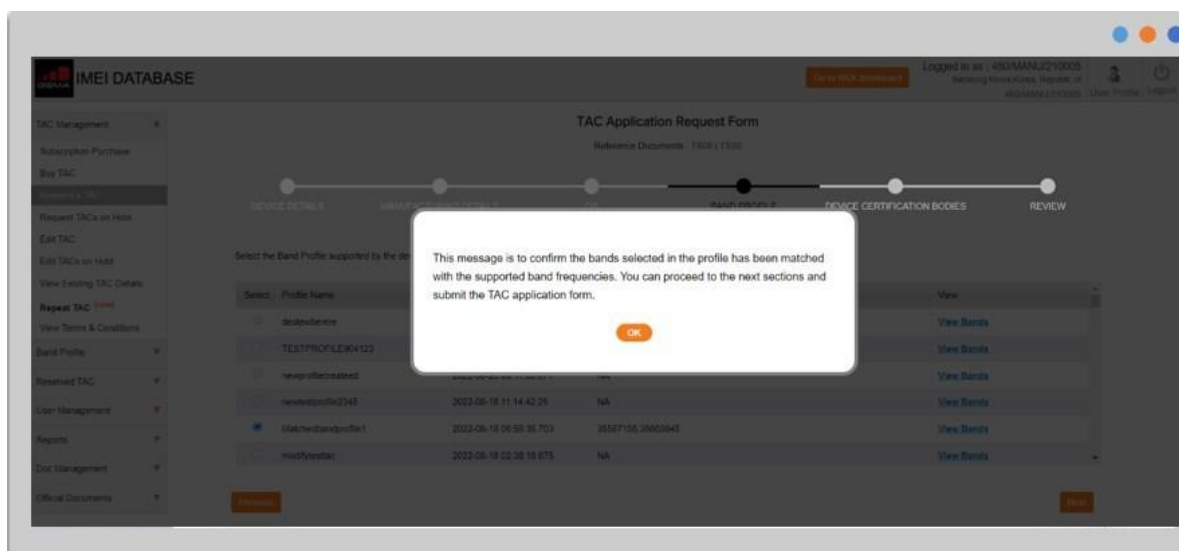


Figure 67 Supported Frequency Bands Matched with the Bands in the Selected Profile

**Supported Frequency Bands Confirmation – NOT Matched with the Bands in the Selected Profile:**

If any of the answers does not match the bands in the selected Profile, the system will route to the Modify Profile Page highlighting the mismatched bands to update and save after the TAC Application is submitted. **For example**, in the selected Band Profile the 2G and 3G bands are available, but when you answer the first question, ‘**Does your device supports 2G GSM &/or 3G WCDMA?**’ as **NO**, then there is a mismatch. After answering the other questions, the bands mismatched message as in the figure below will be displayed. Hence, you will be routed to the Modify Profile page, on submitting the TAC Application form.

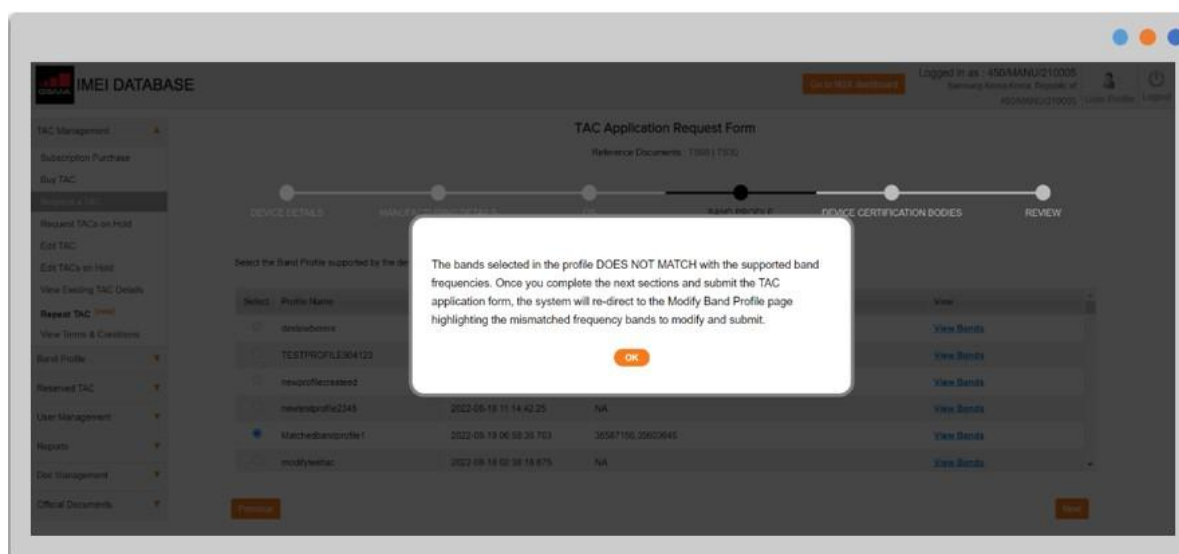


Figure 68 Supported Frequency Bands NOT Matched with the Bands in the Selected Profile

Click “Next” to complete the Device Certification Bodies.

## Device Certification Bodies

If the device has been certified, select the appropriate device certification body if applicable.

The screenshot displays the 'TAC Application Request Form' with a progress bar at the top indicating the current step is 'DEVICE CERTIFICATION BODIES'. The form includes a sidebar menu on the left with options like 'Request a TAC', 'Edit TAC', and 'Repeat TAC'. The main content area shows a grid of checkboxes for certification bodies: Anatel, CCC, CE, FCC, GCF, and IC. A 'Note' box on the right states: 'Device Certification Bodies are Optional. Select Device Certification Bodies when applicable.' Navigation buttons for 'Previous' and 'Next' are visible at the bottom.

Figure 69 TAC Application - Device Certification Body Selection form

Click “Next” to review the information.

## Review

This page displays the information provided in each of the sections. Verify the details provided. If the information requires any change, select “previous” to navigate to the respective section to make the modification.

## IMEI Database – Manufacturer / Brand Owner – User Guide

**IMEI DATABASE** Go to NSX dashboard | Logged in as : 424/MANU/214424  
Silk Cell FZCO, United Arab Emirates  
424/MANU/214424 | User Profile | Logout

**TAC Application Request Form**  
Reference Documents : TS06 | TS30

Progress: **REVIEW** (Active)

### Device Details

Applicant Name	Celine Feng	Applicant Email	venkatesan@venusgeo.com
Brand Name	General Luxe	Equipment Type	Smartphone
Model Name	dfsa	Marketing Name	resdasa
Quantity of TAC Required	1	Does your device type listed above connect via NTN?	No
Number of Removable UICC Supported	1 UICC	Number of Removable eUICC Supported	0 eUICC
Number of Non Removable UICC Supported	1 UICC	Number of Non Removable eUICC Supported	0 eUICC
Number of Network-specific Identifier Supported	1		
Total number of IMEI used in the device	1	Total number of SIM Slots in the device	1

Are you responsible for the technical design and manufacture of the device? - **Yes**

### Manufacturing Details

Manufacturer Name	Silk Cell FZCO	Manufacturer Head Office Address	Office 214 Building 1 EA Dubai Airport Freezone Authority (DAFZA), Dubai, United Arab Emirates
Contact Name	Saeed Abdulla Ahmad Al Muathen	Contact Email	venkatesan@venusgeo.com

### Other Details

Does the device support NFC?	Yes	Operating System	Windows
Does the device support WLAN?	Yes	Does the device support BLUETOOTH?	Yes
Does the device support authenticated IMS Emergency call?	No	Does the device support unauthenticated IMS Emergency call?	No
Does the device support IMS Emergency call without UICC?	No		

### Band Profile

The application is mapped to the profile [Upload\\_F](#)

### Device Certification Bodies

N/A

[Submit](#) [Save as Draft](#)

Figure 70 TAC Application – Review

Select “**Submit**” to submit the TAC application.

The Subscription users will have an additional option, “**Save as Draft**”, to keep the TAC Application in draft and modify it later and submit for processing. The system will allow the manufacturer to save the application in draft even if one or more mandatory fields are not filled in. Whereas, to submit the TAC application for approval process, all the mandatory TAC fields should be filled in.

If a band profile is selected in the drafted application and if the Supported Frequency Bands Confirmation process resulted in a mismatch, the system will redirect to the Modify Band Profile page to update the band profile highlighting the mismatched frequencies as shown in Figure 72. Once successfully processed, the updated band profile will be mapped to the respective drafted application and the manufacturer will be informed via a system generated email.

**Scenario 1:** Once the TAC application is submitted and if the Supported Frequency Bands Confirmation was successful with all answers matched, an email will be sent to the main contact of the Manufacturer / Brand Owner to confirm the TAC Application Form submission.

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The TAC application will be sent to the reporting body for review.

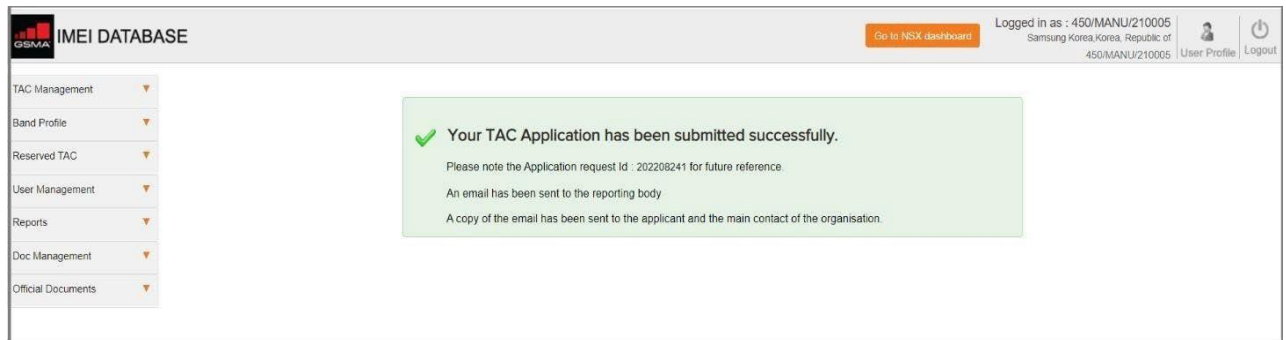


Figure 71 TAC Application – Success page

**Scenario 2:** Once the TAC application is submitted and if the Supported Frequency Bands Confirmation was not successful due to mismatched answers, the system will redirect to the Modify Band Profile page highlighting the mismatched frequencies as in the figure below.

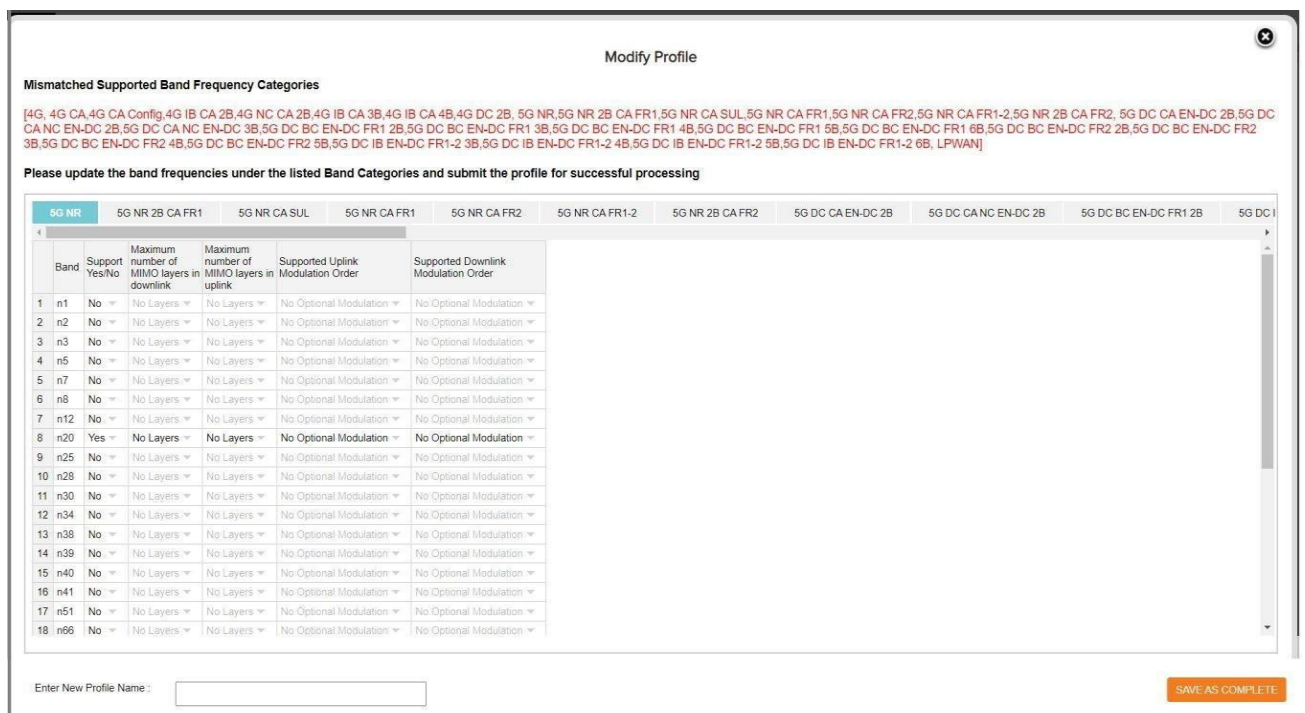


Figure 72 Modify profile

The Manufacturer / Brand Owner main contact has to update the Band Profile and click 'Save as Complete'. The main contact will receive an email to acknowledge the modify profile processing and to inform the TAC Application will be sent for Reporting Body's review once the updated profile is processed successfully and mapped to the submitted TAC Application form.

## IMEI Database – Manufacturer / Brand Owner – User Guide

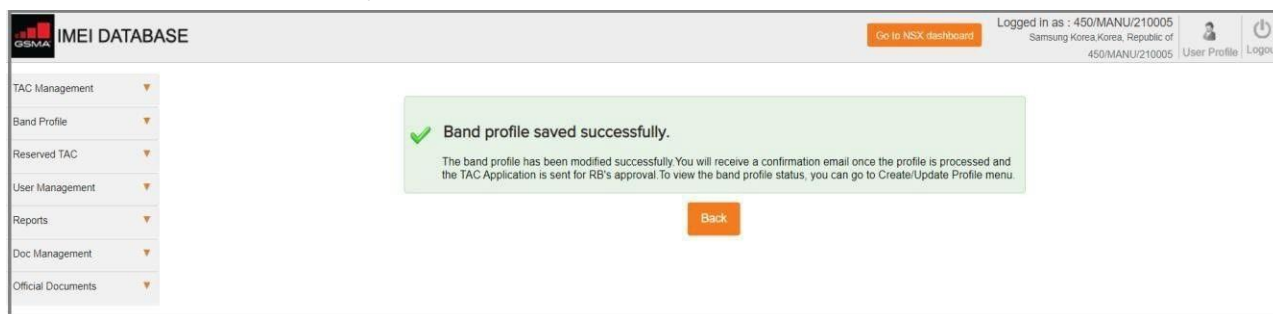


Figure 73 TAC Application – Success Page

On successful processing of the modified Band Profile, an email will be sent to the main contact of the Manufacturer / Brand Owner to confirm the TAC Application Form submission.

The TAC application will be sent to the reporting body for review.

Note, the TAC application will not be sent to the Reporting Body's review until the updated profile is processed successfully.

### **The following process applies for both [Scenario 1](#) and [2](#).**

The Manufacturer / Brand Owner must submit the relevant documents supporting the device specification to the reporting body offline. Please refer to the current TS.06 document for details on the document requisite.

The reporting body may contact the Manufacturer / Brand Owner for additional information if required.

The reporting body could reject the application if the information provided is not valid.

If the reporting body puts the application on hold, the Manufacturer / Brand Owner would receive an email that the application is on hold and a reason for the hold. The Manufacturer / Brand Owner can then modify the information in the TAC application and re-submit. Please refer the section 6.g "Request TACs on hold".

Upon approval by the reporting body, the Manufacturer / Brand Owner main contact and the applicant would receive an email confirmation with the TAC code and a GSMA document certifying the TAC allocated to the Manufacturer / Brand Owner and the model. The TAC certificate is the documented proof that the TAC is allocated to the Manufacturer / Brand Owner for the handset model and is an internationally accepted document by customs and regulatory agencies.

## 12. TAC Applications in Draft – For Subscription Users Only

The manufacturers who are in the active subscription term will only have the privilege to save a TAC Application in draft before submitting for further processing.

When ‘Save as Draft’ is clicked, the system will not check for mandatory field validation and will allow to save the application.

All the saved drafted TAC Applications can be viewed under the following menu.

### ‘TAC Management > Applications in Draft’

Click on this menu, will list all the drafted TAC applications as shown in the Figure below.

The screenshot shows the 'IMEI DATABASE' web application interface. The main content area is titled 'List of Drafted TAC Applications'. It features a search bar with a dropdown menu set to 'Show All' and a 'Go' button. Below the search bar is a table with the following data:

Select	Application Request ID	Brand Name	Model Name	Marketing Name	Last Drafted Date
<input type="radio"/>	202507083	General Luxe	dfsa	resdasa	08 Jul 2025
<input type="radio"/>	202507074	General Luxe	dfgh	jhglfd	07 Jul 2025

Below the table are two buttons: 'View' and 'Delete'. The sidebar menu on the left includes options like 'TAC Management', 'Subscription Purchase', 'Buy TAC', 'Request a TAC', 'Edit TAC', 'Request TACs on Hold', 'Edit TACs on Hold', 'View Existing TAC Details', 'Repeat TAC (new)', 'View Terms & Conditions', 'Applications in Draft', 'Band Profile', 'Reserved TAC', 'User Management', 'Reports', 'Doc Management', and 'Official Documents'.

Figure 74 List of TAC Applications in Draft

Select the respective TAC application to edit and click ‘View’. The drafted TAC application will be displayed with all the TAC details that were saved as in the Figure below.

The drafted TAC applications can be deleted by selecting the respective application and clicking ‘Delete’.



IMEI DATABASE

Go to NSX dashboard
Logged in as : 424/MANU/214424  
Silk Cell FZCO, United Arab Emirates  
424/MANU/214424
User Profile Logout

- TAC Management ▾
- Band Profile ▾
- Reserved TAC ▾
- User Management ▾
- Reports ▾
- Doc Management ▾
- Official Documents ▾

### TAC Application in Draft

● ● ● ● ● ●

DEVICE DETAILS
MANUFACTURING DETAILS
OS
BAND PROFILE
DEVICE CERTIFICATION BODIES
REVIEW

#### Device Details

Applicant Name	Celine Feng	Applicant Email	venkatesan@venusgeo.com
Brand Name	General Luxe	Equipment Type	Smartphone
Model Name	dfsa	Marketing Name	resdasa
Does your device type listed above connect via NTN?	No		
Number of Removable UICC Supported	1 UICC	Number of Removable eUICC Supported	0 eUICC
Number of Non Removable UICC Supported	1 UICC	Number of Non Removable eUICC Supported	0 eUICC
Number of Network-specific Identifier Supported	1		
Total number of IMEI used in the device	1	Total number of SIM Slots in the device	1

Are you responsible for the technical design and manufacture of the device? -Yes

#### Manufacturing Details

Manufacturer Name	Silk Cell FZCO	Manufacturer Head Office Address	Office 214 Building 1 EA Dubai Airport Freezone Authority (DAFZA), Dubai, United Arab Emirates
Contact Name	Saeed Abdulla Ahmad Al Muathen	Contact Email	venkatesan@venusgeo.com

#### Other Details

Does the device support NFC?	Yes	Operating System	Windows
Does the device support WLAN?	Yes	Does the device support BLUETOOTH?	Yes
Does the device support authenticated IMS Emergency call?	No	Does the device support unauthenticated IMS Emergency call?	No
Does the device support IMS Emergency call without UICC?	No		

#### Band Profile

Note: No changes made in the "Band Profile" section

The application is mapped to the old profile
Upload\_F

#### Device Certification Bodies

N/A

Submit
Save as Draft

Figure 76 TAC Application in Draft – Review Page

**Note:** The 'Applications in Draft' menu will be visible only if the manufacturer is in the active subscription term. If the subscription term expires and the manufacturer fails to renew the new term, the 'Applications in Draft' menu will disappear, even if there are TAC applications in draft. Once the subscription term is renewed, the menu will be back listing all the drafted TAC applications.

### 13. TAC Application on Hold

Upon the reporting body putting a TAC application on Hold, the IMEI Applicant will receive an email confirming the same. The reason for the hold will be provided by the reporting body and the same will be shown in the email.

The IMEI Applicant should edit the application to modify the details as requested by the reporting body and re-submit the application. To view the applications on hold, the IMEI applicant should login to the

IMEI Database and select the menu **'TAC Management > Request TACs on Hold'**.

The applications that are put on Hold are listed on the top of the page. Select the application to view and click 'View' as shown in Figure below.

Select	Application Request ID	Manufacturer	Model Name	Marketing Name	TAC Quantity	Application Date
<input type="radio"/>	201612081	Apple Inc	Mod	Maer	1	08 Dec 2016

*Figure 77 List of TAC Application on Hold*

The TAC application on hold will display multiple page forms like the TAC application form. The sections of the TAC application on hold will be filled in with the values provided in the TAC application or updated in the previous Edit application.

The rules applied to TAC application will be applicable to the TAC application on hold too. Refer Section **Rules for the creation of the "Model Name", and "Marketing Name" fields** for the TAC application rules.



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flagship devices require multiple TAC for the same model as only 1 million IMEI can be generated under a single TAC. In order to reduce the opportunity for errors and save time the TAC copy of past approved TAC details has been made available.

The TAC application repeat workflow provides a web form for manufacturer/brand owner registered in the IMEI Db to select a TAC already allocated and copy the details for the new TAC application. The device details like brand name, model and marketing name, OEM for the device, operating system the device supports, the network bands supported by the device and the certification details are copied to the new application form. The manufacturer/brand owner can edit the details for the new application. The manufacturer / brand owner can also provide the number of TACs required for the model (a maximum of 5 per application, unless the manufacturer is under a subscription period. In which case the number of TAC that can be applied is 50 per application).

The TAC application is then reviewed and approved by GSMA appointed Reporting Body responsible for allocating TACs in their respective region. The Reporting Body performs level 1 (RB1) and level 2 (RB2) checks and approves/allocates new TAC

The manufacturer should have valid TAC credits in hand to apply for a TAC using Repeat TAC application functionality.

The repeat TAC application function begins with listing the previous TAC applications and the TACs mapped. The user can search for an application by TAC or by model name or by marketing name.

Select	Application Request ID	Organisation Name	Model Name	Marketing Name	TAC	Allocation Date
<input type="radio"/>	201905283	Apple Inc	qwasdfghjk	qwerty23234234bnmm	01477886	28 May 2019
<input type="radio"/>	201905233	Apple Inc	iPhone 6S (A1688)	Apple iPhone 6S (A1688)	35353533,35353530	27 May 2019
<input type="radio"/>	201905149	Apple Inc	fsdfsf	Reli-123_KriknTri	01946881	14 May 2019
<input type="radio"/>	2019051410	Apple Inc	Test Model	Test Marketing	01403704	14 May 2019
<input type="radio"/>	201905148	Apple Inc	Test Model	Test Marketing	01403703	14 May 2019
<input type="radio"/>	201905147	Apple Inc	Test Model	Test Marketing	01403702	14 May 2019
<input type="radio"/>	201905146	Apple Inc	Test Model	Test Marketing	01403701	14 May 2019
<input type="radio"/>	201905088	Apple Inc	fsdfsf	Reli-123_KriknTri	01863489	08 May 2019
<input type="radio"/>	201905087	Apple Inc	fsdfsf	Reli-123_KriknTri	01763489	08 May 2019
<input type="radio"/>	2019032650	Apple Inc	iPhone 6S Plus (A1687)	Apple iPhone 6S Plus (A1687)	35323110,35323010	27 Mar 2019

Figure 79 Select TAC Application to Repeat

The user can select the application to be copied. The details of the application selected will be displayed in the new TAC application form. The quantity of TAC will be empty.

The user can edit details, enter the TAC quantity, as required, and submit the new TAC application form. The user has to undergo the Supported Frequency Bands Confirmation process and based on the results, Scenario 1 or Scenario 2 as stated in Pages 63, 64 & 65 will be applicable when the TAC Application is submitted.

**IMEI DATABASE** Go to NSX dashboard | Logged in as : 424/MANU/214424  
Silk Cell FZCO United Arab Emirates  
424/MANU/214424 | User Profile | Logout

### TAC Application Request Form

Reference Documents : TS06 | TS30

● **DEVICE DETAILS**   
 ● MANUFACTURING DETAILS   
 ● OS   
 ● BAND PROFILE   
 ● DEVICE CERTIFICATION BODIES   
 ● REVIEW

**Applicant Name**  
SILK CELL FZCO

**Brand Name**  
General Luxe

**Model Name**  
General Luxe 216

**Quantity of TAC Required**  
[Empty field]

**Does your device type listed above connect via NTN?**  3GPP NTN Only  3GPP NTN & TN  No

**Does your device support removable UICC?** Yes  No

**How many removable UICC does the device support**  
0 UICC

**Does your device support Non removable UICC?** Yes  No

**How many Non removable UICC does the device support**  
0 UICC

**Does your device support Network-specific Identifier?** Yes  No

**How many Network-specific Identifier does the device support**  
2

**Total number of IMEI used in the device**  
2

**Does the device support NFC?**  Yes  No

**Does the device support WLAN?**  Yes  No

**Does the device support BLUETOOTH?**  Yes  No

**Does the device support authenticated IMS Emergency call?**  Yes  No

**Does the device support unauthenticated IMS Emergency call?**  Yes  No

**Does the device support IMS Emergency call without UICC?**  Yes  No

**Applicant Email**  
qa\_testing@verusgeo.com

**Equipment Type**  
Mobile Phone/Feature phone

**Marketing Name**  
216

**Does your device support removable eUICC?** Yes  No

**How many removable eUICC does the device support**  
0 eUICC

**Does your device support Non removable eUICC?** Yes  No

**How many Non removable eUICC does the device support**  
0 eUICC

**Total number of SIM Slots in the device**  
2

**Note**

- Applicant Name - Accepts characters a-z, upper or lower case, dot and space only
- Unmanned Aerial System (UAS) / Unmanned Aerial Vehicle (UAV)
- The maximum quantity of eUICC/UICC supported by the modem must be provided on the TAC Application form. The maximum quantity of IMEI used in the Modem must be provided on the TAC application form.
- Model Name, Marketing Name fields comply to the following rules.
  - Accepts Alphabets a-z [upper,lower]
  - Accepts numbers [0-9]
  - Accepts special characters [ ] + - \_ . : ; \ ' [ ] /
  - Accepts only ASCII Characters.
  - Length shall be less than 50 Characters.
  - Shall not contain leading or trailing spaces.
  - Shall not contain consecutive spaces and special characters.
  - Shall contain alphabets or numbers.
  - Shall not start with ' \ ' /
  - Shall not end with ' \ ' /
  - Brackets / Parenthesis shall be paired.
- You are eligible to request unlimited TACs, with up to 50 open applications at any one time.
- If only Non-Removable UICC and/or eUICC are selected then please indicate the sim slot as "0". If only Network-specific Identifier(s) is/are selected then the number of SIM slot should be zero in most cases. Please ensure to only indicate the total number of physical SIM slots the device will support.
- If multiple UICC/eUICC/NSI are selected then you must indicate the quantity of IMEI that will be used in the devices. The number of IMEI is the same as the total quantity of UICC/eUICC/NSI selected with lower values as an option.
- At least 1 Network-specific Identifier should be selected when UICC and eUICC are 0.
- For more information about the implementation of Multiple SIM in devices. Refer [TS 37](#)

**Next**

Figure 80 TAC Application Form with Repeat TAC details filled in

## 15. Edit TAC

The manufacturer/brand owner can use the Edit TAC feature to make changes to the TAC details previously approved.

The TACs mapped to a single model specification can be modified as a group. All the TACs mapped to the specific model will reflect the new values. The TAC certificate will be generated with the new values.

However, there are restrictions to edit a few details of the TAC.

## TAC Edit Restrictions

- We have seen an increase in the details of TAC changing, after applications have been processed. This places an unnecessary burden on our appointed Reporting Bodies. At a time when IMEI security and fraud issues are on the increase the GSMA have updated the TAC edit form logic in the interests of the wider community.
- Hence fields for Applicant, Brand and Model name, together with Equipment Type and OEM cannot be changed in the Edit Application
- These fields can only be changed by writing to IMEIhelpdesk@gsma.com, marking in the subject header: TAC Edit Change Request. All applicants applying for a change request need to provide a legitimate business reason for requesting an edit.
- For the Brand name or Model name, corrective typos will be allowed but not fundamental name changes. In circumstances where names have changed this will require a completely new TAC application.
- Refer FAQs on the imeidb.gsma.com website for more details on how to make changes to these fields.

To edit a TAC application, the Manufacturer / Brand Owner must login to the IMEI Database account and select the menu **'TAC Management > Edit TAC'**.

The list of approved TAC applications will be displayed as shown in Figure below. The page will list the TAC applications and the TAC codes mapped to the application. The IMEI applicant can search the list by providing an application request ID or by providing the TAC code.

Upon search, the page will display the matching application request ID.

Approved TACs List					
Search By :		Show All	<input type="text"/>	Go	1 - 10 of 1773
Select	Application Request ID	Organisation Name	Organisation ID	TACs mapped to the Application request Id	Allocation Date
<input type="radio"/>	2017011314	Apple Inc	310/MANU/205157	35216289	13 Jan 2017
<input type="radio"/>	201612093	Apple Inc	310/MANU/205157	35005696	13 Jan 2017
<input type="radio"/>	201612143	Apple Inc	310/MANU/205157	35260055	13 Jan 2017
<input type="radio"/>	201701131	Apple Inc	310/MANU/205157	35200289	13 Jan 2017
<input type="radio"/>	2017011911	Apple Inc	310/MANU/205157	35698156	13 Jan 2017
<input type="radio"/>	201701102	Apple Inc	310/MANU/205157	01010505	05 Jan 2017
<input type="radio"/>	201612283	Apple Inc	310/MANU/205157	35987415	20 Dec 2016
<input type="radio"/>	2016111529	Apple Inc	310/MANU/205157	35582108,35582208,35582308	16 Nov 2016
<input type="radio"/>	2016111531	Apple Inc	310/MANU/205157	35580808,35580908,35581008,35581108,35581208	16 Nov 2016
<input type="radio"/>	2016111532	Apple Inc	310/MANU/205157	35581608,35581708,35581808,35581908,35582008	16 Nov 2016

View Next > Last >

Figure 82 - List of Allocated TACs

Select the application request ID and click "View". The Edit form will be displayed as shown in Figure below with previously provided details.

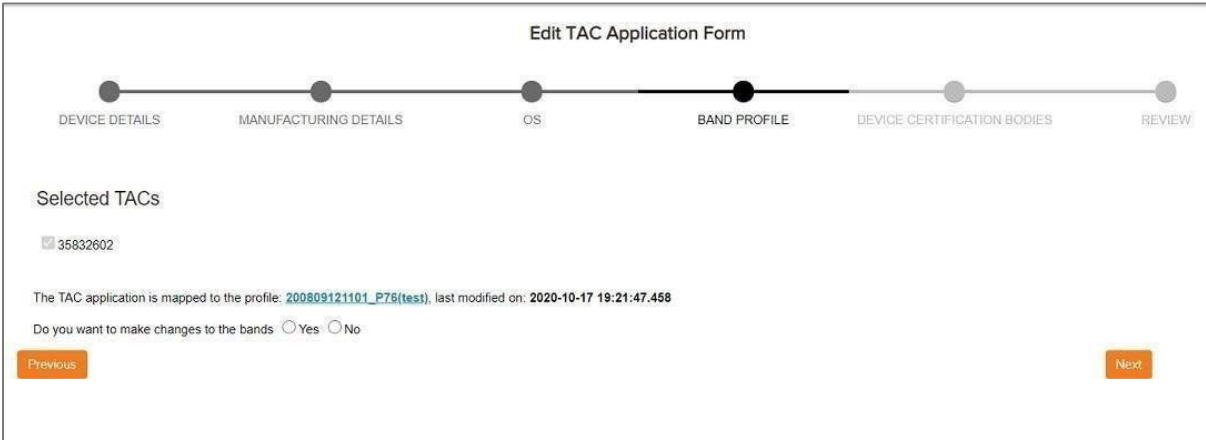
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The Edit TAC application will display multiple page forms like the TAC application form. The sections of the Edit TAC application will be filled in with the values provided in the TAC application or updated in the previous Edit application.

The rules applied to TAC application will be applicable to the Edit TAC application too. Refer Section **Rules for the creation of the “Model Name”, and “Marketing Name” fields** for the TAC application rules.

### Band Profile

The Band Profile mapped to the TAC application will be displayed in the Band Profile section. In case the applicant wants to update the band profile, click on ‘Yes’ for ‘Do you want to change the Band Profile’. The list of completed Band Profiles will be displayed. Select the new Band Profile and continue the Edit TAC application.



The screenshot displays the 'Edit TAC Application Form' interface. At the top, a progress bar indicates the current step is 'BAND PROFILE', with other steps being 'DEVICE DETAILS', 'MANUFACTURING DETAILS', 'OS', 'DEVICE CERTIFICATION BODIES', and 'REVIEW'. Below the progress bar, the 'Selected TACs' section shows a single entry: '35832602'. A message states: 'The TAC application is mapped to the profile: [200809121101\\_P76\(test\)](#), last modified on: 2020-10-17 19:21:47.458'. Below this, there is a question: 'Do you want to make changes to the bands' with radio buttons for 'Yes' and 'No'. At the bottom, there are 'Previous' and 'Next' buttons.

Figure 83 Edit Application showing Band Profile mapped

## IMEI Database – Manufacturer / Brand Owner – User Guide

**Edit TAC Application Form**

● — ● — ● — **●** — ● — ●

DEVICE DETAILS
MANUFACTURING DETAILS
OS
**BAND PROFILE**
DEVICE CERTIFICATION BODIES
REVIEW

**Selected TACs**

35832602

The TAC application is mapped to the profile: [200809121101\\_P76\(test\)](#), last modified on: **2020-10-17 19:21:47.458**

Do you want to make changes to the bands?  Yes  No

Select the Band Profile supported by the device

Select	Profile Name	Profile Date	Mapped TACs	Status
<input type="radio"/>	200812172201_E01A(test1)	2020-10-15 19:52:23.0	35222803	<a href="#">View Bands</a>
<input type="radio"/>	200812152701_E01D(test)	2020-10-15 19:52:21.0	35217903	<a href="#">View Bands</a>
<input type="radio"/>	200811272701_LT A1800(test)	2020-10-15 19:52:20.0	35175903	<a href="#">View Bands</a>
<input type="radio"/>	200811171401_LT U68(test)	2020-10-15 19:52:19.0	35996002	<a href="#">View Bands</a>
<input type="radio"/>	200809121101_P76(test)	2020-10-15 19:52:16.0	35832602	<a href="#">View Bands</a>
<input type="radio"/>	200809244201_LT C89(test)	2020-10-15 19:52:16.0	35860602	<a href="#">View Bands</a>

Previous
Next

Figure 84 Edit Application showing list of Band Profile

On selecting a Band Profile, ‘**Supported Frequency Bands Confirmation**’ page will pop up with six questions and answers for you to confirm, the Bands in the selected Profile match with the Bands your device supports by answering the six questions.

The IMEI applicant can make changes to the form and submit.

On successful submission, a New Application Request Id will be created, and an email will be sent to the reporting body. A copy of the email is sent to the applicant and the main contact of the organization.

If the user selects a new Band Profile for the TAC, based on the results of the Supported Frequency Bands confirmation process, the Scenario 1 or Scenario 2 as given in the Page 64 & 65 will be applicable when the Edit TAC Application is submitted.

**Tac Application is Modified.**

New Application Request Id : 201701242. Please note the application request ID for further reference

Mail Information is sent to the following contacts

Reporting Body	: radhakrishnak@venusgeo.com
Manufacturer Main Contact	: radhakrishnak@venusgeo.com
Applicant	: jyothsna.s@venusgeo.com

Figure 85 EDIT TAC Success Page

The reporting body can approve, reject or put the application on hold.

Upon approval by the reporting body, the new values provided by the Manufacturer / Brand Owner are updated to the device specification and a new TAC certificate is generated for each TAC code associated with the application.

## 16. Edit TAC on Hold

Upon the reporting body putting an Edit TAC application on Hold, the Applicant will receive an email confirming the same. The reason for the hold will be provided by the reporting body and the same will be shown in the email.

The Applicant should edit the application to modify the details as requested by the reporting body and re-submit the application. To view the applications on hold, the applicant should login to the IMEI Database and select the menu '**TAC Management > Edit TACs On Hold**'.

The applications that are put on Hold are listed on the top of the page. Select the application to edit and click 'View' s shown in Figure below.

Select	Application Request ID	Manufacturer	Model Name	Marketing Name	Application Date
<input type="radio"/>	201701125	Apple Inc.	ddd	dddf	12 Jan 2017
<input type="radio"/>	201612141	Apple Inc.	Mod-12536	Mar-321	14 Dec 2016

Figure 86 Edit TAC Application on Hold List



## 17. Reserved TAC

Brand owners who have purchased subscription can opt for Reserved TACs. Reserved TACs allow brand owners to get TAC numbers before their production starts and allocate the Reserved TAC once their production is ready for market release.

Reserved TACs are allocated by the system automatically based on the request. The Reserved TACs are not shared with any third-party users unless they are allocated. Applying for a Reserved TAC does not require device details.

### Apply Reserved TACs

Brand owners in active subscription will see a menu 'Reserved TAC > Apply Reserved TAC'. The brand owners can apply up to 300 reserved TACs. To apply for more than 300 Reserved TACs, the brand owners should allocate the existing Reserved TACs before applying for more.

Once the user clicks the 'Apply Reserved TAC' menu, you will see a form as shown below. The note on top of the quantity field will show the number of Reserved TACs active and how much more can be applied.



Apply Reserved TAC

Reserved TACs active or under process: 485. You can now apply a maximum of 15 reserved TACs.

Provide the quantity of TAC required

Apply Cancel

Figure 88 Reserved TAC Apply form

Provide the number of Reserved TACs required and submit. The system will generate a list of Reserved TACs for the total entered and an email is sent to the main contact confirming the Reserved TACs are assigned.

Note: The Reserved TACs should be allocated within 12 months from the date the Reserved TAC was applied otherwise the Reserved TACs will expire and the brand owner may lose the Reserved TAC

The assigned Reserved TACs can be viewed from the menu 'Reserved TACs -> View Reserved TACs'. The list as shown below will be displayed.

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Request ID	TAC	Reserved Date	Expiry Date	Days Left For Expiry	Status
2020091730	35691850	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35274053	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35437215	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35744255	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35080178	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35936190	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35269475	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35991751	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35035433	17-Sep-2020	17-Sep-2021	330	Not Allocated
2020091730	35390026	17-Sep-2020	17-Sep-2021	330	Not Allocated

Figure 89 List of Reserved TACs Applied

The status of the Reserved TACs can be seen in the ‘Status’ column. There are 4 statuses

Applied -> Reserved TACs are assigned to the organization

Allocated -> Reserved TACs are allocated with device details and available to third-party

Expired -> The Reserved TACs not allocated within 12 months of assigning and expired. Cannot be allocated.

### Allocate Reserved TACs

Once the device is ready to release or a date when the brand owner feels the device details can be shared with the third-parties and operators, the brand owner can allocate the Reserved TAC by providing the device details. The Allocate Reserved TAC is like the TAC application, however, in this case, a new TAC will not be allocated but the Reserved TAC will be used.

To allocate a Reserved TAC, click the menu ‘Reserved TAC -> Allocate Reserved TAC’. The list of active Reserved TACs will be listed as shown below. The active Reserved TACs are grouped by the date of the Reserved TAC applied.

**Allocate Reserved TACs**

Select the reserved TACs to allocate

**Request ID : 2020091512**  
 35987056

**Request ID : 2020081837**  
 Select all the TACs in a Request Id

<input type="checkbox"/> 35421768	<input type="checkbox"/> 35228718	<input type="checkbox"/> 35816696	<input type="checkbox"/> 35494844	<input type="checkbox"/> 35052422	<input type="checkbox"/> 35082779	<input type="checkbox"/> 35797431
<input type="checkbox"/> 35073864	<input type="checkbox"/> 35939464	<input type="checkbox"/> 35845228	<input type="checkbox"/> 35590655	<input type="checkbox"/> 35553135	<input type="checkbox"/> 35788342	<input type="checkbox"/> 35544655
<input type="checkbox"/> 35860732	<input type="checkbox"/> 35588358	<input type="checkbox"/> 35595152	<input type="checkbox"/> 35516776	<input type="checkbox"/> 35324391	<input type="checkbox"/> 35812972	<input type="checkbox"/> 35775499
<input type="checkbox"/> 35444891	<input type="checkbox"/> 35721740	<input type="checkbox"/> 35893429	<input type="checkbox"/> 35201186	<input type="checkbox"/> 35687621	<input type="checkbox"/> 35700118	<input type="checkbox"/> 35662644
<input type="checkbox"/> 35513153	<input type="checkbox"/> 35530561	<input type="checkbox"/> 35483414	<input type="checkbox"/> 35091369	<input type="checkbox"/> 35976312	<input type="checkbox"/> 35314276	<input type="checkbox"/> 35376818
<input type="checkbox"/> 35678995	<input type="checkbox"/> 35277175	<input type="checkbox"/> 35344285	<input type="checkbox"/> 35757015	<input type="checkbox"/> 35784336	<input type="checkbox"/> 35875826	<input type="checkbox"/> 35973974
<input type="checkbox"/> 35283325	<input type="checkbox"/> 35093541	<input type="checkbox"/> 35113393	<input type="checkbox"/> 35463824	<input type="checkbox"/> 35661059		

**Request ID : 2020062303**  
 Select all the TACs in a Request Id

<input type="checkbox"/> 35279711	<input type="checkbox"/> 35300311	<input type="checkbox"/> 35300411	<input type="checkbox"/> 35300511	<input type="checkbox"/> 35300611	<input type="checkbox"/> 35300711	<input type="checkbox"/> 35300811
<input type="checkbox"/> 35300911	<input type="checkbox"/> 35301011	<input type="checkbox"/> 35301111	<input type="checkbox"/> 35301211	<input type="checkbox"/> 35301311	<input type="checkbox"/> 35301411	<input type="checkbox"/> 35301511
<input type="checkbox"/> 35301611	<input type="checkbox"/> 35301711	<input type="checkbox"/> 35301811	<input type="checkbox"/> 35301911	<input type="checkbox"/> 35302011	<input type="checkbox"/> 35302111	<input type="checkbox"/> 35302211
<input type="checkbox"/> 35302311	<input type="checkbox"/> 35302411	<input type="checkbox"/> 35302511	<input type="checkbox"/> 35302611	<input type="checkbox"/> 35302711	<input type="checkbox"/> 35302811	<input type="checkbox"/> 35302911

Figure 90 Allocate Reserved TACs screen showing list of Reserved TACs yet to be allocated

Select the Reserved TACs to allocate from the list. The maximum number of the Reserved TACs that can be allocated per application follows the same rules as the number of TACs that can be applied in a regular TAC application, that is, a maximum of 50 Reserved TACs can be selected or the maximum number of Reserved TACs selected makes a total of 50 pending TAC applications.

### New TAC Application or Repeat TAC Application

When the brand owner selects the Reserved TACs and clicks 'submit', the system will ask the user to select whether they want to apply a new TAC application or use Repeat TAC application. When the user clicks new TAC application, the new TAC application as shown below will be displayed. The new TAC application process will follow (see section <>). However, the system generation of TAC numbers for the TAC application will not be applicable since the Reserved TACs selected for the TAC application will be used.

The user can select Repeat TAC application by selecting the application they want to repeat for the new allocated Reserved TAC. The device details are already filled and saves times for the brand owner (see section 13)

Once the TAC application is approved by the GSMA reporting body, the TAC certificate for each of the Reserved TACs allocated in the TAC application will be sent in an email to the main contact.

## 18. TAC Certificate Download

The Manufacturer / Brand Owner can download their TAC certificate by logging into their account and using the menu 'Reports > Download TAC Certificate' as shown below.

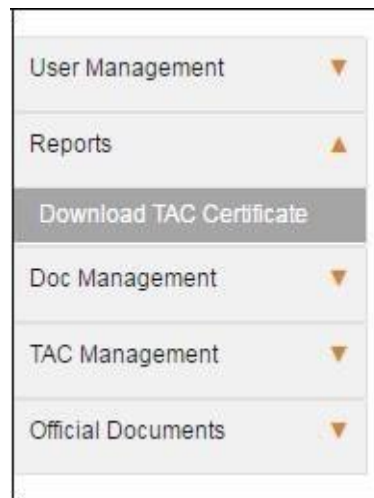


Figure 91 – Download TAC Certificate

Enter the TAC code for which the certificate is required and click submit as shown below.

The form is titled 'Download TAC Certificate'. Below the title, it says 'Provide the 8 digit TAC code to download the PDF version of the TAC Certificate.' There is a text input field containing '35751208' and an orange 'Download' button to its right. Below the input field, there is a 'Note :' section with three numbered instructions: 1. The TAC Certificate will be sent in an email to the registered main contact of the organisation; 2. You can download only the TAC Certificates allocated for your organisation; 3. In case of any discrepancies in the downloaded TAC Certificate, please contact imeihelpdesk@gsma.com.

Figure 92 - TAC Entry form

The PDF format of the TAC certificate will be emailed to the main contact of the Manufacturer / Brand Owner and a message as shown below will be displayed.



Figure 93 TAC Certificate Emailed - Success Page

## 19. View TAC Details

The Manufacturer / Brand Owner can download the specification of a device in text format. Go to the menu **'TAC Management > View Existing TAC Details'**.

The screenshot shows the 'Approved TACs List' interface. The left sidebar has 'View Existing TAC Details' highlighted. The main content area features a search bar and a table with the following data:

Select	Application Request ID	Organisation Name	Organisation ID	TAC	Allocation Date
<input type="radio"/>	202208231	Samsung Korea	450/MANU/210005	35603645.35587156	23 Aug 2022
<input type="radio"/>	202208221	Samsung Korea	450/MANU/210005	35412922.35833717	22 Aug 2022
<input type="radio"/>	2022081818	Samsung Korea	450/MANU/210005	35825287	18 Aug 2022
<input type="radio"/>	202207232	Samsung Korea	450/MANU/210005	35804880.35540541	23 Jul 2022
<input type="radio"/>	202208184	Samsung Korea	450/MANU/210005	01122698	14 Jul 2022
<input type="radio"/>	202207135	Samsung Korea	450/MANU/210005	35760198	13 Jul 2022
<input type="radio"/>	2022071312	Samsung Korea	450/MANU/210005	35669426	13 Jul 2022
<input type="radio"/>	202207115	Samsung Korea	450/MANU/210005	35166425	09 Jul 2022
<input type="radio"/>	202207071	Samsung Korea	450/MANU/210005	35123657	04 Jul 2022
<input type="radio"/>	2019032221	Samsung Korea	450/MANU/210005	35080452.35407766	30 Jun 2022

Figure 94 View Existing TAC Menu

Clicking the View Existing TAC Details. The application will display the list of TACs approved for that user.

This screenshot is identical to Figure 94, showing the 'Approved TACs List' table. The 'View' button at the bottom left is highlighted in orange, indicating it is the next step to click.

Figure 95 Approved TACs List

Select the Application Request ID and click “View” to view the TAC details. The application will display the details of the TAC application along with the allocated TAC details.

# IMEI Database – Manufacturer / Brand Owner – User Guide

**IMEI DATABASE**

Go to My Account
Logged in as: 450MANU210005  
Samsung Korea, Korea, Republic of  
450MANU210005
User Profile | Logout

- TAC Management
- Brand Profile
- User Management
- Reports
- Doc Management
- Official Documents

## TAC Application Details

DEVICE DETAILS
04001 01 1004 5

Application Request ID: 202507152

### Organisation Details

Organisation ID	450MANU210005
Organisation Name	Samsung Korea
Address	DongIlseon,PO Box 105, Daejeong-Du 443-742, Suwon, Gyeonggi-Do
Country	Korea, Republic of
Applicant Name	Mr Hyeon Ji
Applicant Email	qa_testing@samsung.com

### Manufacturing Details

Manufacturer ID	450MANU210005
Manufacturer Name	Samsung Korea
Address	DongIlseon,PO Box 105, Daejeong-Du 443-742, Suwon, Gyeonggi-Do, Korea, Republic of
Country	Korea, Republic of
Contact Name	Mr Juhoo Jang
Contact Email	qa_testing@samsung.com

### Device Details

Brand Name	Samsung
Equipment Type	Satellite
Model Name	Z
Marketing Name	Z
Number of Removable UICC Supported	1 UICC
Number of Removable eUICC Supported	0 eUICC
Number of Non-Removable UICC Supported	0 UICC
Number of Non-Removable eUICC Supported	0 eUICC
Number of Network-specific Identifier Supported	0
Total number of SIM Slots in the device	2
Total number of IMEI used in the device	1
Operating System	Android

### Other Details

Does your device type label above connect via NTN?	3GPP NTN & TN (NGSC)
Does the device support NFC?	Yes
Does the device support BLUETOOTH?	Yes
Does the device support WLAN?	Yes
Does the device support authorized IMS Emergency call?	No
Does the device support unauthenticated IMS Emergency call?	No
Does the device support IMS Emergency call without UICC?	No
Device Certification Index	NA

### Allocated TACs

05171081

Back to List
Next Page

Band profile Details									
5G Bands Supported									
Category	Band	Band within Band	MIMO Layers in Downlink	MIMO Layers in Uplink	Supported Uplink Modulation Order	Supported Downlink Modulation Order			
5G New Radio (NR) Standalone	n1		No Layers	No Layers	No Optional Modulation	No Optional Modulation			
5G New Radio (NR) Standalone	n5		No Layers	No Layers	No Optional Modulation	No Optional Modulation			
5G New Radio (NR) Standalone	n20		No Layers	No Layers	No Optional Modulation	No Optional Modulation			
5G New Radio (NR) Standalone intra-band Carrier Aggregation (CA) (FR1)	CA_n77	n77	No Layers	No Layers	No Optional Modulation	No Optional Modulation			
5G New Radio (NR) Standalone inter-band CA between FR1 and FR2	CA_n8-n258	n8	No Layers	No Layers	No Optional Modulation	No Optional Modulation			
		n258	No Layers	No Layers	No Optional Modulation	No Optional Modulation			
5G Series									
5G Series Supported			5G-2Series,5G-7Series						
CA Bands Supported									
Category	Band	Band within Band	MIMO level supported in Downlink	MIMO level supported in Uplink	Combinations modulation scheme Downlink	Combinations modulation scheme Uplink	Maximum contiguous bandwidth in Downlink	Maximum contiguous bandwidth in Uplink	Maximum power class supported by the device UP link
Inter-band Carrier Aggregation (CA) operating bands and configurations	CA_1A-3A-5A	1A	4x4	4x4	1024	1024	C	C	3
		3A	4x4	4x4	1024	1024	C	C	3
		5A	4x4	4x4	1024	1024	C	C	3
E-UTRA Bands Supported									
4G not supported									
EUTRA / LTE / 4G Category Support									
LTE not supported									
LPWAN Support									
Does your device support EC-GSM-IoT?	Yes					NA			
Does your device support Cat-NB1?	Yes					NA			
Does your device support Cat-NB2?	Yes					NA			
Cat-NB E-UTRA (LTE) FDD	Yes					LTE FDD BAND 1,LTE FDD BAND 2,LTE FDD BAND 3,LTE FDD BAND 5			
Cat-NB E-UTRA (LTE) TDD	Yes					LTE TDD BAND 35,LTE TDD BAND 36,LTE TDD BAND 37			
Does your Cat-NB device support multicast	No					NA			
Does your device support Cat-M1?	No					NA			
Does your device support Cat-M2?	No					NA			
Cat-M E-UTRA (LTE) FDD	No					NA			
Cat-M E-UTRA (LTE) TDD	No					NA			
Does your Cat-M device support multicast	No					NA			
2G and 3G Bands Supported									
Band	Frequency								
WCDMA FDD	WCDMA FDD Band 1								
Radio Interface									
Radio Interface Supported			NONE						

Figure 96 Click print to download a text file of TAC detail

## 20. Manage Users

The main contact has the privilege to add Secondary Users to their account to manage the Band Profile only. Go to the menu **User Management -> Manage Users**.

## IMEI Database – Manufacturer / Brand Owner – User Guide

IMEI DATABASE

Go to NSX dashboard

Logged in as : 460/MANU/862973  
Shenzhen Aixuebao Technology Limited Company, Mainland China  
460/MANU/862973

User Profile Logout

### Manage Users

Organisation Name: Shenzhen Aixuebao Technology Limited Company

Country: Mainland China

Total Users : 3

Search By: Show All

Select	User Name	First Name	Last Name	Contact Type	Email	Telephone
<input type="radio"/>	SCUSER3	Sri	Dhamu	Secondary User	sridharan@venusgeo.com	6325987456
<input type="radio"/>	UUUU1	Sri	Dhamu	Secondary User	sridharan@venusgeo.com	6325987456
<input type="radio"/>	FINAL01	Final	Test	Secondary User	sridharan@venusgeo.com	6325987456

Add Delete Modify

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Figure 97 Manage Users Menu

To add new users, click **Add** icon and the Create New Users form as given in Figure 87 will open. Organization Name, Organization ID, County and Contact Type are non-editable fields. The user details can be filled and submitted. On successful submission, the newly added secondary contact will receive the Username and Password to login to the IMEI database to perform the Band Profile functionalities.

One TAC Allocation account can have a maximum of 5 secondary user accounts created. To modify any information of the existing users like Job Title or Email ID, select the respective user account and click **Modify** icon. Modify the required fields and submit.

**Delete** option can be used to delete any of the existing secondary users if their account is no longer required or to add any new user if the existing users count is already 5.

Figure 98 Add Secondary Users Form

**Secondary Users** added to the IMEI database will have the privilege to create, modify and archive the Band Profiles. Their Band Profile activities will be saved and be accessible from the TAC Allocation account. The main contact can map the Band Profiles created/modified by the Secondary Users to a TAC application or Edit TAC application.

The system will restrict the login of two Secondary Users of the same organization when trying to access the IMEI database at the same time.

# IMEI Database – Manufacturer / Brand Owner – User Guide

**IMEI DATABASE** | Logged in as: YYYY1 | Samsung Korea, Korea, Republic of | 450/MANU/210005 | User Profile | Logout

**List of Band Profiles**

Create New Profile | Search By: Show All | Go

Select	Profile Name	Created Date	Last Modified On	Mapped TACs	Status	Has Deprecated Frequency Bands
<input type="radio"/>	Draft1	09 Dec 2022	09 Dec 2022	NA	Draft	No
<input type="radio"/>	draft	09 Dec 2022	09 Dec 2022	NA	Draft	No
<input type="radio"/>	Tets23	09 Dec 2022	09 Dec 2022	NA	Complete	No
<input type="radio"/>	qsdfv	07 Dec 2022	07 Dec 2022	NA	Draft	No
<input type="radio"/>	qsdfcv	07 Dec 2022	07 Dec 2022	35070780	Complete	No
<input type="radio"/>	Test123SDFDS	07 Dec 2022	07 Dec 2022	35500671,35698846,35151022	Complete	No
<input type="radio"/>	ISUUETEST	24 Nov 2022	24 Nov 2022	NA	Failed	No
<input type="radio"/>	dfgh	16 Nov 2022	16 Nov 2022	35095882	Complete	No
<input type="radio"/>	gfdg	16 Nov 2022	16 Nov 2022	NA	Complete	No
<input type="radio"/>	Zfsdg123	16 Nov 2022	16 Nov 2022	NA	Complete	No

Modify | Copy | Archive | 10 per pag | << First | < Prev | 1 of 292 | Next > | Last >>

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Figure 99 Secondary User Dashboard

## 21. View Terms and Conditions

To view the Terms and Conditions you can go to the [TAC Management](#) menu and click “[View Terms & Conditions](#)”. The T&C page as shown below will be displayed.

**IMEI DATABASE** | Go to NSX dashboard | Logged in as: 450/MANU/210005 | Samsung Korea, Korea, Republic of | 450/MANU/210005 | User Profile | Logout

**条件与条款**

TERMSANDCON... | 1 / 16 | 49% | + | - | [Print] | [Close]

1

2

谷歌浏览器

1. 打开浏览器菜单
2. 去设置
3. 点击高级
4. 在隐私与安全下，点击内容设置
5. 点击 PDF 文件
6. 关闭打开的 PDF 文件，使用其他应用

火狐浏览器

1. 打开浏览器菜单
2. 导航到选项按钮
3. 选择工具栏上的应用
4. 在应用中可见“便携式文档格式”选项
5. 选择用 Firefox 预览

苹果浏览器

1. 打开浏览器菜单
2. 导航到首选项
3. 点击“首选项”
4. 在弹出的新窗口进行安全设置
5. 出现可用插件列表
6. 选择 Adobe Reader 插件的“始终允许”选项

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Figure 100 Terms and Conditions

## 22. Official Documents

The Manufacturer / Brand Owner can download official documents in the PDF/Adobe Acrobat format. Go to the menu 'Official Documents > Download' as shown below.



The screenshot displays a webpage titled "Official Documents" with a sub-header "(Click the link to open or download the documents.)". The page lists several technical specifications (TS) with their respective file formats and brief descriptions:

- TS.06 V27.0 - IMEI Allocation and Approval Process**  
File Format: PDF/Adobe Acrobat  
July 15,2025 ... This document outlines the allocation principles applicable to the International Mobile Equipment Identity (IMEI) numbers.
- TS.30 - IMEI Database Application Forms Version 25.0**  
File Format: PDF/Adobe Acrobat  
July 05,2025 ... TS.30 provides information which will help manufacturers with the completion and submission of the different application forms used within the IMEI Database.
- TS.33 TAC Allocation Process Rest of the World V1.0**  
File Format: PDF/Adobe Acrobat  
Jan 13,2016 ... This document complements TS.06 IMEI Allocation and Approval Process and provides guidance on the information that manufacturers will need to supply when registering in the GSMA IMEI database and applying for TAC Download.
- TS.37 V9.0 PRD - Requirements for Multi SIM Devices**  
File Format: PDF/Adobe Acrobat  
Jul 1,2021 ... This document lays out a minimum set of requirements intended to ensure multi SIM devices show consistent behaviour. The requirements relate only to device platform elements such as hardware, protocol stack and operating systems.
- TS.42 V6.0 - Multi SIM Devices Requirements Test Cases**  
File Format: PDF/Adobe Acrobat  
Jul 1,2021 ... This document consists of a set of test cases relevant for testing a device supporting multiple SIMs.
- TS.44 V1.0 - Operator Name Display on a Smartphones**  
File Format: PDF/Adobe Acrobat  
Jul 3,2018 ... The purpose of this document is to define simple requirements to ensure customers have consistent access to the operator name and network connection status.
- IMEI Applicant User Guide v19.0**  
File Format: PDF/Adobe Acrobat  
July 15,2025 ... User Experience Guidance Document.
- IMEI Applicant Terms and Conditions**  
File Format: PDF/Adobe Acrobat  
JAN 12,2024 ... Manufacturer / Brand Owner should comply with the GSMA Terms and Conditions.

Figure 101 Official Documents

## 23. View Profile

If a Manufacturer / Brand Owner wishes to view their profile, then the Manufacturer / Brand Owner must follow the below procedure.

- 1) Manufacturer / Brand Owner must login.
- 2) Once the login is done the Dashboard page will appear for the Manufacturer / Brand Owner.
- 3) You can see the user profile icon on top right of the page as shown below.

The screenshot displays the user profile interface for a manufacturer. At the top right, it shows the user is logged in as '404/MANU910432'. A yellow callout box highlights the user profile icon in the top right corner, with the text: "Manufacturers/Brand Owner must click this icon to view the User Profile".

The main content area is titled "Organisation Profile" and includes the following sections:

- Regular Usage:** A table showing usage statistics.

Total TAC(s) Purchased	Total TAC(s) Allocated	No of TAC credits in hand
5	0	5
- Organisation Details:** Information for Milenium Technologies, including registration number, address, and contact details.
- Brand Details:** Information for the brand MELBON, including the brand certificate number.
- Contact:** Lists primary and secondary contacts, including names, titles, phone numbers, and email addresses.
- Business Q & A:** A table of questions and answers regarding GSMA membership and device manufacturing.

Question	Answer
My Company is a GSMA Member?	no
Do you manufacture & sell devices under your own brand name?	yes
Do you manufacture devices which are sold under other companies brand names?	no
Do you sell device under your brand name, which are made by other manufacturers?	yes
Are you aware of GSMA IMEI Allocation and Approval Process (TS06 & TS30)?	yes

Figure 102 User Profile Icon

- 4) Once the Manufacturer / Brand Owner clicks user profile icon the user profile of the Manufacturer / Brand Owner will be displayed as shown below.

The screenshot displays the 'Organisation Profile and Dashboard' interface. At the top right, it shows the user is logged in as 'sandisk Albania' with ID '276(MANU)123456'. The dashboard includes a 'Regular Usage' summary table:

Regular Usage	Total TAC(s) Purchased	Total TAC(s) Allocated	No of TAC credits in hand
	3	2	1

The 'Organisation Details' section contains the following information:

Company Name	sandisk
Company Registration Number	549IUMNOI002700
Address	Private Bag, Maluafou HQ, ofu.pdf,4564567878,Albania
Telephone Number	1234567890
Website	
ISO 9000 Certification Body	
ISO 9000 Certification Number	

The 'Contact Details' section is divided into Primary and Secondary contacts:

Contact - Primary	Contact - Secondary
Miss haritha p	Miss haritha p
java trainee	java trainee
1234567890	1234567890
haritha@venusgeo.com	haritha@venusgeo.com

The 'Business Q & A' section contains the following questions and answers:

My Company is a GSMA Member?	no
Do you manufacture & sell devices under your own brand name?	no
Do you manufacture devices which are sold under other companies brand names?	no
Do you sell device under your brand name, which are made by other manufacturers?	yes
Are you aware of GSMA IMEI Allocation and Approval Process (TS06 & TS30)?	no

Figure 103 Organization Profile and Dashboard

## 24. Edit Profile

During Re-Registration / Re-Confirmation the Manufacturer / Brand Owner can change their Organization Details, Contact Details and Business Q & A details.

Apart from Re-Registration / Re-Confirmation if the Manufacturer / Brand Owner wishes to change their Organization Details, Contact Details and Business Q & A, they should contact BAPT ([imei@bapt.com](mailto:imei@bapt.com)) offline, to make the desired changes in their profile.

## 25. Add / Edit Brands

If the Manufacture / Brand Owner desires to add, modify or delete brands they must contact BAPT ([imei@bapt.com](mailto:imei@bapt.com)).

A brand cannot be removed if a TAC is already allocated to a specific Manufacturer / Brand Owner.

## 26. Support

For any clarification or queries regarding the IMEI Database features and functionalities, contact [imeihelpdesk@gsma.com](mailto:imeihelpdesk@gsma.com). The helpdesk contact number can be found at <https://imeidb.gsma.com>.