

# Vodafone Business Managed IoT Connectivity Platform

USER GUIDE

Version 35.0.0



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# **Chapter 1: Vodafone Business Managed IoT Connectivity Platform Version 35.0.0**

The Vodafone Internet of Things (IoT) service offers a future-proof solution for all your IoT-managed connectivity needs. The service enables IoT devices to communicate with your central system, mainly using packet-switched data, but also supporting messaging services, circuit-switched data, and voice calls.

The remainder of this guide describes the available documentation, what's new, and any known issues in this release.

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## Chapter 2: Using the Vodafone Business Managed IoT Connectivity Platform documentation

Vodafone Business Managed IoT Connectivity Platform includes a comprehensive documentation set that explains the crucial concepts behind the application as well as procedures for accomplishing specific tasks. In addition to context sensitive online help that provides answers at your fingertips, the following user guides are available :

Document	Description
Release Notes	Describes what's new in each release of Vodafone Business Managed IoT Connectivity Platform as well as any known issues.
Vodafone Business Managed IoT Connectivity Platform Customer User Guide	Provides an overview of Vodafone Business Managed IoT Connectivity Platform along with instructions for using the Vodafone Business Managed IoT Connectivity Platform .

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## Chapter 3: What's New in the Vodafone Business Managed IoT Connectivity Platform

### Version 35.0.0 - 9 April 2025

- We've improved the flexible reporting capabilities on the Vodafone Managed Business IoT Connectivity Platform to allow users to create report templates - as long as they have the required authorisation levels.

### Version 34.1.0 - 27 March 2025

- We've migrated the SMS inbox - previously only available in the M2M Portal - to the Vodafone Managed Business IoT Connectivity Platform so you can search for and check sent and received SMSs for all your devices, and send an SMS, from within the platform.

### Version 34.0.0 - 25 March 2025

- We've fixed bugs and improved existing functionalities to ensure the best possible experience for Vodafone Business Managed IoT Connectivity Platform users.

### Version 33.0.0 - 5 March 2025

- We've introduced new report template editing capabilities so you can modify report templates as required via the Reports Templates Listing and Search feature on the Vodafone Business Managed IoT Connectivity Platform.
- We've improved the functionality of the SIM History Chart so users with more than one APN can now view Data Session information for multiple APNs simultaneously if required.
- We've added a new APN column to the Recent Usage section of the SIM Details to allow you to get a quick overview of data usage per APN.

## **Version 32.0.0 - 5 February 2025**

- We've improved the reporting capabilities on the Vodafone Managed Business IoT Connectivity Platform to ensure users and organisations can only see reports and templates when the access flag is enabled at organisation level.
- We've updated the user management capabilities on the platform to give you the option to select "Account never expires" rather than setting an expiration date when unblocking a blocked user. This should prevent blocked users being reactivated with a lapsed expiration date.

## **Version 31.0.0 - 9 January 2025**

- We've added a Details panel to the flexible Report Templates section of the Vodafone Business Managed IoT Connectivity Platform. This means you can now view the details of a report template by clicking on the relevant template name in the Reports Templates List, as long as you have the necessary permissions.
- We've enhanced the Global Search function so you can perform a greater range of searches on the platform.

## **Version 30.1.0 - 3 December 2024**

- We've fixed bugs and improved existing functionalities to ensure the best possible experience for Vodafone Business Managed IoT Connectivity Platform users.

## **Version 30.0.0 - 18 November 2024**

- We've added a new Organisations listing feature, with which you can access an Organisations List directly from the Vodafone Business Managed IoT Connectivity Platform Dashboard or home page. However, you will only see this option in the menu on the Dashboard if you have the necessary permissions and are logged in with an organisation that has "child" organisations to be listed.
- We've redesigned the menu on the left side of the Dashboard to make it more intuitive and user friendly. The reorganisation of the menu is designed to streamline workflows, helping you to navigate around the platform and complete tasks more quickly.
- We've simplified the Global Search feature so you can find what you're looking for more easily. As a result, the relevant SIM Details page will now open automatically in a new screen when an MSI, ICCID, or IMEI search yields a single result.

## **Version 29.1.0 - 22 October 2024**

- We've fixed bugs and improved existing functionalities to ensure the best possible experience for Vodafone Business Managed IoT Connectivity Platform users.

## **Version 29.0.0 - 30 September 2024**

- We've updated the Recent Usage section in SIM Details so you can now view the latest SMS activity. To do this, simply click on SMS in the Last Activity Status section of SIM Details.
- We've improved the Batch Operations capability to allow you to set, update, or delete the credentials using a FORMAT01 file upload that lists both the relevant SIMS and the action required - as long as you have the necessary authorisation permissions.

## **Version 28.1.0 - 16 September 2024**

- We've made it easier for Vodafone Business Managed IoT Connectivity Platform users to find existing flexible report templates using a new search function.

## **Version 28.0.0 - 9 September 2024**

- We've added a new Recent Usage section to Sim Details, where you can view the latest voice call and data session activity per APN when you click on the session within the Last Activity Status section.
- We've streamlined the process of creating and editing a scheduled report via the platform.
- We've improved the APN Access Control List capabilities of the platform so you can export all APN Access Control List Member details.
- We've enhanced the accuracy of the RAG status data provided in the SIM List.
- We've made ORS reports downloadable from the platform. When the intended users receive a mail notification that reports are ready, they can therefore navigate to the platform from the mail to download their report rather than finding it attached to the e-mail.
- We've improved SIM Operations so you can now assign an IPv6 to your SIMs using the Set IP Address functionality.

## **Version 27.1.0 - 27 August 2024**

- We've fixed bugs and improved existing functionalities to ensure the best possible experience for Vodafone Business Managed IoT Connectivity Platform users.

## **Version 27.0.0 - 14 August 2024**

- We've enhanced the SIM History Export feature so you can export a more comprehensive version of the table, including individual sessions details.



- We've updated the Batch Operations capability to allow you to add multiple SIMs to a device group using a FORMAT01 file upload - as long as you have the necessary authorisation permissions.
- We've added a new field to the SIM List and a new filter/column to the SIM Details panel so you can see the Home Country of a particular SIM at a glance.
- We've fixed issues in the SIM Details panel to ensure you see up-to-date SIM Registration status and Network details for each SIM.
- We've improved the SIM History Graph by adding historical information on RADIUS Authentication Failures and Administrative Operations.

### **Version 26.0.1 - 24 July 2024**

- We've introduced a new chart to the SIM History section, so you can now view Voice Sessions, as well as Data, SMS, and eUICC Operations usage, in a graphic format.

### **Version 26.0.0 - 15 July 2024**

- We've added eUICC Operations data to the SIM History List so you can find this information quickly and easily via SIM Details.
- We've introduced charts to the SIM History section, so you can now view Data, SMS, and eUICC Operations usage in a graphic format.
- We've created a new Device Management role, Solution Architect, which is now available to users with the necessary permissions.

### **Version 25.0.0 - 10 June 2024**

- We've introduced a new language to the Vodafone Business Managed IoT Connectivity Platform, meaning you can now view the platform in Dutch as well as German, Italian, Spanish, French, Portuguese, and English. To use the platform in a language other than English, simply click on your initials in the top right corner of the Dashboard home page and select Preferences from the list that appears.
- We've improved platform functionality to allow users with appropriate authorisation greater freedom to edit report schedules.
- We've enhanced the Active Service Profiles widget so you can access more information via this tool. We've also changed the set up so disabled service profiles no longer appear.



## **Version 24.0.0 - 7 May 2024**

- We've introduced a new language to the Vodafone Business Managed IoT Connectivity Platform, meaning you can now view the platform in Portuguese as well as German, Italian, Spanish, French, and English. To use the platform in a language other than English, simply click on your initials in the top left corner of the Dashboard home page and select Preferences from the list that appears.
- We've improved the SIM List by removing disabled Service Profiles from the customer service profile filter so that only Service Profiles that can be linked to SIMs are displayed.

## **Version 23.1.1 - 14 March 2024**

- We've fixed bugs and improved existing functionalities to ensure the best possible experience for Vodafone Business Managed IoT Connectivity Platform users.

## **Version 23.0.0 - 19 February 2024**

- We've updated the SIM List filters available in the Vodafone Business Managed IoT Connectivity Platform to allow you to search by and view IP address values for your SIMs, thereby improving the efficiency of IMSI searches on the portal. The introduction of this new feature also means you can check the IP addresses linked to an IMSI quickly and easily via the SIM Details window.
- We've added two new widgets to the Vodafone Business Managed IoT Connectivity Platform Dashboard. The Top Serving Networks widget gives users with the required authorisation a high-level view of their serving network data and voice usage across up to 10 networks. The Top 5 Serving Countries widget allows users with the required authorisation to see a 24-hour breakdown of data usage by country across a maximum of five serving countries.

## **Version 22.0.0 - 31 January 2024**

- We've introduced Microsoft Authenticator as a two-factor authentication alternative for users who prefer this to receiving a one-time code via SMS.

## **Version 21.0.0 - 11 December 2023**

- We've introduced a new language to the Vodafone Business Managed IoT Connectivity Platform, meaning you can now view the platform in French as well as German, Italian, Spanish, and English. To use the platform in a language other than English, simply click on your initials in the top left corner of the Dashboard home page and select Preferences from the list that appears.

- We've improved platform functionality to allow users with appropriate authorisation to delete report schedules that are no longer required.
- We've restricted the creation of new users with non-Vodafone accounts to ensure the security of all platform users.
- We've enhanced the user management capabilities of the platform to provide a better user experience.

### **Version 20.0.0 - 26 October 2023**

- We have added a new feature to allow Vodafone Business Managed IoT Connectivity Platform users with the appropriate authorisation level to create report schedules that will then run automatically at the required frequency.
- We have updated the SIM List so internal Operations users who need to set customer order reference values can do so quickly and easily within the platform.

### **Version 19.0.0 - 5 October 2023**

- We have modified the SIM History List to allow Vodafone Business Managed IoT Connectivity Platform users to search for RADIUS Authentication Failures as well as other types of usage and administrative data.

### **Version 18.0.0 - 31 August 2023**

- We have updated and improved the Operations, Saved Searches, and Total SIMs widgets that appear on the Vodafone Business Managed IoT Connectivity Platform Dashboard to make it quicker and easier for you to view and manage the relevant data.

### **Version 17.3.0 - 7 August 2023**

- We have improved the functionality of the Vodafone Business Managed IoT Connectivity Platform Dashboard so that the organisation selected for each widget is saved for future use, even when the user logs out or navigates away. For users with multiple roles, an organisation must be chosen for each role. This organisation will then be saved for future use of the platform with that user role.

### **Version 17.0.0 - 31 May 2023**

- We've fixed bugs and improved functionalities to ensure users of the Vodafone Business Managed IoT Connectivity Platform have the best possible experience.

## **Version 16.0.0 - 19 April 2023**

- We've improved the operational functionality of the Vodafone Business Managed IoT Connectivity Platform so a user with the required permissions can now modify multiple SIMs in one go using Batch operations by File. The operations you can conduct this way include updating a SIM attribute, changing SIM state, and changing Service Profile.
- We've enhanced the flexible reporting capabilities of the platform so you can access and export a list of scheduled reports created in the Legacy M2M Portal.
- We've added new ways to manage Report Schedules, so users with the required authorisation permissions can now both view and edit report schedule details.

## **Version 15.0.0 - 30 March 2023**

- We've improved the flexible reporting capabilities of the portal so you can both create more kinds of flexible reports and access and export a list of report schedules, thus allowing you to run flexible reports on a scheduled basis without the need for further manual input.
- We've enhanced the SIM Usage History Table so you can now check a SIM's Data or Voice usage in graphic form, and view administrative operations such as a changed SIM state or service profile.
- We've extended the functionality of APN Access Lists by allowing the use of wildcards in FQDN member values.
- We've added a new Dashboard widget that shows service usage, allowing you to get an overview of the Voice, SMS, and/or Data usage across all the SIMs in your organisation.
- We've improved the structure of the help content and made it easier to navigate.
- We've added a feature that allows you to navigate to service profile details directly from the Dashboard by clicking on the service profile name in the Active Service Profiles widget.
- We've improved the experience of federated users to match what is visible in M2M Portal.

## **Version 14.0.0 - 2 March 2023**

- We've improved the flexible reporting capabilities of the portal so you can create more kinds of flexible reports. The new baselines we have added are: SIM Inventory, OTA, Rated Statement Overview, IMEI Failures for Service Profile, Report Usage, EUICC Administrative Operations, and API Transactions.

## **Version 13.0.0 - 30 January 2023**

- We've introduced a new feature that allows you to create a Service Profile within the Vodafone Business Managed IoT Connectivity Platform - as long as you have the required authorisation level.
- We've added a Role Selector so users with multiple roles can switch between them quickly and easily without logging out of the portal.

## **Version 12.0.0 - 15 December 2022**

- We've introduced new Service Profile editing capabilities so you can now modify details such as the Name and Status of your organisation's Service Profiles within the portal, as long as you have the required authorisation level.
- We've updated the SIM List so you can search for a SIM via its Customer Order Reference.
- We've enhanced the Last Activity Status to provide more information, including VoLTE, Voice, Data and SMS, in a more user-friendly format.

## **Version 11.4.0 - 16 November 2022**

- We've enhanced the SIM Usage History Table by adding a new details panel and including VoLTE Voice and SMS data.
- We've added a feature that allows Vodafone Business Managed IoT Connectivity Platform users with the required authorisation levels to manage Device Management roles within the platform. Once logged in, users with Device Management roles can also now access the Device Management Portal via a single sign-on link.

## **Version 11.3.0 - 17 October 2022**

- We've enabled access to the Vodafone Business Managed IoT Connectivity Platform for a variety of new Customer-facing and Internal Roles, making the platform available to 99% of M2M Portal users. The level of access is, as always, dependent on the user's authorisation levels.

## **Version 11.2.0 - 28 September 2022**

- We've introduced new languages to the Vodafone Business Managed IoT Connectivity Platform so you can now view the platform in German, Italian, and Spanish, as well as English. To use the platform in a language other than English, simply click on your initials in the top left corner of the Dashboard home page and select Preferences from the list that appears.

## **Version 11.1.2 - 31 August 2022**

- We've improved user management functionalities so you can now create new users within the platform, as long as you have the required authorisation level.
- We've fixed bugs and improved API operations.

## **Version 11.1.1 - 25 August 2022**

- We've completed a Hotfix to ensure Vodafone Business Managed IoT Connectivity Platform users can successfully create APN Access Lists.

## **Version 11.1.0 - 16 August 2022**

- We've added an APN Access List functionality, so you can now create new lists within the platform.
- We've fixed bugs and improved API operations.

## **Version 11.0.0 - 1 August 2022**

- We've introduced GHLR Templates to the Vodafone Business Managed IoT Connectivity Platform so you can create, view, edit, and export the data from GHLR Templates via the platform - as long as you are authorised to do so.
- We've added new APN Access List functionalities to allow you to edit, delete, and export these lists within the platform.
- We've improved the SIM Usage History Table so you can now export the data shown in the table.
- We've tightened security validation processes to ensure users only have access to the data they are allowed to see and are not able to perform actions beyond their authorisation level.
- We've fixed bugs and improved API operations.

## **Version 10.0.0 - 28 June 2022**

- We've updated the report creation capabilities of the Vodafone Business Managed IoT Connectivity Platform to give users who want to run Flexible reports more options and greater control. As a result, you can now create a Flexible report showing SIM Trust usage, Combined usage, SMS usage, Voice usage, Messaging usage, or Barred calls.
- We've introduced a new feature that allows user to choose when and how often they receive summary emails detailing their actions in the platform. You can manage this via User Preferences and Edit User Details.
- We've fixed bugs and improved API operations.

## **Version 9.0.0 - 30 May 2022**

- We've updated the functionality of the Global Search bar so you can search for multiple values and see a preview of the number of results a search will return by, for example, IMSI, ICCID or Custom Attribute (1-5). The number of results shown is however capped at 9,999 for customer users to make the Global Search tool quicker and more effective.
- We've enhanced the frontend structure of the Vodafone Business Managed IoT Connectivity Platform to offer you a better user experience.
- We've introduced Sequenced Actions (Change SIM State + Service Profile) to allow you to perform both operations at the same time.
- We've created new user preferences and own user preferences capabilities, to give you greater control of your Vodafone Business Managed IoT Connectivity Platform experience.
- We've improved security validation processes to ensure users only have access to the data they are allowed to see.
- We've fixed bugs and improved API operations.

## **Version 8.3.0 - 28 February 2022**

- We've completed a Hotfix to ensure the contextual help on the Vodafone Business Managed IoT Connectivity Platform works for all new features.

## **Version 8.2.0 - 22 December 2021**

- We've enhanced the filters you can use when creating a flexible report within the Vodafone Business Managed IoT Connectivity Platform to give you greater control of the report creation process.
- We've fixed bugs and improved API operations.

## **Version 8.1.0 - 7 December 2021**

- We've introduced flexible reporting functionalities (itemised reports on the Data Usage baseline) to the Vodafone Business Managed IoT Connectivity Platform so you can create both legacy and flexible reports from the same page. The options available will depend on your authorisation level.
- We've introduced flexible reporting functionalities (itemised reports on the Data Usage baseline) to the Vodafone Business Managed IoT Connectivity Platform so you can create both legacy and flexible reports from the same page. The options available will depend on your authorisation level.
- Other report types - including summarised templates - are still accessible via the M2M Portal and will be introduced here in a future release.

- We've created a SIM List Operations Summary to make it simpler for you to find details of the Operations performed on your organisation's SIMs.
- We've fixed bugs and improved API operations.

## **Version 8.0.0 - 23 November 2021**

- We've updated the user management capabilities of the Vodafone Business Managed IoT Connectivity Platform so you can view information about a particular user. The details available will depend on your authorisation level.
- We've also added new user management functions; you can now delete or edit the settings for active or inactive users (including yourself) and enable another user to reset his or her security details - as long as you're authorised to do so.
- We've developed a new SIM Usage History Table, so you can check SIM usage data in just a few clicks, making it easier to troubleshoot any issues with a particular SIM.
- We've updated the Last Activity Status feature so you can check when a SIM was last used and how. We've implemented Authorisation Permissions for a number of features within the Vodafone Business Managed IoT Connectivity Platform
- We've fixed bugs and improved API operations.

## **Version 7.0.0 - 23 August 2021**

- We've updated the user management capabilities of the Vodafone Business Managed IoT Connectivity Platform , so you can get more information about your own user details.
- We've added APN Access Control Lists to the Vodafone Business Managed IoT Connectivity Platform . You can now search for existing APN Access Control Lists and view summary information.
- We've fixed bugs and improved API operations.

## **Version 6.0.1 - 25 June 2021**

- We've temporarily changed the global search logic. Now, when you search for a phrase, the search results only show records where the phrase is at the beginning. For example, when you search for *123*, the search results will show *12345678* but won't show *00111123*.
- In **SIM Details > Registration**, you can now see how much time has passed since the last refresh.

## **Version 6.0.0 - 21 June 2021**

- We've added flexible reporting. You can access the flexible reports the same way as legacy reports.



- There is now a welcome tour for first-time users of the Vodafone Business Managed IoT Connectivity Platform . You can see what's changed and how to use the Vodafone Business Managed IoT Connectivity Platform .
- We've added customer surveys to gather feedback from users and improve the Vodafone Business Managed IoT Connectivity Platform .
- We've added the technical foundation for the last activity status checking for SIMs.
- We've fixed bugs and improved SIM details retrieval and service profile selection.

### **Version 5.0.0 - 13 May 2021**

- We've added reporting to the Vodafone Business Managed IoT Connectivity Platform . You can now generate reports for your customers based on usage statistics.
- We've added exporting service profiles.
- We've improved exporting SIM search results. You can now download previously generated search files from the new Exports page.
- You can now share links to the SIM Details section and a set of search results. Only users with appropriate access levels can view the shared links.
- We've improved system and security logs.
- We've fixed bugs and improved service profile details, filtering service profiles and SIM searches.

### **Version 4.0.0 - 4 March 2021**

- We've added the service profile listing. You can now search for and view all available service profiles.
- We've added details of service profiles. You can now view detailed information about a selected service profile.

### **Version 3.0.0 - 3 February 2021**

- We've added the reset SIM operation. You can now reset your SIMs to finish all ongoing SIM sessions.
- We've fixed bugs and improved API operations and setting custom attributes.

### **Version 2.0.0 - 7 January 2021**

- Addition of Network Registrations section in SIM details, which provides 2G/3G or 4G/5G related information about your SIMs.
- Addition of Device identifier section in SIM details, which provides IMEI and device related information that your SIMs are connected to.

- Addition of a *Legacy M2M Portal* link in the main menu that connects you to the M2M portal.
- Set custom attributes operation has been added, that allow you to add, edit or delete custom attribute information related to you SIMs.
- Set IP address operation has been added, that allows you to set IP addresses for your SIMs as part of the APN settings.
- Error handling improvements to provide more meaningful error messages to help recover from errors
- Bug fixes and improvements related to selecting SIMs from the SIM list

## Chapter 4: Known issues

The following are known issues in the Vodafone Business Managed IoT Connectivity Platform Version 35.0.0. We plan to address these issues in a subsequent release.

- You can only open the User Preferences page by typing "Change language" into the search bar if you are using the portal in English at the time.
- If you change the language on the Vodafone Business Managed IoT Connectivity Platform before opening the linking to the legacy M2M Portal, the language does not change automatically - unless you log into M2M Portal again. This is a technology limitation.
- The User Preference for enabling report notifications cannot currently be edited.
- SIM export is generated empty when filtering the SIM List with an IMEI range or custom attribute.
- Sub-customer users are not able to perform the operation SIM Export.
- The pending action tooltip does not appear for the SIMs with pending operations when viewed in the SIM List.
- Only 100 records are shown in the voice usage section of the SIM History List.
- The number of SIMs with each RAG status shown in the SIM List differs from that shown in the Total SIMs Dashboard widget.
- When you select all SIMs in the SIM List page, the number of selected IMSIs displayed is incorrect.
- Customers are currently unable to export report templates.

