

The simpler, **smarter way to connect**

Edge SIM

Service specification

consoleconnect.com

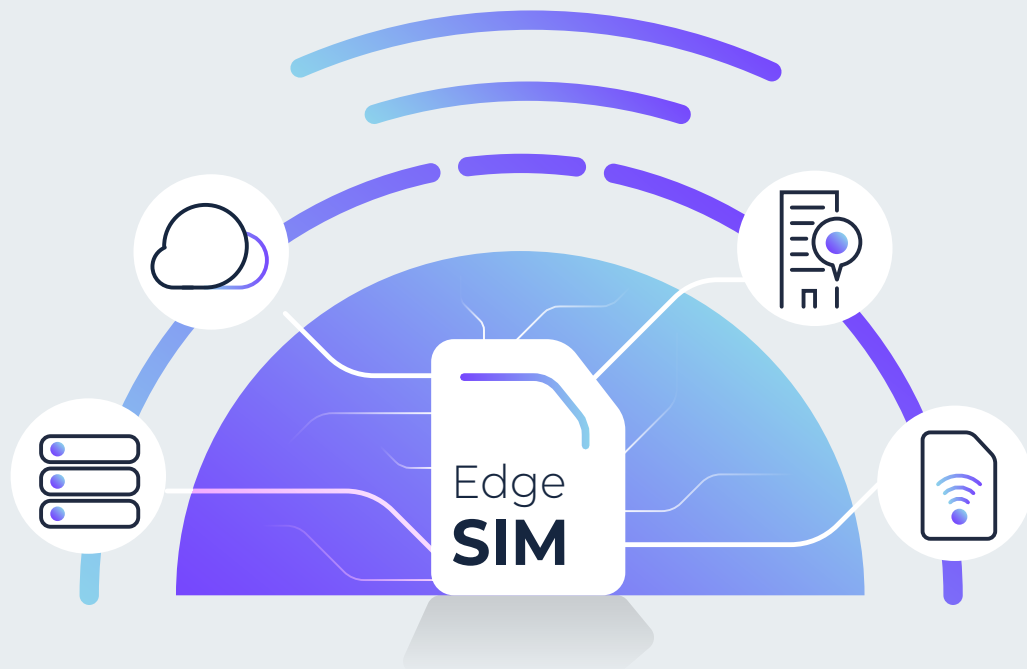


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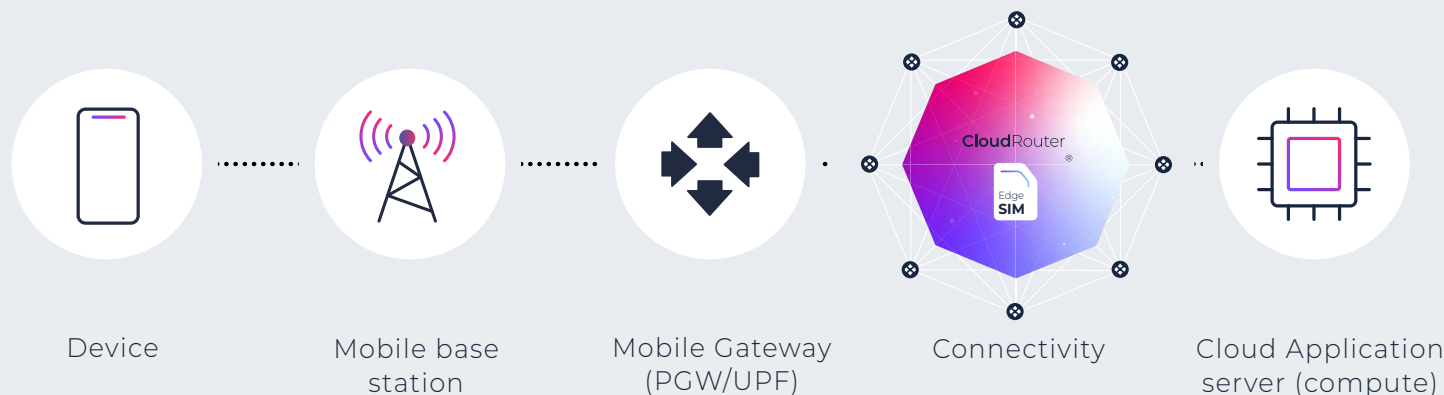
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Note:

- This Service Specification is for informational purposes only and does not form part of the Agreement between you and Console Connect.
- Console Connect reserves the right to amend this Service Specification at any time without notification.
- All information contained in this document shall not be published or disclosed wholly or in part to any other party without Console Connect's prior permission in writing.



1. Introduction



1. Edge SIM enables end-to-end connectivity from your edge mobile device to your designated Cloud or data centre.
 - a. Edge devices can be distributed worldwide and connected to the Cloud via local mobile networks in over 200 countries where there is Service Coverage and grouped into several Pricing Zones.
 - b. The end-to-end connection from the mobile device is secured over a private path direct from the mobile device into the CloudRouter®
 - c. Groups of SIMs called "SIM Pools" act as an individual site in CloudRouter®, allowing for easy configuration to build private networks to multiple clouds and data centres.
 - d. Configuration of Edge SIM is totally automated, allowing you to build your own networks in minutes.
2. An ordering service is provided in Console Connect together with a SIM management portal.
 - a. Edge SIM can be ordered any time over the Console Connect ordering portal, similar to other Console Connect services.
 - b. The newly ordered Edge SIMs can be added to any of the existing SIM Pools, or if required, you can set up a new SIM Pool. SIM Pools can be added to your existing or newly defined sites on CloudRouter®.
3. The setup is simple. Just choose the available service gateway, subnet APN and DNS.

2. Physical Plug-in SIM card

Please contact our sales to get the SIM detail specifications.

3. Concept of SIM Pool

1. A SIM Pool is a group of SIMs that share the same service gateway and configurations, such as subnet and DNS server.
2. SIMs can be added to a SIM Pool or moved to another SIM Pool.
3. A SIM Pool has to be added to a CloudRouter® before the traffic can be routed to your network.

4. Gateway Region

You can choose how the service is routed to your destination to achieve better latency performance. Traffic flows from the SIM location towards the Edge SIM gateway. The Edge SIM mobile gateway is the ingress point to the CloudRouter® network. To minimize latency, it is recommended to select the Edge SIM gateway location that is closest to the end location (cloud or data centre) that is processing the data generated by the Edge SIM device.

5. DNS Server

It enables the lookup of correct IP addresses from the domain name. You can select the platform-provided DNS or define your own DNS if necessary.



6. Service Coverage

Our Edge SIM allows your edge devices to receive services from local mobile operators in many countries. These countries are grouped into service zones with the same prices, hence called Pricing Zones. There are 11 Pricing Zones altogether, including the following:

1. Global Plan

Asia-1		Asia-2	Asia-3	Europe-1		Europe-2		US & Canada	Americas-1	Africa & Middle East-1	Africa & Middle East-2	ROW-1			ROW-2			
Australia	Taiwan	Kazakhstan	Brunei	Aland	Montenegro	Albania	Moldova	Canada	Argentina	Democratic Republic of the Congo	Chad	Algeria	Iran	Sri Lanka	Anguilla	Curacao	Kosovo	The Grenadines
Bangladesh	Thailand	Pakistan	East Timor	Bulgaria	Netherlands	Austria	Poland	Puerto Rico	Colombia	Israel	Congo	Azerbaijan	Jersey	Tajikistan	Antigua	Cyprus	Kyrgyzstan	Turks & Caicos
Cambodia	Vietnam	Uzbekistan	Fiji	Croatia	Norway	Belarus	Portugal	United States	Costa Rica	Kenya	Gabon	Bahrain	Liberia	Tinian	Armenia	Desirade	Les Saintes	Venezuela
China			Guam	Czech Republic	Russia	Belgium	Romania	US Virgin Islands	Ecuador	Kuwait	Ghana	Benin	Maldives	Trinidad	Aruba	Dominica	Marie-Galante	
Hong Kong			Kiribati	Denmark	Serbia	France	Slovak Republic		El Salvador	Malawi	Jordan	Bolivia	Mail	Tunisia	Bahamas	Equatorial Guinea	Martinique	
India			Laos	Estonia	Spain	Georiga	Slovenia		Mexico	Nigeria	Lesotho	Bosnia & Herzegovina	Maritius	United Arab Emirates	Barbados	French Guyana	Montserrat	
Indonesia			Mongolia	Faroe Islands	State of Vatican City	Greece			Nicaragua	Saudi Arabia	Madagascar	Botswana	Monaco		Barbuda	French Polynesia	Nepal	
Japan			Nauru	Finland	Sweden	Greenland			Panama	Tanzania	Mozambique	Burkina Faso	Morocco		Belize	French West Indies	Palestine	
Macau			Palau	Germany	Switzerland	Hungary			Peru	Uganda	Niger	Cameroon	Oman		Bermuda	Gambia	St. Barthelemy	
Malaysia			Papua New Guinea	Ireland	Ukraine	Iceland			Uruguay	Zambia	South Africa	Chile	Qatar		Bhutan	Grenada	St. Kitts & Nevis	
New Zealand			Rota	Italy	United Kingdom	Isle of Man				Zanzibar		Egypt	Rwanda		Bonaire	Guadeloupe	St. Lucia	
Philippines			Saipan	Latvia		Luxembourg						Ethiopia	Samoa		British Virgin Islands	Guyana	St. Martin	
Singapore			Tonga	Liechtenstein		Macedonia						Gibraltar	Senegal		Cape Verde	Haiti	St. Vincent	
South Korea			Vanuatu	Lithuania		Malta						Guernsey	Sierra Leone		Cayman Islands	Jamaica	Suriname	

* More countries or destinations are available on request. Please contact your account manager to check service availability.

2. Europe Plan

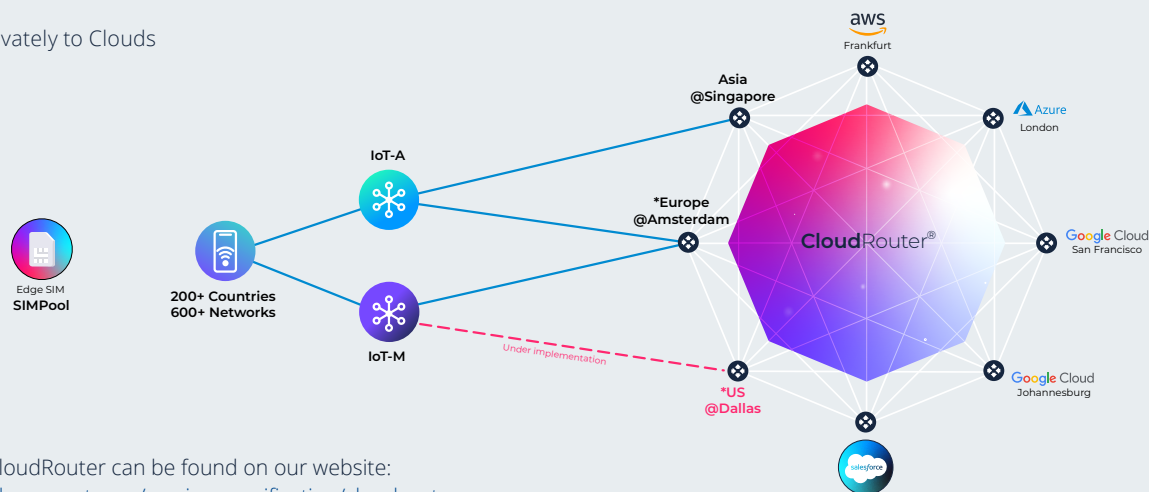
Asia				Europe					
Bangladesh	Malaysia	Philippines	Thailand	Albania	Denmark	Ireland	Iceland	Norway	Slovak Republic
Japan	New Zealand	South Korea	Uzbekistan	Austria	Estonia	Italy	Luxembourg	Portugal	Slovenia
Kazakhstan	Pakistan	Taiwan	Vietnam	Belarus	Finland	Latvia	Macedonia	Romania	Sweden

* More countries or destinations are available on request. Please contact your account manager to check service availability.

7. CloudRouter®

CloudRouter® allows you to build instant virtual networks between different clouds, SaaS applications and edge mobile devices, enterprise locations and other networks. Without complicated configuration, CloudRouter® enables the creation of a private and secure Layer 3 network between your different network endpoints.

1. Connect IoT privately to Clouds

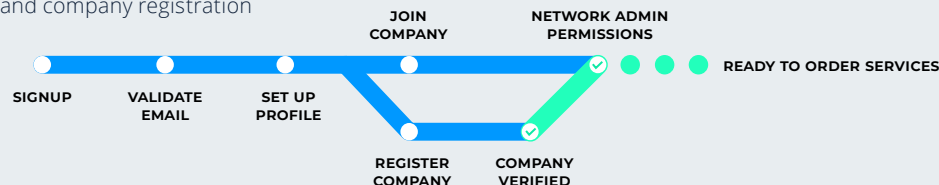


More details on CloudRouter can be found on our website:

<https://app.consoleconnect.com/service-specification/cloudrouter>

8. Customer Journey

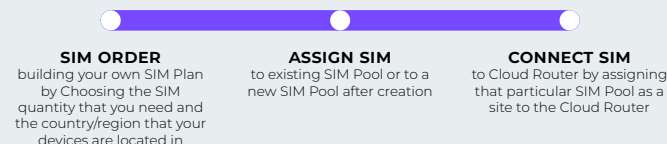
1. Console Connect account setup and company registration



- a. Getting started with Console Connect is simple. Once you have signed up you will receive an email to verify your email address.
- b. Next, set up a password and complete a couple of details about you. Then, you'll join or register your company in Console Connect.
- c. If you register your company on Console Connect, you will be the Account Administrator. Your company will need to be verified before you can order services.
- d. On CloudRouter®, you can build instant virtual networks between your different clouds, SaaS applications, edge devices, enterprise locations and other networks.

2. Edge SIM ordering and setup

- a. When you order some SIM cards, a default SIM Pool is created (AKA 'Site') where the subnet is assigned. Alternatively, you can choose any of the existing APN or subnets available.
- b. Our platform will assign an IP address and APN to each SIM.
- c. Then a routing path is created based on the IP address range in the SIM Pool to the Console Connect platform via the CloudRouter®.
- d. On CloudRouter®, you can build instant virtual networks between your different clouds, SaaS applications, edge devices, enterprise locations and other networks.



9. SIM Management Portal

Our platform provides a self-service management portal for you to manage the connectivity of your own SIMs.

Edge SIM Management Portal provides management of 1) SIM Pools; 2) SIM orders as well as 3) SIM inventory.

1. SIM Pools

This portal view enables you to have an overview of all available SIM Pools and the summary information of each including the SIM Pool name, quantity of SIMs, APN name and status.

Depending on your configuration, you may move SIMs across different available SIM Pools, remove the SIM Pool and update the DNS server configuration of the SIM within that SIM Pool.

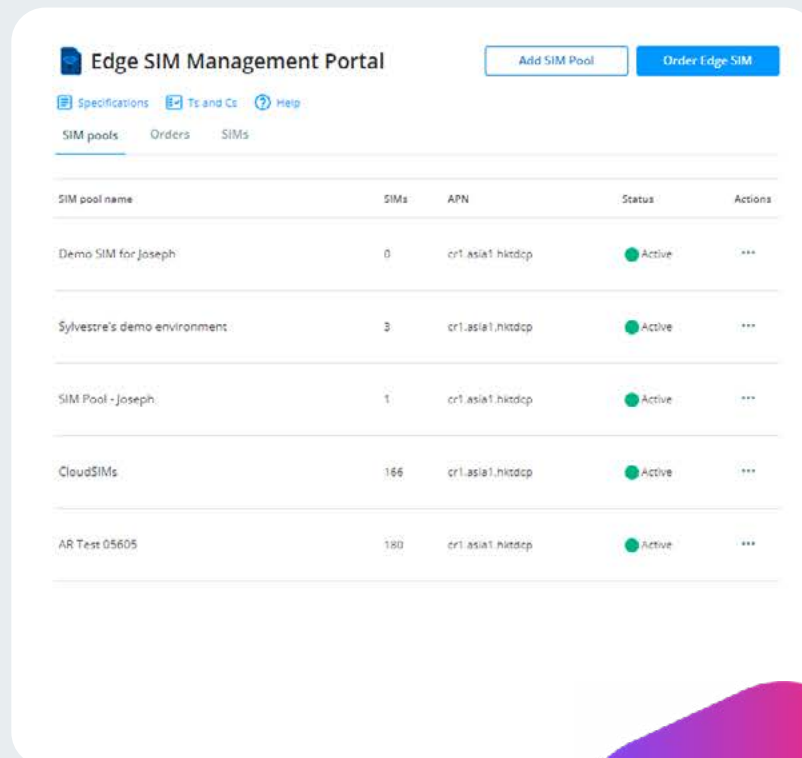
The user may also click any SIM Pool to navigate the summary and IP Configuration of the selected SIM Pool.

Under SIM Pool Summary, you can also see the following information:

- i) SIM Types
- ii) Monthly data quota
- iii) Quantity of SIM under the SIM Pool
- iv) Available Service coverage

Under IP Configuration Summary, you will also see the following information:

- i) APN name and subnet
- ii) Edge SIM device subnet
- iii) Break-out location to the Console Connect Platform
- iv) CloudRouter name
- v) Name of this SIM Pool on CloudRouter Site
- vi) DNS and DNS IP addresses, if applicable



2. SIM orders

You can also click any SIM order to navigate the order summary, delivery address and Billing information of the selected SIM order.

Under SIM Order Summary, you can also see the following information:

- i) SIM Types
- ii) Name of Monthly data plan
- iii) Quantity of SIM under the SIM Pool
- iv) Available Service coverage
- v) Type of Contract joined
- vi) Contract start date

Billing Summary may show the following information:

- i) Payment summary of all applicable charging items
- ii) Rates for each pricing zone

Edge SIM Management Portal

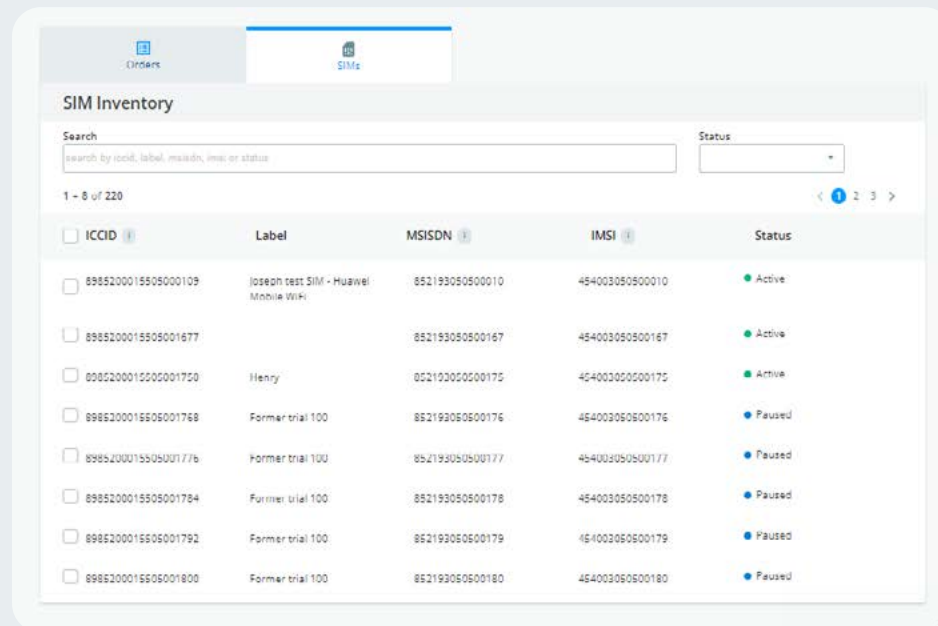
[Order Edge SIM](#)[Specifications](#) [To and Go](#) [Help](#)[SIM pools](#) [Orders](#) [SIMs](#)

Order name	SIMs	Order type	Status
Demo SIM for Joseph	10	Pay as you go (PAYG)	● SIMs Delivered
Malaysia_test_GLP	10	Pay as you go (PAYG)	● SIMs Delivered
20230705BelgiumOffice	100	Pay as you go (PAYG)	● SIMs Delivered
20230407dummy80	80	Pay as you go (PAYG)	● SIMs Delivered
Order-Test - 1	100	Pay as you go (PAYG)	● Processed
Sylvestre 2 Demo	10	Pay as you go (PAYG)	● SIMs Delivered
Sylvestre	20	Pay as you go (PAYG)	● SIMs Delivered
dummy order 1	10	Pay as you go (PAYG)	● SIMs Delivered
20230515	10	Pay as you go (PAYG)	● SIMs Delivered

3. SIM inventory

This portal view enables you to have an overview of the entire SIM inventory allocated to the enterprise and the summary information of each SIM including the ICCID, user label, MSISDN, SIM Pool that it belongs to, Order and the SIM's current status.

You can click any SIM to manage the Activation status (Activate and Pause) and the user label. Further details of the SIM can be accessed here, including: ICCID, MSISDN, IMSI, Detected IMEI as well as the respective SIM Pool and SIM Order.



The screenshot shows the 'SIM Inventory' page in the consoleconnect portal. It features a search bar, a status dropdown, and a table of SIM records. The table columns are ICCID, Label, MSISDN, IMSI, and Status. The status is color-coded: green for Active and blue for Paused. There are 220 records in total, with the first 8 shown on this page.

ICCID	Label	MSISDN	IMSI	Status
8985200015505000109	Joseph test SIM - Huawei Mobile Wi-Fi	852193050500010	454003050500010	Active
89852000155050001677		8521930505000167	4540030505000167	Active
89852000155050001758	Henry	8521930505000175	4540030505000175	Active
89852000155050001768	Former trial 100	8521930505000176	4540030505000176	Paused
89852000155050001776	Former trial 100	8521930505000177	4540030505000177	Paused
89852000155050001784	Former trial 100	8521930505000178	4540030505000178	Paused
89852000155050001792	Former trial 100	8521930505000179	4540030505000179	Paused
89852000155050001808	Former trial 100	8521930505000180	4540030505000180	Paused

9. Additional Information on Edge SIM

Please visit our following website for further information about Edge SIM.

<https://www.consoleconnect.com/help/iot/>

How do I **sign up?**

- Take control
- Cut complexity
- Make interconnection effortless

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United Kingdom

7/F 63 St. Mary Axe | London EC3A 8AA | UK

France

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Greece

268 Kifisias Avenue | Chalandri | Athens | Greece

Germany

Schillerstr. 31 | 60313 Frankfurt/M. | Germany

United States

475 Springpark Place | Suite 100 | Herndon | VA 20170 | USA

Singapore

6 Temasek Boulevard | #41-04A/05 | Suntec Tower Four | 038986 | Singapore

Hong Kong

20/F, Telecom House | 3 Gloucester Road | Wan Chai | Hong Kong

Japan

3F Marunouchi Mitsui Building | 2-2, Marunouchi 2-chome | Chiyoda-ku
Tokyo 100-0005 | Japan

South Africa

Building 12 | 1 Woodmead Drive | Woodmead | Johannesburg 2191 | South Africa

UAU, Dubai

Office 504 & 505 | Level 5 | Arjaan Business Tower | Dubai Media City | Dubai

Have other questions we didn't cover?

Join our community of experts.



www.consoleconnect.com

Talk to us: sales@consoleconnect.com