consoleconnect

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Data Centre Port

Service specification

consoleconnect.com

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Note:

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- All information contained in this document shall not be published or disclosed wholly or in part to any other party without Console Connect's prior permission in writing.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

Console Connect allows customers to connect to cloud services, geographically separate networks (such as remote or branch offices) and the internet from a single network connection.

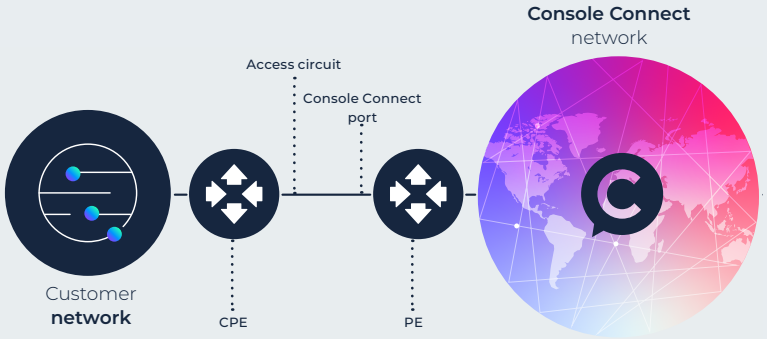
Console Connect services offer a low cost of operation and easy management and scalability. Multiple services can be delivered over a single Ethernet port. All services are managed via the Console Connect web portal or API, where the bandwidth of each service can be adjusted independently and on-demand.

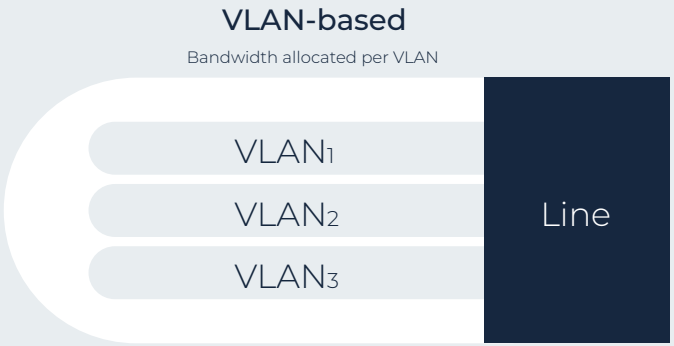
This document describes the specifications for Ethernet ports at the User Network Interface (UNI), which are applicable to the delivery of all Console Connect services.



2. Ethernet access circuit

An Ethernet Access Circuit connects Customer Edge (CE) equipment to a Console Connect Provider Edge (PE) router.





Each Console Connect service is mapped to an individual 802.1q-tagged VLAN at the UNI. Bandwidth for each subscribed service is allocated individually per-VLAN, within the limits of overall port capacity.

3. Console Connect port

Console Connect supports the delivery of multiple services across a single UNI with the following characteristics:

	Service Parameters	Service Requirements
1	Physical Interface*	1000BaseLX – Single mode LC connector 10GBaseLR – Single mode LC connector 100GbaseLR4 – Single mode LC connector
2	Default Ethernet & IP MTU size	Ethernet: 1522 bytes (802.1q tag inclusive) IP: 1500 bytes (For the support of jumbo frames, kindly raise a feasibility request to Console Connect's representative)
3	Encapsulation	Tagged (802.1q) No VLAN Tag Transparency (VLAN IDs, 802.1p markings are not preserved)
4	Mode of Operation	Manual configuration as 1000M / full duplex 10G and 100G only support autonegotiation

* For copper and other physical interface types, please Contact Us

4. Definitions

CE	Customer Edge equipment
CPE	Customer Premises Equipment
PE	Provider Edge equipment
PoP	Point of Presence
UNI	User Network Interface, aka Console Connect Port at IP infrastructure

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