



Overview

With more critical and diverse workloads moving to the cloud, you need to make sure the connections to your cloud environments are reliable and cost effective. Interxion's Cloud Connect platform allows you to establish private connections to multiple Cloud Service Providers (CSPs) while reducing the complexity of managing many physical connections.

Optimise your connections to your clouds with easy-to-manage virtual LAN connections and a single, or dual redundant, physical connection.

Architecture

Cloud Connect utilises safe and economical carrier Ethernet connectivity, commonly referred to as layer 2 or logical connectivity. Interxion ensures that every Cloud Connect implementation consists of dual platforms for redundancy installed in separate physical data centres where possible with separate power and cooling. Network services are also separate and utilise diverse entrance facilities.

In figure 1 we show a customer using Cloud Connect to connect to multiple CSP's via a single connection.

Components

Cloud Connect is comprised of 2 primary components – Cloud Access and Cloud Service.

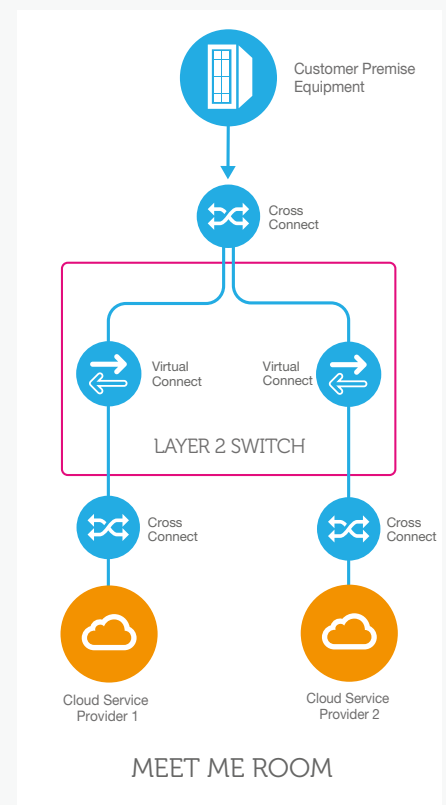


Figure 1: Cloud Connect providing virtual aggregation

Details

- Easy ordering through the Interxion Customer Portal
- Rapid provisioning
- Fault tolerant architecture.
- Maintained in an secure area accessible to Interxion only
- Monitored 24/7/365

Cloud Access

Cloud Access is the connectivity component to Cloud Connect and consists of a Cross Connect to the Cloud Connect platform. This can be ordered as a UNI or NNI Port. Each Cloud Access is ordered and managed separately and is required in order to subscribe to any Cloud Service(s).

All Cloud Access ports are non-blocking and operate up to the port capacity.

Cloud Service

Cloud Service is the Virtual Private Network (VPN) between a UNI (Subscriber) and a NNI (Services) Port.

Cloud Service must contain at least one EVPL between a UNI and NNI port but may include as many as possible per Cloud Connect platform port or domain as long as the subscribed bandwidth per port is not exceeded.

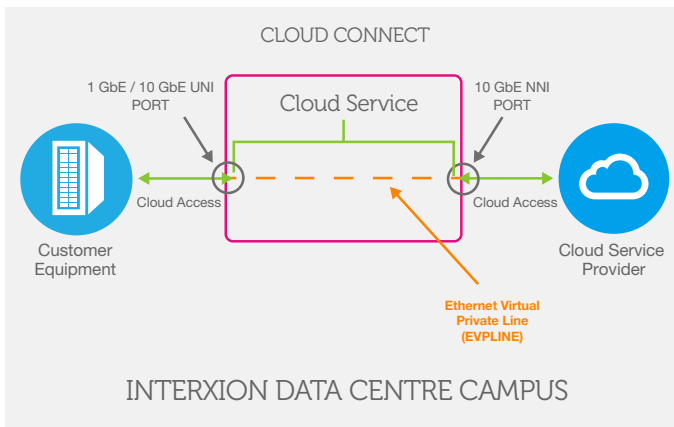


Figure 2: Cloud Service

Each Cloud Service contains attributes that define parameters of the service.

- S-VLAN: EVPL Identifier only used internally to the Cloud Connect platform.
- C-VLAN: IEEE 802.1Q VLAN Identified used to tag ingress and egress traffic for classification of traffic on an 802.1Q Trunk port. The C-VLAN will typically match on both sides of the EVPL.
- UNI Port ID: This is the Subscriber Port Side (Origination) and is responsible for all fees related to the Cloud Service.
- NNI Port ID: This is the Services Port Side (Target).

Ordering Requirements

All orders, changes and disconnects are easily managed through the Interxion Customer Portal.

- Cloud Access: Connection Type UNI Port - Port Speed: 1GbE or 10GbE Single Mode Fibre
- Cloud Service: Bandwidth (CIR) options vary based upon the chosen service provider but may not exceed the allocated bandwidth on a chosen Cloud Access port.
- For Cloud Service Providers: NNI Port Speed: 10GbE via single-mode fibre.

Pricing

Cloud Connect is priced per component.

- Cloud Access component is charged an installation fee plus a Monthly Recurring fee.
- Cloud Service component is charged an installation fee plus a Monthly Recurring fee.
- Bandwidth limit on any given Cloud Service is tied to the capacity on the Cloud Access port limit. One or VLANS may be reside on the same cloud access port.

About Interxion

Interxion (NYSE: INXN) is a leading provider of carrier and cloud-neutral colocation data centre services in Europe, serving a wide range of customers through over 45 data centres in 11 European countries. Interxion's uniformly designed, energy efficient data centres offer customers extensive security and uptime for their mission-critical applications. With over 700 connectivity providers, 21 European Internet exchanges, and most leading cloud and digital media platforms across its footprint, Interxion has created connectivity, cloud, content and finance hubs that foster growing customer communities of interest.

For more information, please visit

www.interxion.com



www.interxion.com
customer.services@interxion.com



International Headquarters
Main: + 44 207 375 7070
Email: hq.info@interxion.com

European Customer Service Centre (ECSC)
Toll free Europe: + 800 00 999 222 / Toll free US: 185 55 999 222
Email: customer.services@interxion.com

Cofounder: Uptime Institute EMEA chapter, **Founding member:** European Data Centre Association, **Patron:** European Internet Exchange Association, **Member:** The Green Grid, with role on Advisory Council and Technical Committee, **Contributor:** EC Joint Research Centre on Sustainability, **Member:** EuroCloud.

Interxion is compliant with the internationally recognised ISO/IEC 27001 (537141) certification for Information Security Management and ISO 22301 (BCMS 560099) for Business Continuity Management across all our European operations. © Copyright 2018 Interxion. PF-GEN-HQ-CTECH-HQ-eng-4/18