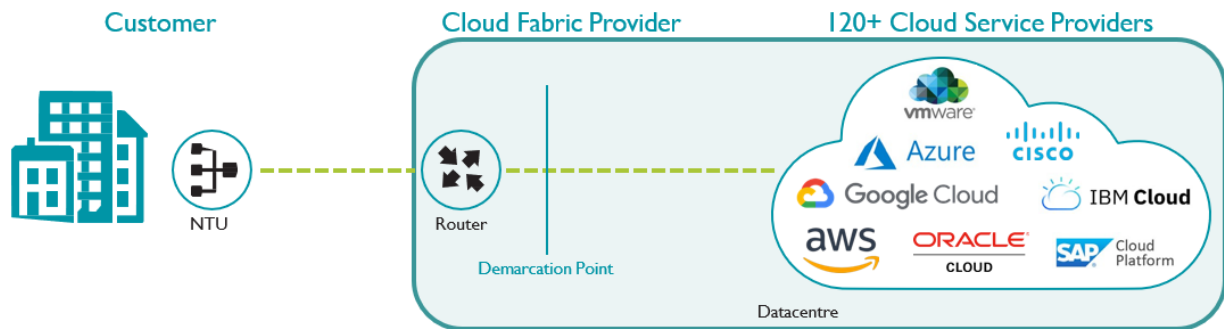


Definition

Enet’s **Cloud Access** product enables direct connectivity to multiple Cloud Service Providers (CSPs) like Microsoft Azure, Amazon Web Services, Google and SAP from one physical connection. Cloud Access is delivered by a private, dedicated Ethernet connection. This provides reliable upstream and downstream bandwidth at all times to ensure a high-quality access experience, avoiding the unreliability and congestion from using a public Internet connection.

Cloud Access is available in a variety of bandwidths from 20Mb to 10Gb. It is delivered nationally via our local fibre or licensed microwave access networks. It is then routed to our Cloud Fabric provider and connected to the chosen Cloud Service Provider(s).

It is an end-to-end connectivity solution connecting you to over 120 CSPs with no additional CPE, cross connects, internet breakouts, routing and firewalls to manage. Enet will manage the service in the same way as we do our core network so you can spend more time focusing on your business priorities.



Enet Cloud Access provides the following:

- Access to over 200 Cloud Service Providers (full list in Product Description)
- 10Mbs-10Gbs service speed using Ethernet connectivity
- Readily scalable service to meet demand or changing business patterns
- Separates mission critical services from other internet-based services
- Data transfer is secure and private
- An existing Enet physical connection can be used

With service delivery on a dedicated Ethernet connection it ensures

- SLA with availability of 99.9%
- Higher availability with failover option where two connections are used
- High reliability and security
- Low latency for VOIP and Video-conferencing
- Consistent network performance with SLA assured connectivity and uptime

This document is for illustrative purposes only, detailed specifications will be agreed at the time of purchase.

Service Description

Enet will provide you access to a Cloud Service Provider (CSP) by installing and delivering an Ethernet connection from the End-User to the Enet interconnect at the Cloud Fabric data center. Enet will then arrange the Cloud Fabric Connection (CFC) from the Interconnect to the chosen CSP. A CFC is a virtual circuit from Enet's interconnect at the Cloud Fabric data center to the chosen CSP.

Enet's Layer 2 Cloud Access product provides access to over 120 CSPs, providing services such as CRM, storage, databasing, processing, etc.

The service can be provided over a new Ethernet connection or can use an existing Enet active Ethernet connection at an End-User's premises, reallocating your existing bandwidth or indeed by adding additional bandwidth.

Key Product Features	
Product Name	Cloud Access
Available Public Clouds	Azure, Amazon Web Services (AWS), Google, SAP, Oracle, Salesforce, Accenture & 120 others (see Product Description)
Access Type / Last Mile	Enet Fibre Ring Access, Point to Point fibre, Enet Wireless Access
Service Class Options	0% CIR, 100% CIR
Class of Service Type	Circuit Based
Bandwidth Type	Symmetrical
Demarcation	Port on the Enet NTU at the End-user's site
MAC Address	100 MAC address limit per Layer 2 circuit
MAC Learning	Yes, Non-MAC learning available on request
MTU	Fibre-2000 (higher on request) Wireless-1600
UNI Tagging	Tagged & Untagged (801.1Q)
S-VLAN handoff	Dedicated S-VLAN per Cloud Fabric Connection
Physical Diversity	Optional where available via a second fibre or wireless solution
SLA	99.9% Target Network Availability Higher availability provided by diverse routing, where available
End-user Support	24x7x365 Network Operations Centre support
Power	Managed NTU supplied with single AC by default Optional Dual AC or DC Power

Service Delivery

Enet's Technical Pre-Sales team will work with the Carrier to design, per site, solutions to suit the End-User requirements.

Service is offered nationwide using Enet's extensive fibre or wireless footprint or via one of our extended-reach 3rd party providers last mile access solutions as appropriate. The national transport element is delivered over Enet's MPLS network.

For new service, Enet will install an NTU at the end-user's premises. Prior to configuration, the End user must provide the CSP *End-user ID/Account Number /Account Key* so that Enet can facilitate creation of the Cloud Fabric Connection (CFC) and VC to the CSP at the turn-up call. Once the connection from the CSP to the NTU is confirmed, the End-User then engages directly with their chosen CSP to set up the required services.

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Enet Responsibilities

Enet is responsible for

- Facilitating connection of the End-User to the requested CSP(s)
- Operation and maintenance of the Ethernet service
- Acquiring the public wayleave(s) for any civil elements of the Service
- Assigning the requested bandwidth(s)

Carrier Responsibilities

The Carrier is responsible for

- Dealing directly with the CSP for the required cloud service(s)
- Allocating rack space and a clean power supply for the Service at the End-User's site
- Shaping the traffic in line with the purchased traffic profile
- Providing the Account Number or Service key to assist Enet setting up the CFC at the turnup meeting
- Managing any L3 BGB Peering required as Cloud Access is provided by Enet as a Layer-2 product

Glossary

- AWS Amazon Web Services
- CFC Cloud Fabric Connection (the Virtual Connection from our interconnect to the CSP)
- CFP Cloud Fabric Provider (the datacentre company that facilitates the connections to the CSPs)
- CSP Cloud Service Provider (Amazon Web Services, Microsoft Azure, Google Cloud Platform etc.)
- EPL Ethernet Private Line
- NOC Network Operations Centre

Further Information

Quotations

A quotation for service can be submitted by email to quoterequests@Enet.ie

Ordering and Provisioning

Orders are placed via the Enet Sales Support Team

Charging

The Cloud Access charging components are as follows:

- Rental for the Cloud Fabric Connection that facilitates connection to the CSP
- Fixed Connection and Rental for the Ethernet component
- *IP Charges where public IPs are required for some CSP services*

Note: The contract for the actual CSP services that the End-User uses (AWS, Azure etc.) is directly between the End-User and the CSP. Enet do not facilitate this or have any part in CSP service billing.

For further details contact your Enet Account Manager or contact us at:

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Telephone: + 353 (0)61 274000
Webpage: www.Enet.ie