MEF CE2.0 CERTIFIED CARRIER ETHERNET

Are you looking for services with large European coverage beyond traditional IP-MPLS networks and with attractive conditions?

We have the broadest, MEF CE2.0 certified, transparent and synchronous Carrier Ethernet portfolio in Ireland for your next generation wide area Ethernet applications. Our Carrier Ethernet allows you to connect your sites securely and efficiently as a fully managed service.

ABOUT THE CERTIFICATION

Our certification is granted by the Metro Ethernet Forum (MEF) and achieved with network equipment and solutions from Ciena Corporation. MEF is the industry defining body dedicated to the definition and worldwide adoption of Carrier Ethernet networks and services. CE2.0 certification describes the next generation of Carrier Ethernet with an extended set of services enabling multiple classes of services, as well as interconnect and manageability attributes across service provider networks. CE2.0 is a highly challenging and significant accreditation to achieve and it creates an important standard of deployment for the industry.

ETHERNET WITHOUT LIMITATIONS

Ethernet has become a mainstream wide area networking (WAN) solution. We have deployed our MPLS network to better route over pre-defined paths, creating resilience options that resemble preferred attributes previously only possible in SDH networks.

Traditional Ethernet also lacked crucial functionality that prevented many carriers to migrate away from legacy SDH-services. This problem disappears with the flexibility of our MEF CE2.0 Carrier Ethernet services and the availability of variable bandwidth. There are no uncontrolled bandwidth limitations and the customer has flexibility for all of his services.

We are strictly following MEF CE2.0 Ethernet standards, creating a flexible, scalable and smooth interconnection with features such as port or, VLAN based services and appropriate class of service (CoS) required by the customer applications with an assured customer experience along with a true end to end service transparency. In certain markets service providers and mobile operators can also benefit from our synchronous clocking provided across our service.

ENHANCED SERVICE MANAGEMENT

The first-class OAM-performance management suite is designed in such way that carriers and service providers can truly manage networks from one service access point to another across our network.

The OAM solution enables an efficient operation, administration and maintenance of end to end customer networks according to your individual processes. In the case of a problem, the system's capabilities - which include alarming and rapid activation of automatic re-routing – will constantly detect faulty network elements to massively speed up the resolution of a case as well as being able to meet customer expectations for resilience. The system has the additional feature of measuring specific SLA parameters such as packet loss, jitter and latency and keeping these indicators constantly monitored.

BENEFITS AT A GLANCE

MEF CE2.0 Carrier Ethernet enables you to deliver well understood services requirements with enhanced capabilities and to migrate legacy services without risks.

1. True Quality of Service: well-defined, leading performance and quality parameters give you the ability to operate at a significant higher service level than on traditional Ethernet networks

2. Service Management: the first-class OAM-performance management provides you deepest end to end service detail views to efficiently manage your customer SLA over our networks

3. Simplicity to drive costs down: our MEF Carrier Ethernet network implementation reduces complexity and provides you with more competitive pricing in combination with leading service availability and reliability

4. Quarter of a million business locations fibered: get connected to the largest alternative fibre-network in Europe, including over 300 Datacentres

MEF CARRIER ETHERNET – NEXT GENERATION ETHERNET

MEF certified Carrier Ethernet increases end-to-end network reach with improved multi-site connectivity and interoperability for multi-vendor network environments. Pre-tested service attributes streamline and accelerate provisioning, enable better SLAs and improve fault management. This provides greater reach, quality and service delivery and performance on a national and pan-European scale.

AVAILABLE CARRIER ETHERNET MEF CE2.0 SERVICES

Performance Monitoring
MEF CE2.0 Carrier Ethernet supports IEEE 802.3ah Ethernet OAM and IEEE 802.1ag Service Layer OAM and ITU-T Y1731 recommendations.

Choose Virgin Media business Carrier Ethernet options that fit your needs with low latency and high performance SLA guarantees.

SERVICE VALUE ADD-ONS

Configure and choose your Carrier Ethernet service according to your commercial and technical requirements.

Bandwidth Options
Easy and flexible bandwidth adaptions:

✔ Bandwidth can be chosen from 2Mbit/s up to 10Gbit/s with hierarchical bandwidth and information rates according to the MEF-standard (CIR/EIR).

✔ Higher bandwidths are available on request.

Resilience Options
Redundant and pre-configured connectivity paths between two or more sites can be designed according to your connectivity requirements. Dependent on the availability needs of your service, equipment resilience can be ordered as an option.

Quality of Service
Choose the bandwidth profile-classifications as Class of Service with full transparency as certified according to MEF CE2.0.

SLA Options

You can choose from a number of leading SLAs that cover detailed commercial and technical parameters.
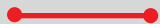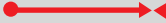
Interface types
Preferred Ethernet Demarcation Unit (EDU) interface options are 1G or/and 10G with support of varied distances (SX/IR/LX).

ABOUT VIRGIN MEDIA BUSINESS

At Virgin Media Business we offer innovative, cost-competitive bundles and bespoke solutions to large blue chip corporations, public sector organisations, small office/home offices (SoHo), small and medium sized businesses (SME's) and carriers.

Our competitive advantage lies in both our high capacity optical Fibre network (exclusively owned within Ireland with extensive reach) and the breadth of our product portfolio, which spans the complete spectrum of business communications.

As one of the largest communications service providers in Ireland, we have a very strong presence in Dublin, Cork, Galway, Limerick, Mullingar, Sligo, Athlone, Kilkenny, Carlow and Waterford. We are committed to investing in our Network, systems and people to provide high quality services.

	Private Service Port-based	Vitrual Service VLAN-based
E-Line Point-to-Point | UNI-UNI The site-to-site connectivity enables communication between two sites.	EPL | Ethernet Private Line	EVPL Ethernet Virtual Private Line
E-ACCESS Point-to-Point | UNI-ENNI The E-Access is a wholesale variant to connect a (number of) UNI(s) with an ENNI (OVC).	Access EPL | Access Ethernet Private Line	Access EVPL Access Ethernet Virtual Private Line