

- ✓ Part supply
- ✓ Repair & Refurbishment
- ✓ Technical Support

Alcatel 7450 ESS



Carritech offer a wide range of support services for the Alcatel 7450, including repair and refurbishment, part supply and ongoing technical support.

The Alcatel 7450 Ethernet Service Switch (ESS) family of Carrier Ethernet switch routers is designed to deliver high-performance MPLS-enabled carrier Ethernet services. At the same time, it provides the ideal platform for metro Ethernet aggregation for fixed and mobile networks.

Alcatel 7450 ESS Family:



7450 ESS-7



7450 ESS-12

Key Features

- The Alcatel 7450 ESS scales system capacity from 2 Tb/s up to 4 Tb/s
- It is able to provide high-density Gigabit Ethernet (GE), 10GE, 40GE, and 100GE interfaces
- It uses the FP3 network processor to provide deterministic packet forwarding performance, even when complex processing-intensive operations are required
- It is able to accommodate growth and maximizes port efficiency with high-density 7210 SAS-S-series Ethernet and TDM satellite platforms

For more products and information regarding Carritech and the wider telecommunications industry, visit our website at www.carritech.com or follow us on twitter [@carritech](https://twitter.com/carritech)

Carritech Limited, 8-12 Holmes Hill Estate, Holmes Hill, Lewes BN8 6JA

Technical Information

Main characteristics

Leveraging Alcatel 400 Gb/s FP3 silicon technology, the 7450 ESS integrates the scalability, resiliency and predictability of MPLS with the bandwidth economics of Ethernet to deliver enhanced business services and enable the metro aggregation of mobile, business and residential services. Available in four chassis variants, the 7450 ESS supports comprehensive Ethernet, IP (IPv4/IPv6), MPLS and Provider Backbone Bridging (PBB) networking with advanced resiliency and synchronization capabilities.

The 7450 ESS is Metro Ethernet Forum (MEF) Carrier Ethernet (CE) 2.0 compliant, enabling the delivery of CE 2.0 certified services across all four MEF service types – E-LAN, E-Line, E-Tree and E-Access.

As a member of the Service Router product portfolio, the 7450 ESS also utilizes the Alcatel-Lucent Service Router Operating System (SR OS). It is managed by the Alcatel-Lucent 5620 Service Aware Manager (SAM) for seamless integration into other IP/MPLS solutions by Alcatel-Lucent.

Chassis Variants

The 7450 ESS is available in two chassis variants— the ESS-12 and ESS-7—and supports a wide range of interfaces, integrated service adapters (ISAs) and common system modules that are optimized to address various network and application requirements.

Need support for Alcatel 7450 ESS products?

We can help.

Call: +44 203 006 1770

Email: contact@carritech.com



For more products and information regarding Carritech and the wider telecommunications industry, visit our website at www.carritech.com or follow us on twitter [@carritech](https://twitter.com/carritech)

Carritech Limited, 8-12 Holmes Hill Estate, Holmes Hill, Lewes BN8 6JA