



Alcatel-Lucent Optical Networking Solutions

Build cost efficient enterprise private optical networks with low complex operations

Alcatel-Lucent
Enterprise





High capacity data transport between data centers is a necessity for enterprises to support the growing demands for important data transmission with the **upmost reliability**, including high bandwidth applications such as multi-media devices and other Internet of Things (IoT) devices.

High bandwidth capacity and seamless Data Center Interconnect (DCI) connectivity

Data centers use high-end DWDM optical network solutions for transporting multiple 10G/40G/100G services to **satisfy the increase in demand for high bandwidth.**

As data capacity increases, the need for economical rack space and power consumption has become more crucial to create cost effective, scalable networks.

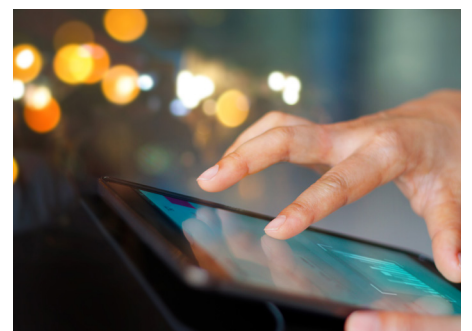
Alcatel-enterprise Omniswitch family provides an **easy scalable network solution** that is power efficient and requires a minimal deployment footprint Enterprise wide area networks connect all aspects of the enterprise.



Headquarters to branch offices



Manufacturing plants to supply chain



Customers to sales

Data center interconnect (DCI) is an important use case of the enterprise WAN, linking data centers for critical applications, such as **business continuity**, **disaster recovery**, or **remote analytic computing**.

End to end solution for DCI and corporate connectivity

The joint Alcatel-Lucent & Nokia WaveLite DWDM solution delivers easy-to-deploy solutions for many enterprise networking use cases, including:

Enterprise WAN connectivity

Enables **aggregation and transport of multiple applications or services** onto higher rate optical links for connection to various offices, operations, data centers and internet exchanges.

Enterprise self-build DCI

Lets enterprises, **using leased dark fiber**, easily construct data center interconnect to enterprise-owned or multi-tenant data centers.

Enterprise self-build DCI with a service provider

Allows **service providers to build enterprise dedicated connectivity solutions** with ease and at low cost.



Nokia WaveLite Family

An optical platform purpose-built for enterprise connectivity

Muxponder & Aggregator modules

WaveLite Metro20 WaveLite Access 200 WaveLite Metro 200

Amplifier & DWDM Multiplexer Modules

WaveLite Amplifier WaveLite Mux16

All WaveLite products are compact, have a 1RU-high chassis with low power consumption, and AC or DC powering. The products are configured through an on-demand, user-friendly, web-based interface.

Efficiency

Modular hardware architecture allowing to **save unused physical space**.

Ease of use

Simple to build, easy to manage solution with **intuitive user interface**

Security

AES-256 client & line-side **encryption**.

Resilience

Protection against **unexpected network failures**.



A network foundation that delivers the services needed to grow the business.

In the Alcatel-Lucent Enterprise vision, **the network becomes an enabler for a true digital transformation.**

It plays an active role in deploying and optimizing digital business processes, and proposes productivity and new revenue generating services.