

CUBE OPTICS' Solution Enables IPTV Rollout in Germany



Arcor's Networking Challenge:

Arcor first partnered with Cube Optics in 2005 when Cube Optics' passive multiplexers were used to overcome the occasional bottlenecks in their access/metro/regional core backbones in Arcor's existing SDH network, interconnecting approximately 4,000 DSLAMS nationwide.

Familiar with Cube Optics' passive multiplexer solution, Arcor again turned to CUBO in 2007 to assist with network deployment to support its new IPTV service rollout. This new generation network deployment included the introduction of IP DSLAMs and finally based the IP transport over Ethernet.

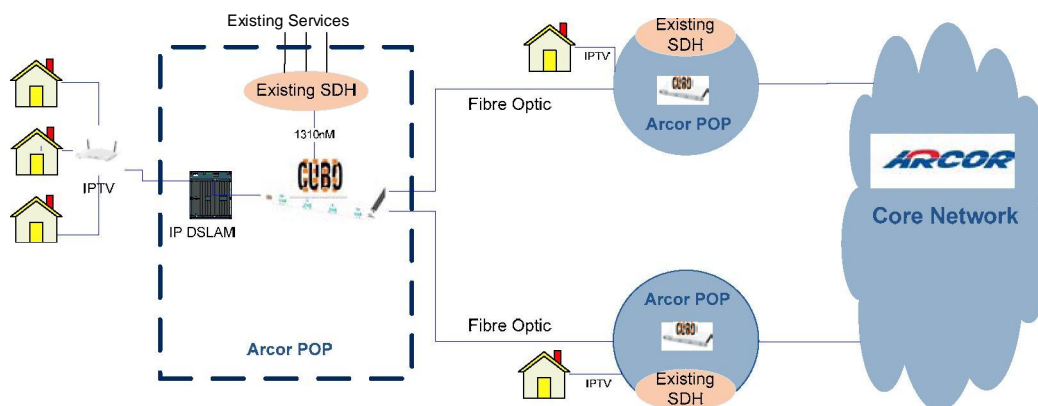
Cube Optics' Solution:

Cube Optics' CWDM multiplexers have been introduced into Arcor's new access network to help in two specific areas:

- Firstly with the fibre relief management to handle the IPTV services;
- Secondly to split the upper band for the DWDM system and the lower band for the legacy SDH traffic.

In the summer of 2007, Arcor upgraded 12 cities, totalling over 800 nodes, to offer the new IPTV services. Cube Optics' passive multiplexers are deployed at each of the 800 nodes.

The Benefits of Cube Optics' Solution:



"The Cube Optics team has proven their ability to be a strategic supplier to Arcor since 2005", commented Manfred Schrader, Regional Technical Director. "The Cube Optics' solution is cost effective and simple to install, giving us significant opex as well as capex savings".

Cube Optic's CEO, Francis Nedvidek added, "Building a strategic partnership with Arcor is key to the success we've shared over the last 3 years."

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About Arcor AG & Co.KG

With a turnover in 2006/07 exceeding 2.1 Billion Euros, Arcor is Deutsche Telekom's largest fixed network competitor. Arcor's broadband service portfolio offering telephone, fast internet and IPTV offerings. Residential customers benefit from cheap packages for phone and internet usage. Arcor offers business customers – from small and medium sized companies to multinational corporations – intelligent communications solutions. The service portfolios encompass voice and internet connectivity offering flexible bandwidth, video and telephone conferencing, service numbers as well as VPN networks for the secure exchange of sensitive data between different sites.

About Cube Optics AG

Cube Optics uses proprietary technologies to supply customers with extraordinarily compact, high performance and low-cost fiber optic devices. Products extend from components used by OEMs to custom designs imbedded into subassemblies to complete stand-alone systems installed with carrier-class network operators. Our exceedingly adaptable optical building blocks enable creative and cost effective solutions for data communications, telecommunications, industrial sensors and medicine. Cube Optics is known to European Carriers for offering lowest-cost access network solutions since Cube Optics enabled the rollout of the major European Local Loop Unbundling projects with more than 10,000 passive multiplexers being deployed during the last 24 months.