colt

Case Study

Tackling the huge growth in internet traffic with simple, cost-effective 400G IP transit ports

CORE BACKBONE

The customer:

A fast-growing international carrier based in Germany

Core-Backbone GmbH is an established and rapidly growing carrier headquartered in Germany, operating a global network on three continents.

For more than 15 years, it has built a strong reputation providing secure, highly available and high-performance internet services to large organisations and public sector customers.

"400G ports are a technology of the future for us, giving us more flexibility to meet the IP needs of our customers and of their end users."

Andreas Goetz,
head of sales
and marketing,
Core-Backbone

The challenge:

Keep up with demand for capacity without increasing costs

In today's internet-centric world, demand is rapidly increasing from businesses that require IP transit services to connect people, locations and data. Carriers are under pressure to boost capacity to meet this need, while keeping prices competitive, and without increasing network complexity.

The solution:

Leading the market with 400G IP transit ports

Along with Wavelength services, Colt already provided Core-Backbone with fast, high-performance IP transit services. The customer was happy with both the quality of the services it received and the strong relationships the two companies had built.

"Colt is one of our top providers for quality and for people, with a team that's very flexible and listens to our needs and ideas," said Andreas Goetz. "When Colt became one of the first global providers to launch 400G IP transit ports, it was a natural choice for us to take advantage of this development. We're upgrading to 400G ports across our network, including peering ports at large exchanges like DE-CIX and LINX."

The benefits:

Addressing customer needs with efficient, simplified services

As Core-Backbone grows its business, Colt's product offering is evolving to meet the growing data needs of the organisation and its customers.

A 400G IP port provides economies of scale and is more cost-efficient in terms of power usage and materials, and offers savings of up to 75% on cross-connect costs compared to four individual 100G ports.

A smaller number of larger ports also helps to simplify the network and make it easier to manage, helping to boost the end customer experience.

"Upgrading our network with 400G ports saves us a great deal of expense, helping us offer our customers an even more competitive service and even greater performance," said Andreas.

"400G ports are a technology of the future for us, giving us more flexibility to meet the IP needs of our customers and of their end users."

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