

Press Release

Eurotransplant switches to Smartoptics to secure mission-critical workloads

Oslo, Norway – December 5, 2024 – Smartoptics, a leading provider of optical networking solutions, today announced that Eurotransplant, an organ allocation network based in the Netherlands, has switched to a Smartoptics solution for interconnecting its data centers. Given the nature of Eurotransplant’s activities, security and reliability are critical. The Smartoptics solution is cost-efficient, easy to use and increases security with easier encryption management. Eurotransplant now also has full control over its equipment, cutting managed service costs.

Eurotransplant coordinates the allocation of donor organs across multiple countries, ensuring that organs are matched efficiently and fairly to patients in need. Given the critical nature of these operations, secure and reliable data center interconnection is essential to maintain real-time communication and data integrity, ultimately saving lives.

Eurotransplant interconnects two data centers in Amsterdam with its HQ in Leiden. By switching to Smartoptics transponders, transceivers and passive multiplexers, this mission-critical network is now more cost-efficient and easier to manage. Eurotransplant now also has full control over the network instead of having to pay for managed service as in the past. The total cost of ownership (TCO) is reduced by 40% within five years with the solution, which was selected and implemented in close collaboration with integration partner ncubed.

“Eurotransplant turned to us to help them accelerate the growth of their network in a cost-efficient manner. We are proud that our proven solutions based on Smartoptics products have cut TCO nearly in half for Eurotransplant. This deployment is a shining example of how we put the customer’s needs first and foremost in our approach,” says Michael Ataman, CEO, ncubed

“Eurotransplant is a success story of why it’s smart to switch to Smartoptics, in terms of cost efficiency, ease of use, security and performance. ncubed’s customer-centric and transparent approach to supporting the customer is well aligned with our own values, and we all collaborate closely and openly to provide solutions optimized for Eurotransplant’s needs,” says Pieter Bakker, Key Account Manager Benelux, Smartoptics

Smartoptics’ simple and robust encryption methods help Eurotransplant enhance security. Encryption keys can now be easily generated instead of having to manually renew encryption certificates. The network is also fully redundant and secure from battery outages that could compromise encryption

“Switching to Smartoptics helped us greatly improve cost efficiency, ease of use, and network security. Renewing encryption certificates used to be such a pain that we used one encryption certificate for the whole network. Now it’s so much easier with Smartoptics that we have enhanced our security by generating a unique key for each link. I also appreciate that Smartoptics is easy to communicate with directly, that ncubed supports this, and that we are not forced into higher bit rates before we need them,” says Wouter van der Logt, Infrastructure & Security Architect, Eurotransplant.

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About Smartoptics

Smartoptics provides innovative optical networking solutions and devices for the new era of open networking. Our customer base includes thousands of enterprises, governments, cloud providers, Internet exchanges as well as cable and telecom operators. We have an open networking approach in everything we do which allows our customers to break unwanted vendor lock-in, remain flexible and minimize costs. Our solutions are used in metro and regional network applications that increasingly rely on data center services and specifications. Smartoptics is a Scandinavian company founded in 2006. We partner with leading technology and network solution providers such as Brocade, Cisco and Dell and have a global reach through more than 100 business partners.

For additional information about Smartoptics, please visit smartoptics.com/

About Eurotransplant

Eurotransplant is responsible for **the allocation of donor organs** in Austria, Belgium, Croatia, Germany, Hungary, Luxembourg, the Netherlands and Slovenia. This international collaborative framework includes all transplant hospitals, tissue-typing laboratories and hospitals where organ donations take place. The allocation system is based upon medical and ethical criteria in order to ensure an optimal use of available donor organs.

For additional information about Eurotransplant, please visit <https://www.eurotransplant.org/>

About ncubed

ncubed consists of connectivity and network specialists who leverage automation to deliver fast results with effective outcomes. They help businesses shift focus from operations to customer processes, taking full control of their connectivity and accelerating growth. As part of the 90North Group, ncubed specializes in flexible IT infrastructure and open-source solutions, allowing businesses to avoid vendor lock-in, reduce total cost of ownership, and meet sustainability goals. Their approach ensures operational excellence with minimal hardware replacements and future-proof solutions.

For additional information about ncubed, please visit <https://ncubed.nl/>