The Private Bank specialises in asset management for private and institutional clients. They needed to secure their mission critical Storage Area Network (SAN). Their credibility and commitment to their customers depended on ensuring the links to ultimate protection of their data and availability of their services.

The client already worked with ID Quantique (IDQ) before, having used the Centauris 1G encryptors to secure critical links. This time they chose IDQ’s Centauris 10 Gigabit Ethernet encryptors. Four were installed to secure two redundant links.
IDQ’s products were the only encryptors which combined critical security and networking features with full performance. After deployment of the encryptors, 100% of the available bandwidth was maintained without packet expansion or loss. Advanced network management tools, and features such as Link Loss Forwarding, were critical to the bank to ensure network availability and manageability, as well as compatibility with CWDM multiplexers and other standard network equipment. Prior to the installation, IDQ helped architect the overall solution, providing OTDR measurements of the optical fibers to ensure a high quality communications infrastructure for the bank, and to test the active components on the network.

IDQ’s encryptors are based on the leading 256-bit AES cipher (Advanced Encryption Standard), and are certified to the highest commercial standards — Common Criteria EAL4+ & FIPS PUB 140-2 level 3 accreditation.

Results

The bank protects its mission critical network links with IDQ's Centauris encryptors, including the redundant SAN links between the headquarters and the DRC.

"Our credibility and commitment to our customers depend on ensuring the ultimate protection of our data and availability of our services."

CIO of the Private Bank