

REYL & Cie Ltd

Integrated access control enables private bank to securely fend off unauthorised network access.

“The ALE solution recommended by our trusted network partner keyIT has enabled us to implement access security at the network port level without additional investment.”

Ben Musso, CTO, REYL & Cie Ltd

The internationally active private bank REYL & Cie Ltd (REYL), headquartered in Geneva, faces new challenges: Its internal control bodies, as well as the Swiss Financial Market Supervisory Authority FINMA, require internal and external access to the network be permanently controlled so that unauthorised access is blocked and malicious actors cannot connect to the bank's network.

CHALLENGES

The regulations require end-to-end network access control (NAC) with certificate-based authentication for all access, which means REYL needed a LAN and WLAN solution with rigorous NAC. Together with its network partner keyIT, the bank found what it was looking for in Alcatel-Lucent Enterprise, whose switches and access points have integrated NAC functionality and can be implemented quickly and easily. Unlike with other manufacturers' products, no additional, often very expensive, NAC solutions are needed.

ACTION

Roll-out of the new network started at the Geneva headquarters. Specialists from keyIT configured the ALE hardware and software, and the bank was able to quickly put the network into operation without any problems, and with the desired high-level security. REYL then replicated the new network infrastructure to its other sites. This did not require any on-site configuration work. As REYL relies on standardised, well-prepared configurations, the switches and access points can be deployed and replaced worldwide without the physical presence of a technician. The renewed network environment fully meets REYL's needs. The reliability and stability of the network infrastructure, secure network access and the homogeneous solution for LAN and WLAN are particularly important to the bank. In short: The bank now has a secure network from a single source meeting all its access control requirements.

PRODUCTS AND SERVICES

Alcatel-Lucent OmniSwitch® 6900, 6860 and 6560 LAN Switches
Alcatel-Lucent OmniAccess® Stellar AP1321 WLAN Access Points
Alcatel-Lucent OmniVista® Cirrus Network Management System

RESULTS

Technical benefits

- Homogeneous LAN and WLAN environment, with all network components from a single source
- Unified network management with OmniVista Cirrus
- Integrated NAC functionality provides comprehensive access security at network port level
- Certificates on the end devices for secure authentication at the switch or access point
- Reduced configuration effort as users are automatically routed to the correct network

Financial benefits

- Reduced IT effort: Complete network easy and efficient to manage, roll-out without on-site personnel
- No additional capital expenditure for NAC

User experience benefits

- Adherence to internal compliance requirements and FINMA regulations
- Maximum LAN and WLAN access security with minimum effort
- Uncomplicated roll-out at worldwide locations
- Many years of good experience with ALE network products

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Customer Story

MARKET: FINANCE & INSURANCE
DEAL IMPLEMENTED: 2022

COUNTRY: SWITZERLAND
NUMBER OF USERS: 450

COMPANY:
REYL & Cie Ltd