



CYBERSECURITY FOR NETWORK ACCESS CONTROL

Cybersecurity is the practice of protecting systems, networks, data, devices, and programs from any malicious digital attacks that aim to access, change, or destroy sensitive information

OPPORTUNITY DEFINITION | CYBERSECURITY | IT NETWORK ACCESS CONTROL

This initiative is part of the organization's ambition to implement Network Access Control (NAC) for QRail, by providing the IT Team the ability to foresee the users and devices trying to connect to QRail IT local area network, and provide them the ability to allow or reject the access. This will reduce cyber threats across QRail's systems and improve network performance.

TARGET MARKET

Target Market

QRail is responsible of managing and operating rail transport in Qatar. **In December 2021, the usage of Doha Metro exceeded 2.5 million passengers.**

Target Users

- Employees of QRail



KEY PROBLEM STATEMENT | NEED

Cyberthreats against transportation companies have increased especially since the start of the Covid-19 pandemic, mostly as Advanced Persistent Threats and the increased used of mobile devices.

Therefore, implementing the Network Access Control solutions would provide increase network visibility, reduce cyber threats, and improve network performance.



PROCUREMENT CYCLE

Identification Stage

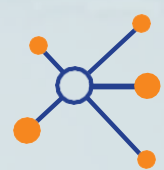
The opportunity is yet to be identified.



TIMESPAN



Total duration of 6 months including implementation and testing.



ADJACENT OPPORTUNITIES

- Digital Transformation
- Cybersecurity Strategy
- Cloud Migration

STAKEHOLDERS

- QRail



OWNER AND SECTOR

Owner QRail

Sector Transportation



BUDGET ACROSS CYBERSECURITY ECOSYSTEM

The Qatar market for Cyber Security is projected to reach **USD 1,642 million** by 2026, at a compound annual growth rate (CAGR) of 13% from 2022 to 2026.

