ALIENSGUARD®
PRIVATE & PROTECTED

METRO RAIL SECURES REMOTE MONITORING OF CARS & TRACKS

USE CASE - TRANSPORTATION RAIL

CASE DETAILS:

COMPANY : Transportation

PROBLEM : A hacker can read the remote monitoring confidential data of railcars and tracks.

SOLUTION : Deploy unhackable Aliensguard Data Diodes to securely transfer the data from railcars to remote monitoring offices.

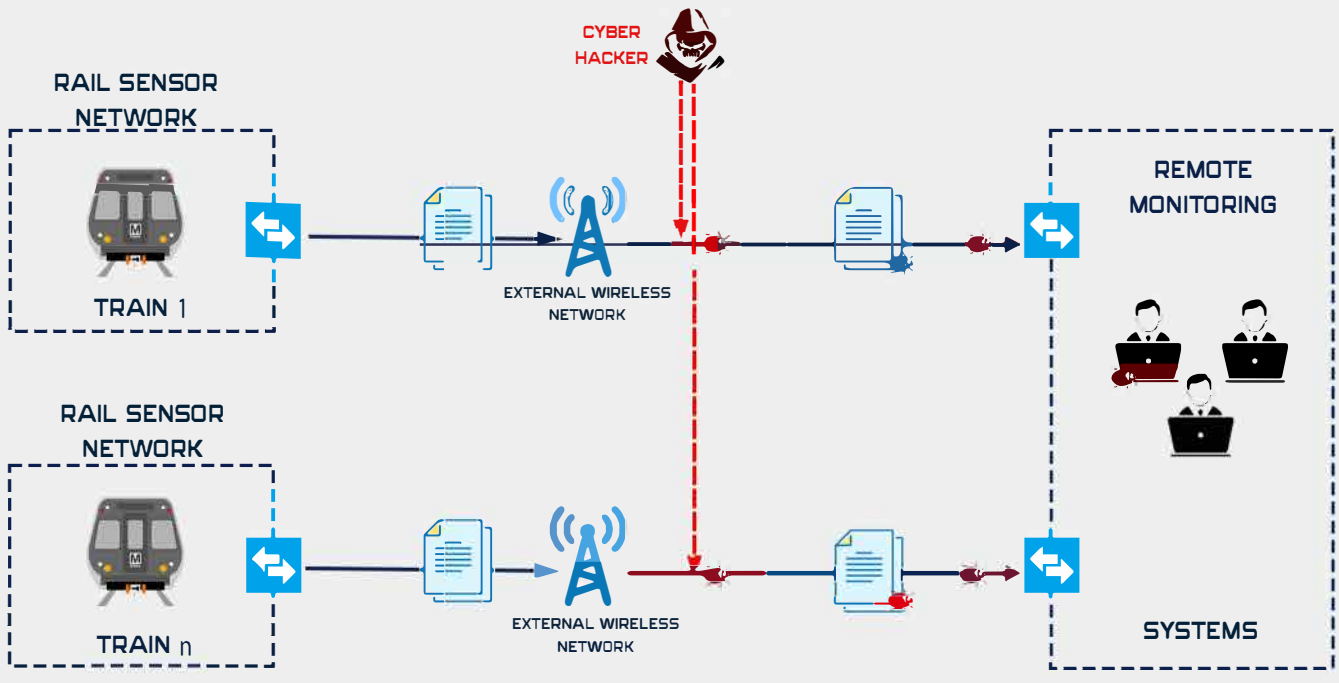
COMPANY PROFILE

A national metro train operates more than 140 stations across six MRT lines. This 200km system has over three million daily ridership.In addition, there are more than 40 stations across two LRT lines and this 28km system has over 200 thousand daily ridership.

CYBERSECURITY PROBLEM

Th rail company has deployed sensors on its railcars and tracks. These sensors are keep sending the performance and safety statistics to centralized monitoring systems from external networks. This may led hacker to read and manipulate the data and cause disurption across metro operating system..

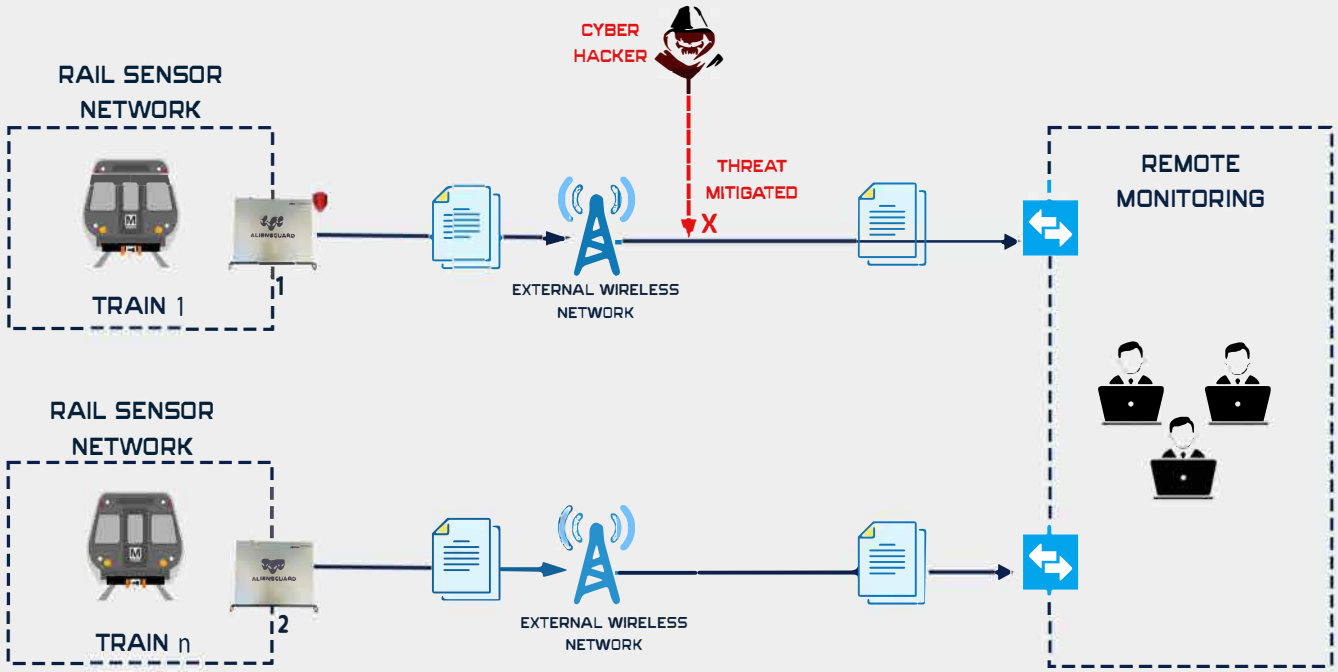
USE CASE - BEFORE



SOLUTION :

Deploy Aliensguard Data Diodes (AG-ORCA-1G/AG-MAXIMUS-10G) to secure one-way data transfer from railcars and tracks to remote monitoring systems.

USE CASE - AFTER



PRODUCTS HIGHLIGHTS:

AG-ORCA-1G

AG-ORCA-1G provides hardware-enforced,assurance, high-availability, single direction security that securely transfers data within network. Designed for all enterprises, the AG-ORCA-1G can transfer the data from 25Mbps to 1000Mbps.

AG-MAXIMUS-10G

AG-MAXIMUS-10G provides hardware-enforced, assurance, high-availability, single direction security that securely transfers data within network. Designed for all enterprises, the AG-MAXIMUS-10G can transfer the data from 1Gbps to 10Gbps.

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Aliensguard develops and sells cybersecurity products which supports both unidirectional and bidirectional data transfer. Data diodes act as checkpoint to secure data availability across the networks. Aliensguard have promise to deliver unhackable devices to replace software based firewall.

For more information visit www.aliensguard.ae

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