

From: Benjamin Owusu

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Title: SCADA systems

SCADA systems

SCADA, also known as (Supervisory control and Data Acquisition) plays a key role in protecting critical infrastructure systems data and personal information such as hospitals, schools, and airports.

Vulnerabilities in critical infrastructure:

Cyber threats:

Over the years, targeted cyber attacks such as Ransomware, Malware, DDos, and MITM attacks have increased which has affected public and national security by information being stolen from people leading to millions of dollars being lost due to business interception caused during the attacks, ransom fees paid, and legal fees paid to the individuals affected.

Inside threats :

Employees with inside access to company technology systems can use their access to deliberately cause harm by downloading suspicious malware, giving access to unauthorized personnel, and selling sensitive information to groups against the organization they're working for.

In conclusion, SCADA systems introduce their own set of vulnerabilities, and play a vital role in mitigating risk against critical infrastructure.

Cites

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