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<center>What are SCADA Systems?</center>

Overview of SCADA

Supervisory Control and Data Acquisition systems are important in controlling our industrial control systems. It's important to keep these systems safe, so we can have things like water, electricity, and sewages systems free from interference.

Why Should SCADA Systems be Protected?

Cybersecurity experts should work to make sure there is software as well as hardware in place to ensure that no one can access important information without authorization. SCADA systems help individuals make sure that everything is going well with the data as well as many other things related to critical infrastructure. SCADA systems can also record data for future review, this can help companies ensure that their main systems are operating efficiently (Muthukrishnan, 2024). According to scadasystems.net, a SCADA system can alert companies to potential problems in their systems (*SCADA systems*). That will help them to figure out problems before they become major issues.

Conclusion

Critical infrastructure systems are important in the United States. An unauthorized individual getting access to one of these systems can cause major issues. For example, if someone got access to one of our water treatment plants, they could potentially alter the cleaning process. That could hurt the individuals that consume the water. SCADA systems help with the process of critical infrastructure systems, so it is important to keep those systems safe from hackers.

References

Muthukrishnan, V. (2024, June 6). *SCADA system: What is it? (Supervisory Control and Data Acquisition)*. Electrical4U. https://www.electrical4u.com/scada-system/

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