Vulnerability of Critical Facilities By Outdated Security Measures And Mindset

The Cat Is Now Amongst The Pigeons

The UK's infrastructure is at risk due to outdated security measures. Essential facilities like water and sewage treatment plants, waste management sites, and power supplies are vulnerable to various threats.

"Thousands of homes depend often on a single sewage plant". If disrupted or shut, resolving the issue is challenging. Human waste cannot be easily rerouted from the pipe work it sits in!

Do Companies Understand The Importance of CNI Security

The infrastructure that supports our lives, like water, waste disposal, and energy, is crucial. Disruptions to these systems can severely impact public health, environmental safety, and economic stability. Maintaining security measures is essential to protect these facilities from attacks and foreseeable events.

Known Weaknesses in Sewage Treatment Plants

Many of these facilities still use outdated security systems from decades ago, which can be easily bypassed by cyber attackers. This can lead to severe consequences like water contamination and sewage treatment disruption. Upgrading security systems is crucial to protect against unauthorized access and manipulation.

Known Vulnerabilities in Waste Management Sites

Waste management sites are vital infrastructure often neglected in security. These locations are vulnerable to sabotage. Modern autonomous security measures are essential to protect them.

Known Risks to Power Supplies

Power is essential to society, from homes to industries. However, outdated security leaves power grids and substations open to attacks, leading to blackouts and service disruptions. Upgrading to advanced threat detection, real-time monitoring, and robust response strategies is crucial to protecting power supplies.

Conclusion

It is clear that this country faces various threat actors, necessitating effective detection by security and surveillance systems, particularly regarding changes in systems (such as SCADA or BMS) or heat variations. The adoption of advanced autonomous security systems is crucial to effectively counteract threats and enhance legacy and physical baseline security systems.

Why are we so quick to identify a foreseeable threat and still wait for the next impact when we all know it's coming? There are cost effective solutions so why are they not being used?

 SASD may be the solution your looking for!

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