

Upgrade Firmware and Patches for Air-Gapped Devices

TXOne Portable Inspector Pro



Challenge

Air-Gapped File Transfers

Many ICS/OT environments were designed to operate in isolated, air-gapped environments to mitigate risks. However, this isolation makes it difficult to update firmware securely. Using standard removable storage devices to transfer these files creates an opportunity for malware to spread into the OT network.

Solution

TXOne Portable Inspector Pro

Designed specifically for ICS and air-gapped environments, TXOne Portable Inspector Pro allows operators to inspect all files and securely transfer patches and firmware updates to control systems.

The Secure Storage Console* makes it easy to upload files that are then scanned for malware and stored on the USB stick. LED indicators help users quickly confirm that files are safe and moved into storage with AES-256 encryption. Operators can confidently connect the Portable Inspector Pro into the USB port of the machine and upload the secure files to keep systems truly air-gapped.

*The Secure Storage Console and file transfer function is only available on Windows endpoints.



Success Story

Manufacturer Pixelle Specialty Solutions selected Portable Inspector Pro and found implementation to be simple, straightforward, and very intuitive to adopt within their Process Automation Team. Plus, it complied with their cybersecurity insurance requirements for ICS.

1



Upload files into Portable Inspector Pro Secure Storage

2



Inspection scans confirm files are free from malware

3



Safely transfer files to your control systems

Give it a try! Contact the TXOne Team to learn more and get started at learn.txone.com/portable-inspector

About TXOne Networks

TXOne Networks offers cybersecurity solutions for ICS and OT environments, employing the OT zero trust methodology for Cyber-Physical Systems (CPS). We foster collaborations with leading manufacturers and infrastructure operators to devise effective defense strategies, addressing security vulnerabilities in industrial settings.