# VIAKOO

# Viakoo Device Password Manager

## Individual login Credentials are Key to IoT Device Security

### Automated Password Compliance of all IoT Devices Protects the Enterprise

Organizations are exposed to cyber attacks through weak password compliance across enterprise devices. While most organizations have strict password policies to meet corporate governance, validating adherence, especially with regards to IoT devices is frequently a governance gap. Viakoo Device Password Manager automates verification of password and password policies at scale for thousands of IoT devices.

- Enforce password rotation for improved IoT device security

- Enterprise-scale protection with automated password management

- Individual IoT device passwords are enabled through automation

- Defend against use of default passwords on IoT devices

## Have Confidence in Password Status and Compliance

### Meet Standards Compliance

- PCI
- NERC
- NIST

Viakoo Device Password Manager verifies IoT devices are not using default or commonly used passwords and reports status of device passwords across the network. DPM automates the process of meeting password compliance against many industry standards, to ensure enterprise password governance.

## Increase Visibility for Better Cyber Protection

Manage cyber protection across multiple sites and geographies starting with visibility into password compliance and automating adherence to corporate policies. DPM is a module of the Viakoo Action Platform™ that together deliver full remediation and repatriation of IoT devices to complete an enterprise IoT security solution.

## Reduce Your Cyber Risk

- Automate password management of IoT devices
- Ensure policy adherence
- Efficient across the largest enterprises
- Eliminate repetitive manual efforts
- Complete audit trail

## VIAKOO ACTION PLATFORM™ SUITE

### The complete Viakoo Action Platform Suite includes:

Device Firmware Manager (DFM)
Device Certificate Manager (DCM)
Device Password Manager (DPM)

## Enabling the enterprise with the Viakoo Action Platform Suite

The Viakoo Action Platform with DFM, DCM, and DPM is a complete enterprise IoT device security solution solving the problem of

managing 1000s of IoT devices affordably. Delivered as a SaaS offering, the solution ensures all devices are inventoried, in compliance with internal policy, and are continuously remediated and repatriated as full, secure network citizens. This scalable, automated solution reduces an organization's risk, saves time and cost while delivering on IoT device ROI. The flexible and modular solution allows you to start small and grow over time while delivering value at each step.



# VIAKOO ACTION PLATFORM™ MODULES

## Device Firmware Manager

Security patches are crucial for IoT device security. Security patches are made through IoT firmware upgrades and must be implemented continuously as they become available.

Device Firmware Manager automates the process of firmware updates on IoT devices, at scale across the enterprise.

DFM provides compliance reporting complete with a history of changes for audit purposes. A secure "chain-of-trust" ensures only valid and functional firmware is deployed, and complete automation allows for updates of thousands of devices wherever they live.

## Device Password Manager

Device Password Manager automates the process of setting, maintaining, and managing IoT device passwords at scale. DPM automates verification of password and password policy management for thousands of IoT devices from a wide variety of vendors, providing password status, automated checking, and an audit trail for governance.

## Device Certificate Manager

Device Certificate Manager enables governance adherence by automating the process of installing, revoking, and updating device certificates such as 802.1x, TLS/LLS, OPC-UA and others. DCM provides detailed information on both managed and unmanaged IoT devices, their certificate status, and automates action to maintain them. A chain-of-custody process in incorporated to ensure device certificates cannot be modified or compromised.

*Master the security of your cyber-physical systems with the Viakoo Action Platform.*