Viakoo has shown that service assurance and automated verification of physical security system performance can minimize downtime dramatically, while also making detection of cyber threats possible and enforcing tighter control of policies. Viakoo recently augmented that with the addition of the IoT Tracker. Adding to the existing user interface that supports video surveillance and access control, IoT Tracker shows the status of IP-based security devices that you’ve entered in. It’s scalable, it minimizes IT involvement, and it offers a “set it and forget it” approach to verifying device and system performance. IoT Tracker informs you of the operational status, extending Viakoo’s automation to help prevent a lot of potential problems.

Why You Need IoT Tracker

There’s no doubt that IoT’s explosive growth – 80 billion devices will be connected to the web by the year 2025, according to research by IDC – is creating enormous challenges for companies while creating even bigger headaches. While global enterprises are embracing the use of technology to increase profits and to maximize productivity, all of that connected technology needs to be verified, secured, and reliable.

If you have IP-networked security cameras, which is only one example of IoT in physical security, you’re likely doing all that you can to ensure that they are functioning properly. But what about the rest of your enterprise’s physical security IoT devices? Wouldn’t it be useful, even vital, to secure all of your enterprise security solutions using a single platform solution? If a device has an IP address, it can be tracked and verified to ensure it is operating as intended. For example, are your security entrances (such as turnstiles) working? Are your wireless door locks operating correctly? How about your visitor login kiosks and perimeter detection systems? Viakoo’s IoT Tracker helps you know at all time how your security system is operating.

Cybersecurity is a subject of concern, mainly because there are numerous use cases for IoT among which most of the devices do not have traditional IT hardware protocols. Many enterprises are still underprepared to fight and respond to cyber threats.

CIO Review, Nov. 2018
Feedback and Reporting on IoT Devices

Viakoo’s IoT Tracker is designed to be operated from a single management console, and can be performed at any level of your security system hierarchy. All information can be exported using a .csv file. In addition to status, IoT Tracker can show (when available) device and lifecycle information including manufacturer, next service due, hardware version, and other data.

Cyber-hygiene Through IoT Tracker, CFUM, and Password Checking

Viakoo contains many key pieces of an overall cyber-hygiene strategy, including:

- Automatic inventory discovery
- Push-button reporting
- Camera password checker
- Alert Management
- Continuous system verification
- Governance with QoS metrics

About Viakoo

Viakoo is the leader in automated solutions for physical security diagnostics and management. Our award-winning products are used at the most critical physical security environments in the world, including ports, universities, hotels, casinos, and Fortune 500 enterprises.