OT Asset Discovery

Applied
Risk
a DNV company

Without an up-to-date and accurate inventory of OT assets, including automation controllers responsible for managing physical processes, it is virtually impossible to assess risk and apply effective defenses.

Applied Risk provides automated asset discovery services focussed on Operational Technology (OT) and Industrial Control Systems (ICS) networks. The asset discovery process consists of non-intrusive network monitoring and it provides in-depth visibility of your ICS networks - the basis for becoming cyber resilient. By connecting to the SPAN/ mirroring port of a network switch, we passively establish a complete asset inventory and network baseline of normal communications.

Applied Risk works with your network department to determine the best network points to connect to. The sensor will be connected to a one-way mirror port on your network infrastructure, ensuring network packets only flow into the sensor to prevent disruptions of your operational processes.
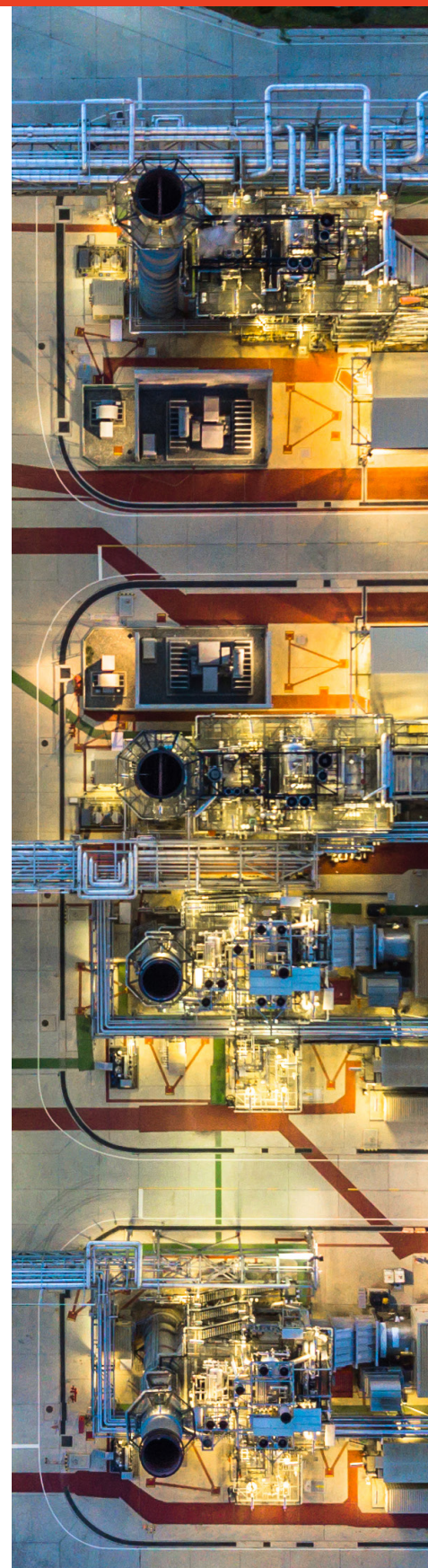
Key Benefits

- Assist in complying with emerging industrial cyber security regulations
- Identify OT networks, systems (e.g. DCS, SIS, PLCs, IEDs, RTUs etc.) and anomalies or suspicious activities
- Overcome the limitations of time-consuming manual processes, prone to human error
- Enhance incident response and forensics capabilities with network visibility

Deliverables

Data obtained from the asset discovery is used to produce a report with the following:

- A detailed overview of active IP-based assets and their associated network connections
- Remediation actions to address gaps - addressing actions in order of priority
- A clear, high-level graphical overview of findings and actions for management