

Securing Monitoring and Management of Industrial Assets



Remotely connecting equipment in manufacturing or utility operations can prevent unplanned downtime but often comes with several fundamental challenges. The most critical one is “IoT IAM, security and data privacy”. The idea of connecting large machinery, buildings, pumping stations etc. without a strong security posture can leave your infrastructure and/or services open to compromise or malicious attack. Any solution should have security at the heart of its design, considering strong device centric identity, authentication, integrity and access controls for end-to-end data transfers.

Reduce risks, lower operating costs and prolong equipment life with remote asset management solution, AssetMinder™ secured by KeyScaler™.



A Compelling, Secure Asset Management Solution

KeyScaler™ integrated with InVMA's AssetMinder™ offers customers a compelling, secure system solving the fundamental challenges of remote equipment monitoring delivering real customer benefits:

- Reduced unplanned downtime
- Extended equipment life
- Anticipated Service Requirements
- Increased customer satisfaction
- Increased equipment availability
- Full PKI/certificate lifecycle management
- Automated password management
- Integrity validation
- Secure device onboarding
- End-to-end data crypto
- Dynamic session based key generation
- Policy based encryption

How it works?

Data is typically gathered from the industrial equipment via a local controller, usually a Programmable Logic Controller (PLC) and connects, via a gateway hosting the Device Authority Agent, to AssetMinder™. The solution encompasses data capture, protocol conversion, data privacy / security and communication to Asset Minder hosted on a cloud based ThingWorx platform through any operator's wireless 3G/4G network.



* If required