

SECURELY CONNECTED, SEAMLESSLY PROTECTED

Cumulocity and Device Authority work together to safeguard IoT devices through automated identity lifecycle management, ensuring trusted, secure connections. Our combined solution delivers end-to-end IoT security—empowering you to innovate with confidence.

Device Authority: Intelligent IoT Security

Device Authority is a leader in IoT security automation, specializing in identity lifecycle management and zero-trust architectures. Their KeyScaler® platform automates credential management, encryption, and policy enforcement to ensure IoT devices remain secure at scale. Device Authority helps enterprises meet compliance standards while minimizing operational overhead, securing everything from medical devices to industrial control systems.



A Unified Solution for IoT Security

IoT security must be automated, scalable, and resilient. Cumulocity provides seamless device connectivity, management, and data-driven insights. Device Authority enhances this by automating the provisioning, updating, and retirement of device identities—while integrating with Enterprise SIEM tools and IT policy workflows, even in complex edge deployments. The result is an intelligent, automated security framework that protects devices and data across their entire enterprise and the entire lifecycle.



Overcoming Business Challenges

Managing IoT security at scale presents multiple challenges, including:

- **Growing Security Threats:** Unsecured devices are prime targets for cyberattacks, posing risks to business continuity.
- **Operational Complexity:** Manually managing device credentials and security policies is time-consuming and error-prone.
- **Regulatory Compliance:** Industries such as healthcare, utilities, and manufacturing must meet strict security standards and emerging regulation that require consistent enforcement.



Key Benefits of Device Authority & Cumulocity



Operationalizing Connected Device Security

Device Authority's KeyScaler reduces human error and accelerates incident response, minimizing risk, ensuring complete device and data trust, and enabling trusted AI in any connected environment.



Zero-Trust in Distributed Architectures

Establish continuous authentication, encryption, and device management for all devices, from public or private cloud through a network of networked, nested edge devices.



Secure Your Entire Fleet

You can use KeyScaler to generate cryptographically secure keys using your embedded systems as-is to avoid orphans in your most space – and resource-constrained devices.



Business Impact & ROI



Faster time to market

Automate security processes and accelerate product launches without security bottlenecks.



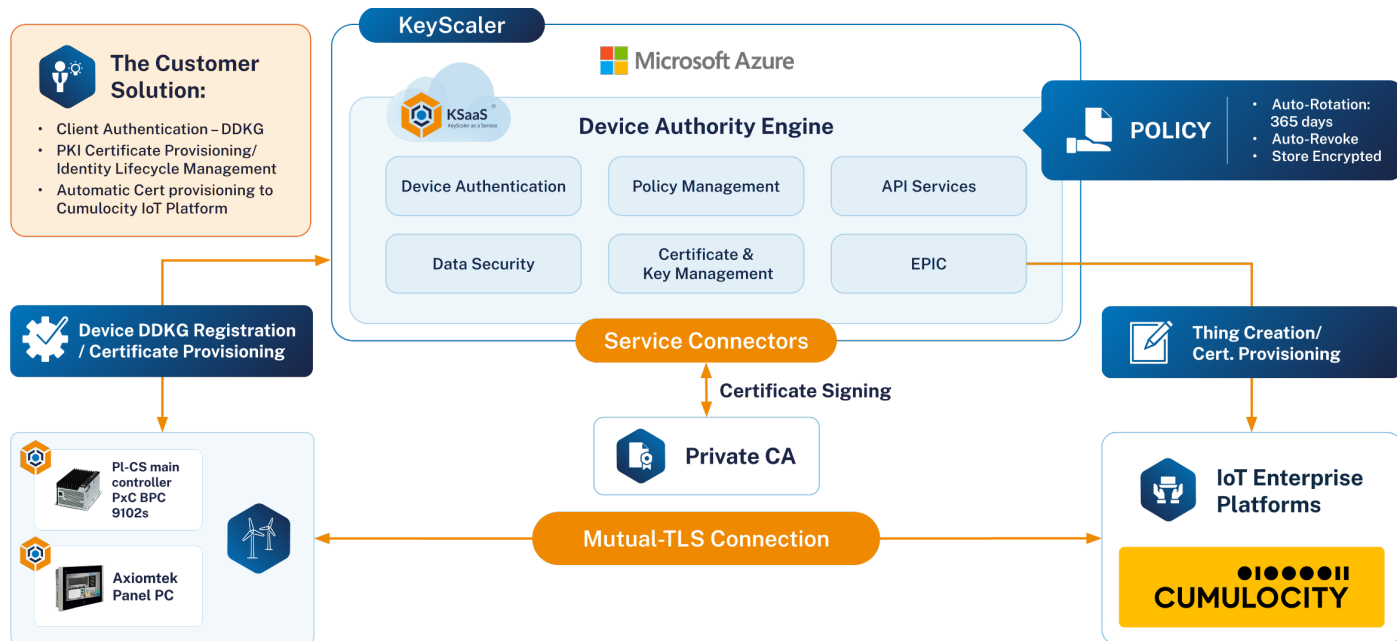
Reduced operational risk

Minimize security vulnerabilities and potential downtime with automated, policy-driven protection.



Lower total cost of ownership

Cut manual security management costs and scale IoT security without increasing operational complexity.



The integration between Cumulocity and Device Authority leverages:

- **KeyScaler Platform:** Provides automated credential management, policy-based access control, and real-time security enforcement.
- **Cumulocity Platform:** Delivers seamless device connectivity, monitoring, and data analytics.
- **Secure API Integration:** Ensures encrypted communication between devices, applications, and cloud services.
- **Zero-Touch Provisioning:** Automates device onboarding, reducing human intervention and potential vulnerabilities

DEVICE AUTHORITY

About Device Authority

Device Authority enables end to end cyber resilience for connected devices through the discovery, visibility and automated security of large IoT/OT deployments. With device identities outnumbering human identities 45:1 in enterprise environments and as unmanaged devices become a major target for attack, Device Authority's Discovery Tool and KeyScaler-as-a-Service (KSaaS) platform provide organizations with complete visibility and control of their device identities and vulnerabilities, reducing human error, accelerating incident response, minimizing risk, ensuring complete device and data trust, and enabling trusted AI in any connected environment.

For more information visit www.deviceauthority.com.



We're an independent device and application management IoT platform. Cumulocity connects and manages your devices and assets efficiently and can control them remotely.