## Solution Brief:

Hardware Root-of-Trust with Advanced Device Management

Powerful IoT Security

Device Authority has combined the proven Hardware Root-of-Trust technology from MULTOS with their advanced IoT IAM platform, KeyScaler™ to deliver a highly secure IoT endpoint and device management solution. This allows solution providers and OEMs to reduce their time to market by leveraging these established, reliable security components and fully integrate with other IoT platforms such as AWS, Microsoft Azure and PTC ThingWorx.
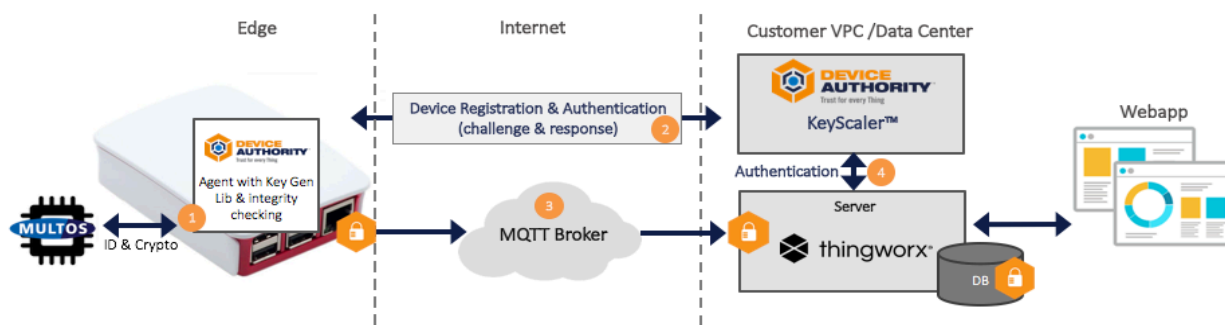
Device Authority is the leading provider of Identity and Access Management for the Internet of Things without human intervention. Our KeyScaler™ platform provides trust for IoT devices and the IoT ecosystem, to address the challenges of securing the Internet of Things. KeyScaler™ uses breakthrough technology including Dynamic Device Key Generation (DDKG) and PKI Signature+ that delivers unrivalled simplicity and trust to IoT devices. This solution delivers automated device provisioning, authentication, credential management and policy based end-to-end data privacy/encryption.

MULTOS has been at the heart of secure devices for 20 years, and over 1 billion secure MULTOS devices have been shipped. Based on Public Key Infrastructure (PKI) it is industry renowned and has obtained the highest band of security approval, the Common Criteria EAL7 certification. Solution and service providers can leverage MULTOS Trust Anchors, comprising embedded tamper-proof integrated circuits with the loaded MULTOS Operating System, which provides an ultra-secure execution environment, protecting the device from malware and other digital attacks. Critical data transmission can also be secured to and from the device using application based encryption.