

MATTER COMPLIANCE

The Power of DigiCert Device Attestation vs DIY

Overview

The growing importance of Matter compliance in the global marketplace necessitates device manufacturers to prioritize the implementation of a reliable and secure public key infrastructure (PKI). Matter-compliant devices require device attestation certificates to enable secure interoperability and trust. In this article, we explore two options for obtaining these certificates: setting up a DIY trusted root or partnering DigiCert as the existing trusted root. While setting up a DIY path involves significant hurdles, maintenance challenges, and the need for extensive PKI expertise, leveraging an existing trusted root offers a simpler and more cost-effective solution. DigiCert, a leader in digital trust, can help manufacturers adopt Matter quickly and at scale, ensuring rapid time-to-market and seamless certificate lifecycle management.

digiCert®**Do-It-Yourself**

Extensive IoT and PKI knowledge, ensuring accurate implementation and reduced compliance risk



Expertise

Skills shortage make it difficult to hire for the specific skills needed for PKI implementation

A globally recognized root of trust infrastructure that provides a secure foundation



Trusted Root

Significant resource investment to establish root of trust and a comprehensive certificate policy document.

PKI management with expert support streamlines issuance, saving time and effort



Management & Support

Requires skilled teams, time, and resources for project requirements and PKI maintenance

Support large-scale deployments, facilitating IoT ecosystem growth while ensuring compliance



Scalability & Flexibility

Challenging to efficiently manage a large number of devices and adapt to evolving requirements & environments

Comprehensive measures to protect device certificates, reducing vulnerabilities and unauthorized access risks



Security

Risk of error or feature gaps can interfere with Matter standards compliance, resulting in penalties and reputational damage

DigiCert's turnkey solution offers robust, quantum-prepared security for Matter, simplifying the complexities associated with DIY