

# DIGITAL TRUST IN NG9-1-1 SYSTEMS

## Building Resilient Security into Emergency Communication

### Overview

Public Safety Answering Points (PSAPs) are leveraging the power of Next Generation 911 (NG9-1-1) systems to receive rich communications (texts, contextual information, live feeds, photos, videos, and more) that improve call routing and data exchange with other agencies. By integrating NG9-1-1 with DigiCert Device Trust Manager, PSAPs can secure communications in a connected environment, protecting sensitive information and ensure the integrity of sender and content. The security, reliability, and interoperability of this integration enables PSAPs to deliver a higher level of service, guaranteeing the safety and well-being of communities and individuals in need.



### DigiCert IoT Trust Manager

**NG9-1-1 Compliance:** Meets the requirements of the standard set by NENA for modern emergency services.

**Certificate Management:** Governs the issuance and lifecycle of digital certificates, establishing and verifying the identity of PSAPs and other entities involved in NG9-1-1 communication.

**Global Revocation:** Supports automated certificate validation and renewal processes, enabling PSAPs to revoke compromised or expired certificates promptly.

**PKI Infrastructure:** Supports both single and multi-root architectures that enable PSAPs to handle increasing data volumes and evolving NG9-1-1 requirements.

**Secure Data:** Securely exchange sensitive information with external entities, ensuring the privacy and confidentiality of critical data.

### Benefits for NG9-1-1 Systems

**Security & Scalability:** Securely authenticates PSAPs, protecting NG9-1-1 systems against potential cyber threats while quickly scaling.

**Accelerated Time To Market:** Streamlined integration of NG9-1-1 advanced emergency communication capabilities.

**Trust:** Provides PSAPs confidence in the security of the NG9-1-1 system through DigiCert's trusted roots and expertise.

**Future-Proofing:** Adheres to international standards to ensure compatibility with future developments in NG9-1-1 technology and infrastructure development.

### Learn More

To learn more about DigiCert Device Trust Manager or to schedule a demo, contact us at [sales@digicert.com](mailto:sales@digicert.com)