Connected.
Protected.

THIRDWAYV

AppAuth™

Generic Features

- AppAuth was built from the ground up with a "Security by Design" attitude for mission-critical IoT applications
- Provides digital cryptographic identity to each element of the IoT system
- Protects the communication links in an IoT network as well as the environment surrounding link endpoints
- Product delivered as SDKs for the IoT Device, Smartphone and Cloud
- Works in conjunction with SecureConnectivity or in a standalone fashion
- Infinite customizations possible to meet specific customer needs

Cloud

- Lifecycle Management (new registration, revoking privileges, etc) of Devices & Phones in the IoT network
- Helps each IoT element Attest the veracity of the other
- Certificate issuance for all components of the IoT system
- Offered either as On-premises or as a managed service
- Multiple Cloud to Cloud APIs to leverage existing infrastructure

IoT Device

- Validates critical commands that the Device is asked to perform using remote attestation before command execution
- Device SDKs to support communication semiconductor offerings of multiple silicon partners and a variety of communication protocols

Smartphone App

- Utilizes Hardware root of trust to continually monitor the Phone OS integrity and authenticity
- Protects the Customer App from Phone OS vulnerabilities and malware attacks
- Hardens the Customer App against reverse engineering and tampering threats
- Communication protocol agnostic (ie supports WiFi, BLE, NFC, LTE, NB-IoT, or anything supported by phone)
- Enables User authentication by leveraging phone biometric (face or fingerprint) ID resources
- Support for both Android and iOS

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