AuthentiCA First, Then Connect

The IoT environment has various things connected by the internet, enabling convenient user experience. However, concerns of privacy violation such as information regarding user location and access records continue to rise, and incidents of IoT devices being abused are incrementally surfacing. In order to fill this gap, Penta Security launched AuthentiCA which provides powerful and user-friendly IoT security.

▌ Why choose **AuthentiCA**?

Simple Certification

AuthentiCA provides simple certificate issuance and management with a few clicks.

Applicable Anywhere

AuthentiCA provides certificates that can be used in Smart Car, Smart Factory, Smart Home, and Smart Energy.
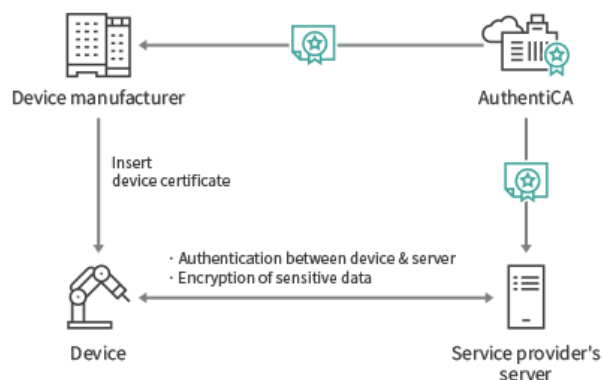
Comprehensive Security

AuthentiCA offers comprehensive security for all protecting against dangerous IoT threats like identify theft, data leakage and so on.

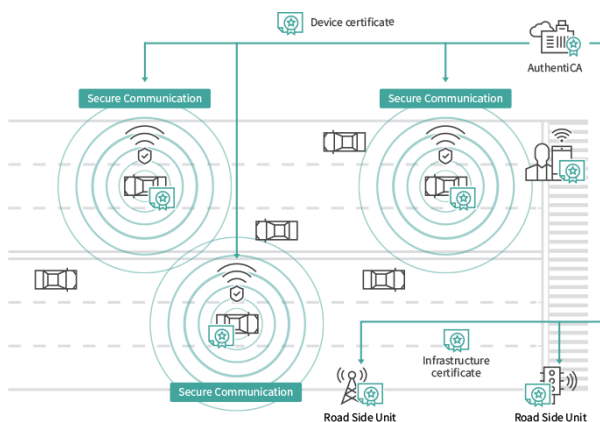# AuthentiCA, Cloud based PKI Service for IoT

AuthentiCA is a cloud-based certificate authority service that allows users to easily issue certificates, manage renewals, and revocations. AuthentiCA, simple certificate issuance and management service, is available for anyone in need.

- Provides certificate management service such as certificate inquiry / verification / revocation.
- Supports certificate renewal function.
- Securely manage the certificate key.

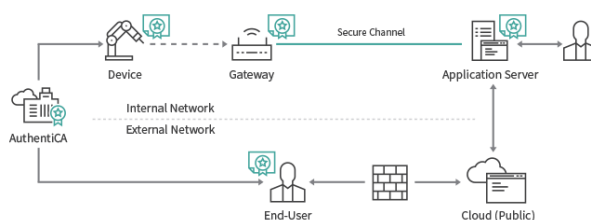## Security for Smart Car, AuthentiCA

AuthentiCA provides IEEE 1609.2 certificates optimized for Smart Car(On-Board Units) and Infrastructure (Road-Side Units).

* Certificates for Electric Vehicle(ISO15118) will be supported on Jan 2018.

Security in IoT environments, AuthentiCA

AuthentiCA provides x.509 certificates optimized for Smart Factory, Smart Energy and Smart Home.

About Penta Security Systems

Founded in 1997, Penta Security Systems Inc. is a leading provider of data security specializing in web security, data encryption, and authentication security. Penta Security's core technologies led to the launch of AutoCrypt® in 2015, marking the company's first product in the IoT landscape. With new IoT solutions for smart factories and smart metering this year, Penta Security is helping companies maximize their IoT business potential by thinking about IoT security prior to making any connections.