CertifyID Universal Registration Authority

Description

The widespread use of public-key cryptography to implement secure digital identity solutions, in form of Digital Certificates, requires a public-key infrastructure to publish and manage those Digital Certificates and the associated Keys. Without an appropriate Certificate Management Solution (CMS), public-key cryptography is only marginally more useful than traditional, secret-key cryptography, being key not only the right choice for technology, but also to be implemented and operated appropriately for the business needs.

WISeKey's CMS, our CertifyID Universal Registration Authority (URA) provides to our customers the tools to efficiently manage Digital Certificates.

The CertifyID URA is an enterprise-grade CMS that can cover the most exigent needs to manage and deploy digital certificates for Persons, Application and Objects (IoT).

Features & benefits

The CertifyID URA provides:

- Multi-Tenant: access can be segregated for customers/departments in multiple levels
- Multi-CA: several CAs managed from a single instance of the URA. Currently the URA supports Microsoft CA and PrimeKey's EJBCA (Community and Enterprise Editions), allowing the transparent use of mixed platforms
- Multi-Template: unlimited certificate types can be defined and used from the URA. The URA Administrator can manage the certificate templates without having to manipulate the CA servers
- Multi-Language, currently supporting English, French, German and Spanish
- User access portal. Certificate Subscribers can connect to the URA to manage their certificates (request new certificates, renewals, revocations…)
- Access rights fully configurable via the concept of "User Roles". Each role can have granular permission control and can be linked to a particular set of Certificate Templates
- All communications with the CAs are web-services based, thus the URA can be easily and securely deployed in a DMZ
- WS and RESTful API available, no additional license required

WISeKey provides optionally consultancy and development services, enabling easy integration of the certificate management with the business processes.
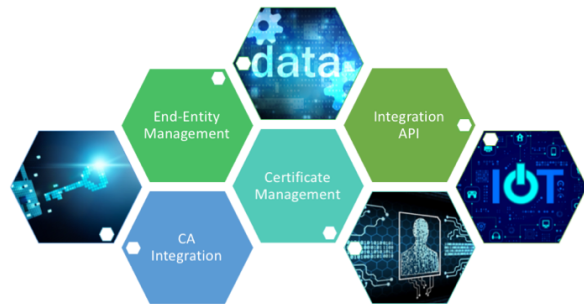
Why WISeKey PKI technology is different?

WISeKey is a leading eSecurity company, with 20 years of experience in information security and trusted digital identities. Acting as both a PKI technology supplier and a Trusted Certification Authority, delivering services using our own technology ensures that our products are up-to-date with the modern customer needs and regulations for PKI.

All Certificates aren't equal… Choosing WISeKey is the wise choice

PKI As A Service

Corporate customers not willing to implement their own PKI platform can also benefit of our trusted "PKI As A Service" (Managed PKI) services offering. This service is built with our URA and enables:

- Multiple Certificate Templates
- Multi-Tenant access, isolating the data of each customer
- Possibility to deploy dedicated CAs for the customer, or use WISeKey's Trusted CAs
- Possibility to deploy a fully dedicated and isolated infrastructure, not sharing any resource with other customers

Our MPKI service doesn't require the installation of any local infrastructure, and it's delivered from WISeKey's owned secure datacenter in Switzerland, ensuring the privacy of your data according to the highest standards.

For more information:
wisekey.com
sales@wisekey.com