



WiSeKey Trust Services

CertifyID SSL Certificates

Description

SSL Certificates are used to enhance the security over the IP networks (Internet and Intranet) implementing the SSL/TLS protocols, authenticating the servers or devices and encrypting its communications, using Public Key cryptography and digital signatures. When accessing an SSL-Protected Server the users will know that they are connecting to a genuine server, owned by the company providing the service, and that the data transferred between them and the server is confidential.

The main usages of SSL certificates are:

- Web Servers, to provide an HTTPS service, necessary when personal or confidential data is used on web pages
- Communication Servers, as Unified Communication Servers, VPN or other systems needing to encrypt and authenticate the connections

WiSeKey Offering

WiSeKey provides CertifyID SSL Certificates issued by our worldwide-recognized Certification Authorities. CertifyID SSL Certificates provided by WiSeKey are automatically trusted by all major Browsers and Operating Systems (both desktop and mobile).

WiSeKey provides currently three products to cover SSL Certificate needs:

- Standard **Domain-Validation (DV) SSL Certificates**. A DV SSL Certificate protects a server identified under a specific domain name (i.e. <https://www.domain.com>), ensuring the authenticity of the domain name
- Advanced **Organization Validation (OV) SSL Certificates**. OV certificates, in addition to domain validation, also ensures the name of the organization owning the server
- High-Assurance **Extended Validation (EV) SSL Certificates**, provide additional verifications on the organization, according to the highest levels of security required by the browsers, which will display a distinctive mark (e.g. a "Green Bar") to provide more assurance to the user that he's connecting to a genuine web server

Features & benefits

- Multiple Subject Alternative Names (SAN), allowing a single certificate to be used to protect multiple domain names and servers. This is a key feature for Unified Communication servers, as Microsoft Exchange, among others
- Wildcard SSL Certificates, convenient when to protect a Web server offering several subdomains or virtual servers in the same internet domain, without requiring the customer to purchase separate SSL Certificates for each URL
- Flexible cryptography, offering a range of options from the most widely adopted RSA to high security Elliptic Curves algorithms
- 1,000,000 CHF global assurance
- Recognized by 99% of internet browsers



Why WiSeKey SSL are different?

WiSeKey is a leading eSecurity company, with 20 years of experience in information security and trusted digital identities. Our strategic location in Switzerland and partnership with OISTE foundation set us apart from other digital security providers, in that we can offer geopolitical neutrality. Our certificates are trusted globally by a wide range of customers, governments, business, and individual website hosts, who continue to operate in safe and secure environment thanks to WiSeKey's digital security solutions. WiSeKey's portfolio offers globally trusted SSL certificates with the highest assurance and warranties, at a really competitive price.

All SSL Certificates aren't equal... Choosing WiSeKey is the wise choice

CertifyID Managed PKI for SSL Certificates

Corporate customers managing a number of servers can enable the issuance of SSL Certificates through our Managed PKI service, that enables:

- Simple Web Interface to issue, renew and revoke SSL certificates
- REST API to automate the certificate management in large deployments or IoT projects

Our MPKI service for SSL 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.

WiSeKey is a Certification Authority fully compliant with the Webtrust requirements for SSL and SSL EV certificates



Web hosting and ISP customers can also benefit of our Reseller Program to offer SSL certificates to their customers.