



**PROTECT YOUR ENTERPRISE AGAINST CYBERCRIME**

- **Digital Signing** - Establish non-repudiation, enhanced auditability, improved processing and paper reduction when replacing traditional "wet-ink" signing with digital signing.
- **Secure Email** - Protect email communications by utilizing digital certificates to ensure the integrity of the emailed messages and to encrypt email contents.
- **Two-Factor Authentication** - Control access to websites or applications by implementing two-factor authentication via digital certificates.
- **Seamless Integration** - Realize immediate results by using common products from Microsoft®, Apple®, Mozilla® and Adobe® that are HID IdenTrust certificate-enabled.
- **Flexible Deployment** - Tailor your solution to suit your business needs by leveraging certificate lifecycle management and process integration tools.

**HID IdenTrust Enterprise Solutions:**

- Allows your enterprise to reap the benefits of using identity-based certificates without deploying a complex and expensive infrastructure.
- Helps to improve core business processes through use of strong two-factor authentication, digital signing, secure email and data encryption.

**Cyberattacks are on the Rise**

*In the virtual world that we live in, it is not a question of IF your enterprise will be targeted by cybercriminals; it is a question of WHEN!*

Cyberattacks dominate today's headlines. Every day large corporations are attacked and many of those attacks are successful. If you are a thriving business, you can be certain that you are on the radar of groups with nefarious intentions who possess the technology and expertise to carry out their objectives.

**HID IdenTrust® Enterprise Solutions**

HID IdenTrust solutions protect you from cyberattacks by helping to secure applications and networks. In addition, the use of digital certificates can streamline electronic workflows while providing online fraud protection and fulfilling regulatory compliance. HID IdenTrust does all of this through the use of a single digital identity that can authenticate, encrypt and create electronic signatures for every type of transaction or activity where identity is a necessary component. HID IdenTrust uses Public Key Infrastructure (PKI) to issue digital certificates that provide strong two-factor authentication (2FA), encryption and digital signing capability.

HID IdenTrust offerings are geared to assist with these challenges. Certificates can be issued to employees, vendors and customers. Once issued,

the same certificate can be used for multiple purposes such as to digitally sign a contract, authenticate to online applications or to authorize a transaction or document.

HID IdenTrust also offers TLS/SSL digital certificates that secure your domain name and your organization's identity, allowing you and your customers to transact business with complete confidence.

If your enterprise is involved in the emerging new world encompassing the Internet of Things (IoT) and you have a need to secure devices, HID IdenTrust can provide low cost device certificates specifically to support IoT.

HID IdenTrust offers a turn-key solution that allows the individuals associated with your enterprise to obtain certificates directly from HID IdenTrust. In this model, you can simply direct these individuals to our website to apply for a certificate and HID IdenTrust will do the rest!

Alternatively, we can also customize a solution where you determine how little or how much of the certificate lifecycle you would like to manage. This is possible because our solutions are offered in an HID IdenTrust-hosted, Software as a Service (SaaS) model, including tools to manage the entire lifecycle of a certificate; from initial issuance, to certificate expiration and renewal, including the ability to suspend or revoke a certificate.

### USE CASES FOR TRUSTID® CERTIFICATES

- Smart card Windows® logon for logical access to enterprise networks
- Two-factor authentication for web browser-based applications
- Secure Email certificates (S/MIME) to protect and secure electronic communications
- Strong authentication for Virtual Private Network access
- Document signing using standard Adobe® and Microsoft® products
- Transaction signing within web browser-based applications
- Data and document encryption for data at rest and in transit

### HID IDENTRUST® TLS/SSL CERTIFICATES

HID IdenTrust TLS/SSL certificates secure your domain name and your organization's identity, allowing you and your customers to transact with complete confidence. All HID IdenTrust TLS/SSL certificates come with a trusted, visible Seal of Protection. Posting it on your website today will let your customers know their transactions are validated, authentic and protected.

To meet your needs, HID IdenTrust offers various SSL certificates and three different validity periods.

See TLS/SSL specifications provided below.



To provide added flexibility, security and portability, HID IdenTrust offers various options for storing your digital certificate:

- Browsers
- Tokens
- Smart cards

## SPECIFICATIONS

<p><b>HID IdenTrust TLS/SSL Certificates</b></p>	<p><b>Document Signing:</b></p> <ul style="list-style-type: none"> <li>▪ Business</li> <li>▪ Validity: 1, 2 &amp; 3 years</li> </ul> <p><b>Secure Email:</b></p> <ul style="list-style-type: none"> <li>▪ Personal</li> <li>▪ Validity: 1 year</li> </ul> <p><b>Organization Validated (OV) TLS/SSL</b></p> <ul style="list-style-type: none"> <li>▪ Single and Multi-domain</li> <li>▪ Wildcard</li> <li>▪ 1 year validity periods are available</li> </ul> <p><b>Extended Validated (EV) TLS/SSL (in Q4/2018)</b></p> <ul style="list-style-type: none"> <li>▪ Single and multi-domain</li> <li>▪ Wildcard</li> <li>▪ 1 year validity periods are available</li> </ul> <p><b>Self-reliant browser-based management console for enterprise-wide deployments</b></p>
<p><b>Technical Specifications</b></p>	<ul style="list-style-type: none"> <li>▪ X509 v3 digital certificates</li> <li>▪ 2048+ bit key length</li> <li>▪ SHA-256 hashing algorithm</li> <li>▪ Certificate Revocation List (CRL) and Online Certificate Status Protocol (OCSP) validation</li> <li>▪ Certificates natively trusted with Microsoft®, Apple®, Mozilla®, Google®, Oracle® Java and Blackberry® products</li> <li>▪ Annual WebTrust for Certification Authority audit</li> </ul>
<p><b>HID IdenTrust Personal and Business Certificates</b></p>	<p><b>Available features are defined based on the type of certificate and the program under which it is issued.</b></p> <p><b>Available features include:</b></p> <ul style="list-style-type: none"> <li>▪ 1, 2 and 3 year validity periods</li> <li>▪ U.S. Government interoperability</li> <li>▪ Browser, token, smart card and hybrid OTP token cryptomodules</li> </ul>
<p><b>Supported Platforms</b></p>	<ul style="list-style-type: none"> <li>▪ Microsoft® Windows® 7, 8x and 10</li> <li>▪ Apple® iOS</li> <li>▪ Google® Android</li> <li>▪ Additional platforms may be supported based on specific certificate type</li> </ul>



**IdenTrust**  
part of HID Global

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