



HID IdenTrust® TrustID™



PROTECT YOUR EMPLOYEES AND CONTRACTORS AGAINST CYBER ATTACKS WITH A TRUSTED DIGITAL IDENTITY

- **Two-Factor Authentication** - Control access to websites or applications by implementing two-factor authentication via digital certificates.
- **Digital Signing** - Establish non-repudiation, enhanced auditability, improved processing and paper reduction by replacing traditional “wet-ink” signing with digital signing.
- **Secure Email** - Protect email communications by utilizing digital certificates to encrypt the contents and ensure message integrity.
- **Seamless Integration** - Simplify deployment by using common products from Microsoft®, Apple®, Mozilla® and Adobe® that are HID IdenTrust certificate-enabled.
- **Trusted Identity** - Give your users a trusted digital identity that is compatible with most operating systems, applications and browsers.

HID IdenTrust TrustID digital credentials allows your enterprise to reap the benefits of using identity-based certificates without deploying a complex and expensive infrastructure.

HID IdenTrust TrustID helps improve and secure core business processes through use of strong two-factor authentication, digital signing, secure email and data encryption.

Governments and regulated industries organizations need to provide secure credentials to their employees, partners and vendors to protect access to the organization’s facilities, IT systems and cloud applications, but many don’t want the burden of issuing and supporting those credentials themselves, especially when they must be trusted by other organizations.

HID IdenTrust TrustID provides employees and contractors with digital certificates that are trusted by most PC and mobile operating systems, applications and web browsers ensuring that when your employees or contractors do business with other organizations, their digital identity will be automatically recognized.

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 TrustID 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.

HID IdenTrust offers a turn-key solution that allows the individuals associated with your enterprise to obtain trusted certificates directly from our website. For enterprises who have a desire to manage the provisioning themselves, HID offers a service accessible via web browsers that allows your organization to control the entire certificate lifecycle—from issuance to renewal.

Alternatively, HID IdenTrust TrustID can be used with the HID PIV Express™ and HID PIV Enterprise™ solutions, ensuring that your users’ digital identity is protected by a security device (smart card, USB dongle and other form factors) to attain the highest level of assurance.

USE CASES FOR TRUSTID™ DEVICE CERTIFICATES

- Smart card Windows® logon to 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
- Secure transaction signing within web browser- based applications
- Data and document encryption for data at rest and in transit
- PC Boot protection
- Secure Printing



SPECIFICATIONS

HID HID IdenTrust TrustID TLS/SSL Certificates	Domain Validated (DV) TLS/SSL <ul style="list-style-type: none"> ▪ Single domain ▪ 1 and 2 year validity periods are available
	Organization Validated (OV) TLS/SSL <ul style="list-style-type: none"> ▪ Single and Multi-domain ▪ Wildcard ▪ 1 and 2 year validity periods are available
	Extended Validated (EV) TLS/SSL (coming in 2017) <ul style="list-style-type: none"> ▪ Single and multi-domain ▪ Wildcard ▪ 1 and 2 year validity periods are available
	Self-reliant browser-based management console for enterprise-wide deployments
HID HID IdenTrust TrustID Personal, Business and Enterprise Certificates	Available features are defined based on the type of certificate, including: <ul style="list-style-type: none"> ▪ 1, 2 and 3 year validity periods ▪ Browser, token, or smart card storage of certificates
Technical Specifications	<ul style="list-style-type: none"> ▪ X509 v3 digital certificates ▪ 2048+ bit key length ▪ SHA-256 hashing algorithm ▪ Certificate Revocation List (CRL) and Online Certificate Status Protocol (OCSP) validation ▪ Certificates natively trusted with Microsoft®, Apple®, Mozilla®, Google®, Oracle® Java and Blackberry® products ▪ Annual WebTrust for Certification Authority audit
Supported Platforms	<ul style="list-style-type: none"> ▪ Microsoft® Windows® 7, 8.x and 10 ▪ Apple® iOS ▪ Google® Android ▪ Additional platforms may be supported based on specific certificate type
Compatibility with Other HID Global Software products	<ul style="list-style-type: none"> ▪ ActivID® Credential Management System ▪ ActivID ActivClient® ▪ Quantum Secure® SAFE® ▪ ActivID Appliance ▪ HID Crescendo® smart cards ▪ HID PIV IDMS™



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