

Enterprise Access Solution



Enterprise Universal Access

One secure credential for logical, physical, local and remote access





ActivID® Credential Management System Appliance

ActivID® Authentication Appliance



Benefits

- Reduces the risk of network breaches with standards-based, proven strong authentication.
- Improves productivity and adoption with the most simplified and convenient user experience.
- Increases ROI with a single, efficient credential management system that simplifies and expedites deployment.
- Protects data on mobile devices with secure digital certificates.
- Leverages proven PKI security, without the complexity.
- Extends strong authentication to all applications with SecureLogin Single Sign-On.
- Makes credential theft virtually impossible.
- Provides a highly integrated, extensible, secure identity solution.

For years, deployment of strong authentication was focused on securing the perimeter of an organization's network. But that strategy is no longer effective. New classes of attacks, leveraging zero-day vulnerabilities and social engineering, are sidestepping those perimeter defenses. As a result, organizations need to implement strong authentication inside their internal network to protect customer data, intellectual property and mission critical networks.

Securing Identities is Becoming More Complicated

As cyber attacks become more prevalent and sophisticated, legacy authentication systems have become less effective. Recent studies have shown almost half of all network breaches are due to stolen or weak credentials. Additionally, using one-time password (OTP) authentication to only protect the perimeter of the organization isn't an adequate defense against Advanced Persistent Threats (APTs). These attacks have highlighted the need to also secure an organization's internal network.

Further complicating the security landscape is the diversity of the user population. Most enterprises serve user groups that encompass a wide range of behaviors, risks and preferences, so a one-size-fits-all approach doesn't work. What enterprises need today are strong two-factor authentication solutions that are versatile enough to secure identities across a wide range of scenarios.

Enterprise Universal Access is the Answer

Only HID Global, the trusted leader in secure identity solutions, has the technology expertise to offer a complete Identity Assurance solution, from the reader and smart cards to the appliance and authentication software.

HID Global's Identity Assurance solutions enable customers to prove and establish trust in the identities accessing their

network, applications and buildings. In fact, the HID Global Identity Assurance portfolio provides the broadest, most integrated, best-of-breed Identity Assurance solutions available.

Combining a versatile authentication infrastructure with full-featured credential management and easy-to-use smart cards, tokens and OTP devices, HID Global offers secure, versatile and cost-effective solutions. One strong credential can provide universal access to workstations, networks, applications, smartphones, electronic doors, encrypted emails and data. The simplicity and convenience of one credential enhances security by increasing user adoption and adherence to policy. Plus, eliminating redundant credentials reduces the cost of deploying, managing, replacing and supporting excess credentials.

Interoperability Offers Enterprises the Flexibility to Meet Unique Needs

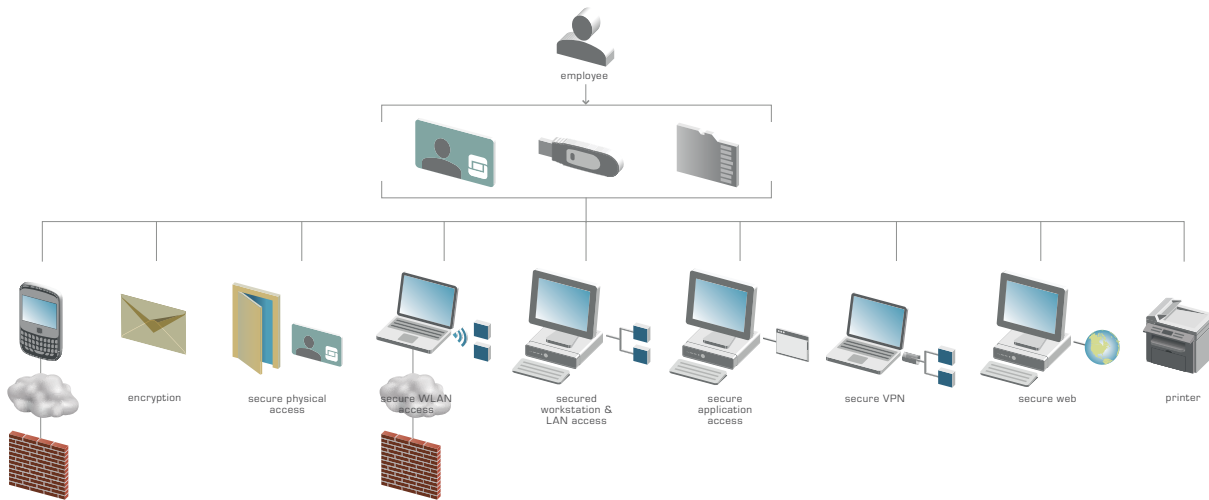
The broad HID Global Identity Assurance portfolio enables enterprises to pick and choose the solutions they need to meet their unique needs. With HID Global, customers can quickly and easily deploy a solution that will enable them to issue and manage users' credentials for secure access to PCs, Windows® Login, cloud applications, remote access and building facilities.

With such a wide range of solutions, Identity Assurance products can be combined to cover the broadest business needs.

Key components include:

- **HID Global's ActivID® Credential Management System (CMS) Appliance** - manages credentials throughout their lifecycle, simplifying the deployment of credentials and enabling enterprises to update users' access, in real-time, without additional costs or resources.

Enterprise Universal Access Solution Overview



- **HID Global's ActivClient®** - uses smart cards or smart USB tokens to secure access to workstations with the industry's top middleware.
- **HID Global's SecureLogin Single Sign-On** - provides a secure, automated method for users to access multiple applications with a single login credential. The solution scales from hundreds to more than 100,000 users, helping enterprises enforce strong security policies for their individual applications, while enabling simple and transparent user access.
- **HID Global's ActivID® Authentication Appliance** - leverages versatile authentication methods to make access to virtual private networks (VPNs), Terminal services, public and private clouds easier, more manageable and affordable. The solution can be purchased as software or in an appliance form factor.
- **Hard and Soft Tokens** - delivers OTPs that enable users to quickly and securely access the resources they need. The hardware tokens last two to three times longer than those of legacy providers, which can cut OTP token replacement costs in half.

HID Global's Identity Assurance solutions also offer several ways to leverage existing Physical Access Control solutions with a single smart card, reducing costs, increasing user convenience and extending adherence to security policies.

Solutions Secure All Aspects of the Enterprise

Securing Local PC Access: Increasing amounts of proprietary data are found on laptops and desktop PCs. Sensitive information must be protected. Smart cards and smart tokens offer the only proven,

secure and convenient method for user authentication. They can help contain APTs by preventing the spread of the infection, since smart cards help remove weak network passwords as an attack vector.

Securing Remote Access to Networks: Stolen credentials are responsible for a large portion of network breaches. Cyber theft, keystroke logging, brute force or "Dictionary" attacks also exploit weak credentials. Strong authentication is very effective in inhibiting all of these attacks.

Securing Data in Motion: Sniffers on the wire can steal large amounts of sensitive data in motion. Consider how many sensitive emails an organization sends. Smart cards can use digital certificates to digitally sign and encrypt emails, so they are opaque to all but their intended recipients. Smart cards can also be used to automatically encrypt data on hard drives.

Securing Access to Applications: Most organizations have dozens or even hundreds of applications and too many passwords. Users often use the same credential for corporate and personal applications. All it takes is one breach and critical corporate applications and data are compromised. Strong authentication, combined with HID Global's SecureLogin Single Sign-On, can simplify access for authorized users, while ensuring superior security for all applications.

Ensuring Regulatory Compliance: Many regulatory standards now explicitly require strong authentication, such as PCI-DSS, while others strongly suggest it. Given that almost half of all enterprise network breaches stem from stolen passwords, two-factor authentication is the most cost-effective method of mitigating risk and addressing compliance.

Ensuring Trust Across The Supply Chain: Many organizations rely upon partners,

Why HID Global's Identity Assurance Solutions?

HID Global, a leading provider of secure identity solutions, enables organizations to establish trust in their users' identities throughout their environment. HID Global helps enterprise, government and financial service organizations meet their information security and compliance requirements. That's why more than 2,500 of the most security conscious customers around the globe trust HID Global for their secure identity needs. HID Global is committed to continually enhancing customer value through secure identity solutions that drive down costs and are easy to use to increase end-user and administrative convenience.

contractors, consultants and vendors daily. A range of broad authentication tools can be used to efficiently increase assurance, including geography-based, machine-based, knowledge-based and soft token-based identity assurance enhancements, as needed.

Securing Emerging Exposure Points: Both laptops and smartphones have proliferated over the last several years. Smartphones contain increasing amounts of sensitive data and have less mature security practices in place. Emerging soft token and smart-card-chip-on-a-microSD technologies, and innovative middleware, are making it possible to secure smartphones as completely as laptops.



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