

HID[®] ActivOne[™] for Large Enterprises



HID GLOBAL ACTIVONE ENABLES LARGE ENTERPRISES TO MEET THEIR GROWING CYBERSECURITY REQUIREMENTS AND COMPLY WITH EVOLVING GLOBAL PRIVACY LAWS

Large Enterprises Stepping Up to Meet Cybersecurity Challenges

Cybersecurity is an unavoidable topic for large enterprises today. Businesses face a myriad of local, state and federal consumer privacy laws like the Health Insurance Portability and Accountability Act (HIPAA), the General Data Protection Regulation (GDPR), and the California Consumer Privacy Act (CCPA). They must also protect highly sensitive data and Personally Identifiable Information (PII).

Security-wise enterprises are addressing the issues of cybersecurity more aggressively. In addition to ensuring customer confidence, companies are stepping forward to raise the bar for security through end-to-end identity lifecycle management and advanced multifactor authentication.

Solutions:

- HID ActivOne solution
- Crescendo[®] ID smart badges

The Challenge

The cybersecurity threat landscape continues to rapidly evolve, and the costs from data breaches continue to rise. According to the Cisco 2018 Cybersecurity Report, 53% of enterprise cyberattacks result in damages of \$500,000 or more.

No company is immune from these threats. A common refrain among security professionals asserts, “There are two kinds of companies in the world — those that know they’ve been hacked, and those that have been hacked and don’t yet know it.” Some may also add, “and those that expect to be hacked soon.”

Threats of terrorism brought a new dimension to cybersecurity in the United States following the events of 9/11, and this encouraged many enterprises to enhance their security systems and prevent unauthorized access to systems, data and PII. However, U.S. intelligence agencies have noted the increasing number and sophistication of cyber threats.

Today, the digital cyberattacks targeting information technology are becoming increasingly diverse and sophisticated, as they seek to:

- Cause disruptions
- Obtain access to email and sensitive information
- Exfiltrate data for political reasons
- Exploit information for financial gain

In the face of cyber threats, employees still need freedom of access to IT systems. Putting one more barrier in front of them could pose a huge problem. The goal for enterprises is to provide ease of access and, at the same time, an increased level of security.

Generally speaking, businesses are expected to implement reasonable security measures that are sufficient to reduce risk and vulnerabilities while ensuring the confidentiality, integrity and availability of protected information.



The Solution

Today enterprises employ cyber rules based on a risk management approach to cybersecurity. This approach, which is also the basis for the National Institute of Standards and Technology (NIST) cybersecurity framework, is widely regarded as a best practice approach to cybersecurity.

The NIST Cybersecurity Framework recommends utilization of multifactor and risk-based authentication as well as developing risk-based controls to prevent unauthorized use or access to PII and other sensitive data. HID's ActivOne end-to-end identity lifecycle management and advanced multifactor authentication helps fulfill these requirements.

Many large enterprises are already using HID physical access control products; therefore, standardizing on the HID ActivOne solution for multi-factor authentication and identity credential management, using FIPS-certified Crescendo ID smart badges, is a natural fit. The solution is convenient for users, improves security and adds support for compliance with regulations such as the National Association of Insurance Commissioners (NAIC) Insurance Data Security Law, the New York Cybersecurity Regulation, HIPAA and Gramm-Leach-Bliley Act.

The Benefits

Using HID's ActivOne for identity lifecycle management and advanced multi-factor authentication, enterprise organizations are able to equip their employees with smart ID cards and/or virtual credentials on their phones that can be used for the following:

- Logical access to the corporate network and workstations
- Physical access into buildings/rooms and cabinets
- Single sign-on (SSO) to on premise and cloud-based applications
- Digital signatures and encryption for email
- Derived credentials
- Certificate-based authentication
- Electronic prescriptions of controlled substances (specifically for clinicians in hospital and clinic settings)

These capabilities deliver a variety of benefits including:

- Higher security and cost savings
- Compliance with HIPAA, GDPR, CCPA and other privacy regulations and laws
- Convenience and peace of mind for businesses and their customers

Organizations need to provide simple and appropriate choices to their employees for strong authentication that protects access to networks, cloud applications, on-premise applications and desktops/laptops. HID ActivOne delivers this functionality and provides a solution that increases security and improves user productivity.



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