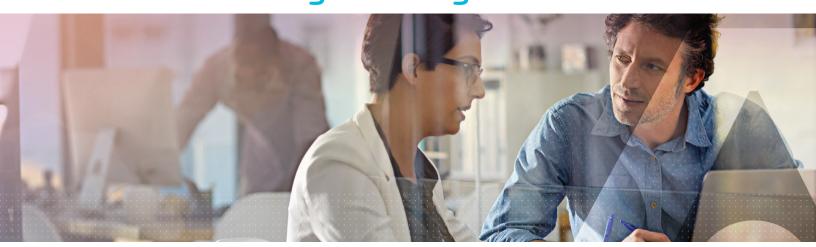**THALES**

Thales Converged Badge Solutions

Challenges to secure office environments

In today's ever increasing digital world, protecting critical data and ensuring the identity of those accessing data is essential. The standard measures once thought to be strong enough are simply insufficient when compared to the sophistication and persistence of today's cyber criminals. While usernames and passwords have been the security standard for many years, the number of high profile breaches hitting the news recently have exposed this as a weak technology for securing access. Many organizations still depend on weak static passwords. These practices often result in fragmented security systems, increased risk of network intrusion and data breaches and finally, additional IT resources and excessive costs for password support.

Adding Thales's SafeNet certificate-based authentication (CBA) smart card solution as an integral part of IT infrastructure, significantly improves client logon security by requiring multi-factor authentication. Adding multiple factors ensure secure login to workstations and enterprise networks, eliminates complex and costly passwords and significantly reduces help desk calls. Furthermore, the certificate-based solution is fully integrated in a Windows environment when using applications from Microsoft such as Office 2013/2016. Finally, the smart card enables easy and reliable visual identification of the card holder and strong communication around corporate identity.

Putting it all together

Along with permission needed to access logical access, many organizations have the need to protect physical locations, including doors, parking facilities and secure zones. Adding a converged badge solution has clear benefits for the office user who only needs to carry one credential and remember a single PIN code or a short password to use in conjunction with their badge. This is much more convenient than trying to keep track of multiple, long complex passwords associated with a typical user name and password security protocol.

A badging solution also makes it possible for enterprise IT to easily deploy other user sensitive applications such as a single sign on (SSO), remote access, and document security (digital signature and encryption). In addition, not all users have the same level of permitted access.

Reduce costs and improve return on investment

Costs of badge deployment and fleet management are significantly reduced thanks to the convergence of logical (LAC) and physical (PAC) access. Additionally we provide a LAC solution that can be integrated into PAC or a solution that can be managed separately from the PAC. Just choose the solutions that best fit your needs for each, keeping in mind that you will be able to change one without changing the other.

Because Thales SafeNet Access Management and Authentication solutions can potentially incorporate any existing PAC contactless solution into our cards, we can address a wide range of customer needs and match most of the PACs, whether already installed in existing premises, or to be deployed in disparate locations.

With the most advanced of our PAC options featuring multiple contactless technologies in the same product, the customer can easily manage complex applications, smoothly migrate from legacy PAC solutions to up-to-date, highly secure systems, or bring cost-effective and convenient interoperability to multi-site environments.

Privileged Access Users

Privileged users exist in every organization and they hold the keys to much of any company's most private information. Often thought of as senior executives or those in high profile roles, such as finance, HR, etc., privileged users exist elsewhere in the organizations in the form of IT system administrators. The accounts of these users come with permissions to access a multitude of resources across systems, applications and platforms. With a converged badge solution, organizations can easily set up user accounts based on job function and access needs, including the ability to assign fine grained role-based access to privileged accounts.

Related Product Portfolio

Smart Cards

Thales offers an assortment of smart cards with dual physical and logic access, including SafeNet IDPrime contact cards with a wide choice of card body options and contactless technologies and dual interface cards compatible with NFC.

IDPrime MD 831 is a FIPS certified hybrid card with contact interface for logical access and contactless interface for physical access.

The SafeNet IDPrime 941 is the new Common Criteria hybrid card with contact interface for logical access and contactless interface for physical access. IDPrime 941 is Common Criteria certified, eIDAS qualified, including coverage for both eSignature and the eSeal use cases, and is ANSSI qualified for compliancy with the French administration requirements.

Card Management Solutions

Thales partners with third party CMS vendors to offer the most comprehensive identity access and authentication management solutions. These can include other, specialized PKI deployments where integration with the physical access system is required or a complete PIV solution is desired.

- Comprehensive authentication and credential management server for securing local and remote access to many corporate resources using a single authentication back-end
- For enterprise deployments requiring life cycle management, provisioning of certificates and tokens for PKI-based strong authentication and digital signing

Middleware

Thales's SafeNet Authentication Client enables strong authentication operations and the implementation of certificate-based applications such as digital signing, network logon and password management.

- Full management solution, providing full local admin and support for advanced card and token management, events and deployment.
- Allows organizations to use PKI-enabled security capabilities from any client or server thanks to multi- platform support for Windows, Linux, and Mac.

Thales's all-in-one badge solutions offer high security, while improving your bottom line. PKI is about streamlining processes, developing paperless environments, and reducing help desk costs. PKI is about creating an end-to- end secure, trusted environment.

About Thales's SafeNet Access Management and Authentication Solutions

Thales's industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policy-based SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.