



SOLUTION BRIEF

Gemalto Converged Badge Solutions

Secure access to IT resources in enterprise environment with Gemalto credentialing management system and smart cards

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 Gemalto'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 helpdesk calls. Furthermore, certificate-based solution is fully integrated in Windows environment when using applications from Microsoft such as Office 2013. 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 Gemalto 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.

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 inter-operability 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

Gemalto's offers an assortment of smart cards with dual physical and logic access, including 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 contact and contactless smart card for physical and logical access.
- > IDPrime MD 841 is a Common Criteria certified contact and contactless smart card for physical and logical access. This smart card meets specific requirements for eIDAS, the European digital signature regulation.
- > IDPrime 3811 is a dual interface smart card with NFC and physical access controls, compliant with both ISO 14443 & NFC.
- > IDPrime 3841 is a dual interface smart card with NFC and physical access controls, compliant with both ISO 14443 & NFC. This smart card is also Common Criteria certified to meet specific requirements for eIDAS, the European digital signature regulation.

Card Management

SafeNet Authentication Manager offers the most comprehensive identity access and authentication management systems to administer, monitor, and manage strong authentication deployments and digital signing across the organization.

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

Gemalto integrates with leading 3rd party CMS providers to manage other, specialized PKI deployments where integration with the physical access system is required or a complete PIV solution is desired.

Middleware

Gemalto 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.

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

About Gemalto's SafeNet Identity and Data Protection Solutions

Gemalto's portfolio of SafeNet Identity and Data Protection solutions enables enterprises, financial institutions and governments to protect data, digital identities, payments and transactions—from the edge to the core. Our solutions take a data-centric approach to security with innovative encryption methods, best-in-class crypto management, and strong authentication and identity management to help customers protect what matters, where it matters.

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