

"The token can be used in any system with a USB port.

Since there is no need for an extra Smartcard reader, there is less inconvenience with cables and extra hardware.

The extra security is of particular benefit to mobile users with laptops and alternating offices."

Oliver Jaeckel,
Team Leader Infrastructure Security
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BASF

BASF Customers Embrace the Power of USB-Based Smartcard Authentication

ALADDIN'S eTOKEN SERVES AS MOBILE DIGITAL IDENTITY ORGANIZER FOR HUNDREDS OF BASF IT SERVICES CUSTOMERS

With an ever-growing number of passwords, certificates and licenses, customers of BASF IT Services repeatedly cited the limitations of storing their digital credentials on specific workstations. In large organizations, customers need to access their accounts from wherever business might take them – down the hallway, in the next building or even in overseas offices. In many cases, these digital signatures serve as the keys to the organization's information infrastructure, creating an obvious need for secure, external storage of credentials.

Serving the process industry, BASF IT Services consistently prioritize security in all projects, including managed infrastructure services and business process outsourcing. However, they recognized the need to balance security of credentials with the need to provide customers with convenience and much-needed mobility.

eToken: Seamless PKI Integration While Providing Portable Authentication

BASF is replacing customers' old authentication solutions with Aladdin's portable eToken device, seamlessly integrating into existing PKI infrastructures. eToken provides portable, two-factor authentication (a token and the token's PIN), allowing the user to have their credentials on hand, inside the token, at all times. Now BASF customers have the freedom to choose where and how they conduct their business.

Aladdin's eToken – in the form of a USB smartcard – is being merged with the existing PGP cryptographic solution. PGP-compatible, eToken allows for simple key generation and is fully integrated into the PGP user interface. Since the private key cannot leave the eToken, customers enjoy greater security as well as credentials that are certified as ITSEC E4 high. This replacement of weak user names and passwords greatly reduces customers' risk of a security breach during signature and encryption processes.

VPN Security Greatly Enhanced With Deployment of eToken

eToken also provides BASF customers with strong VPN security through X.509 certificates against both open source and OPSEC certified firewalls. eToken is plugged into the customer's machine and a secret PIN is entered presenting the

Benefits:

Seamless Integration

No changes are necessary to existing BASF PKI infrastructures

Portability

User credentials are kept on hand inside the eToken and BASF customers can access their accounts from wherever they might be

Strong VPN Security

x509 certificate PIN ensures that gateway does not grant the wrong person access to secured services

Two-Factor Authentication

Authorized access requires both the eToken and the eToken PIN

X.509 certificate. Without this PIN that reveals the certificate, the gateway does not grant access to the secured services. This solution for two-factor-authentication and strong encryption replaced the obsolete systems of usernames and passwords, while still providing unmatched convenience to the customer.

BASF IT Services: Using IT to Boost Process Efficiency

BASF IT Services, a BASF Group company, is among the leading IT service providers for the process industry. It has more than 2,300 employees and recorded an annual turnover of £450 million in 2002. The company's key strengths are the provision of successful IT solutions for the process industry, managed infrastructure services and business process outsourcing. This expertise is based on years of experience in providing solutions to the world's leading chemical company, BASF. Today, BASF IT Services operates one of the world's largest networks and approximately 1,000 servers for some 50,000 users in more than 250 European locations. The company is committed to standardizing and developing customer-orientated, tailor-made solutions. More information about BASF IT Services can be found at: www.basf-it-services.com

About Aladdin's eToken

Aladdin (Nasdaq: ALDN) is a leader in digital security, providing more than 30,000 customers with solutions for software commerce and Internet security since 1985. eToken, Aladdin's USB device about the size of a normal house key, is the ultimate device for securing networks and e-Business platforms. It offers a fully portable and cost-effective means to authenticate users and to digitally sign sensitive business transactions. Utilizing state-of-the-art technology, eToken offers advanced Smartcard functionality with a robust onboard cryptographic processor such as 1024-bit RSA, 3xDES and SHA1 algorithms.



For more info: eAladdin.com/eToken

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