



ENTRUST

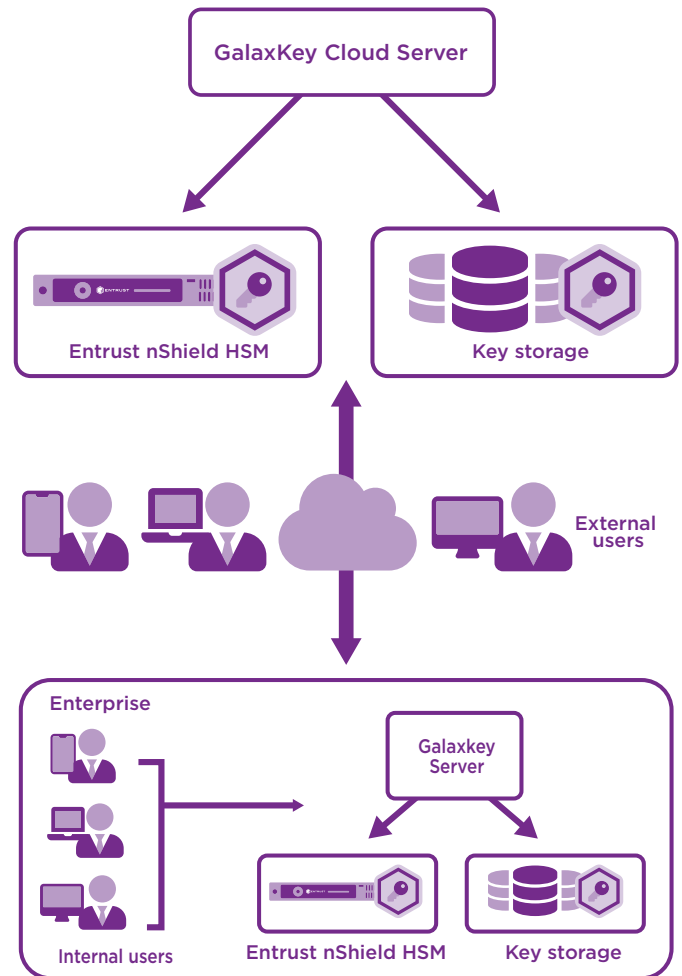
Galaxkey and Entrust protect confidentiality and integrity of corporate enterprise data



Robust and easy to use e-mail and file encryption with strong hardware-based key management

HIGHLIGHTS

- Send and store data securely on existing infrastructures
- Deliver easy to use encryption platform for business users
- Automate creation and secure storage of encryption keys
- Enable fast and flexible deployment options
- Facilitate compliance with regulatory requirements



Entrust nShield Connect HSMs safeguards and manages the master keys used to lock down the Galaxkey Server and Galaxkey Cloud Server key storage.

[LEARN MORE AT ENTRUST.COM/HSM](https://www.entrust.com/HSM)



Protecting the confidentiality and integrity of corporate enterprise data

The problem: enterprise e-mail and file sharing applications have become default forms of communication in the workplace, yet their security has often been neglected

Organizations continuously exchange e-mails and files that often contain commercially, and even nationally sensitive information. Securing the confidentiality and integrity of the data contained within this traffic continues to be a problem. Knowing when data is leaked, or if malicious code is parsed is important, but so is the rising concern over the data itself, and how it could be used if it were to fall into wrong hands.

The challenge: enforcing the security of sensitive data in a more virtual and distributed environment

As more e-mail and file sharing applications are hosted in virtual, cloud-based, and hybrid platforms, protecting the confidentiality and integrity of the enterprise data can be difficult. Encryption solutions often require specialized knowledge and configuration, which cause operational barriers to security practices.

Galaxkey and Entrust protect confidentiality and integrity of corporate enterprise data

The solution: strong data protection with convenient and secure key storage and management

Galaxkey Server and Galaxkey Cloud Server are an easy to use enterprise encryption platforms that enable organizations and individuals to encode and control access to their e-mails and files. The platforms enable users to continue to utilize their existing methods of communication and storage, while ensuring their data remains secure. Galaxkey applies an encryption and access control layers to enterprise data, ensuring that if it ever falls into the wrong hands, its confidentiality and integrity is maintained. The platforms' architecture enables organizations to store and control their own encryption keys that protects sensitive data. Being able to show that the customer is ultimately in control of encryption keys facilitates security and regulatory compliance.

Galaxkey Server and Galaxkey Cloud Server integrate with the Entrust nShield® Connect hardware security modules (HSMs) to protect critical master keys. nShield Connect HSMs safeguards keys from compromise by securely storing them within a secure FIPS 140-2 Level 3 and Common Criterial EAL4+ certified boundary.



Protecting the confidentiality and integrity of corporate enterprise data

Why use Entrust nShield Connect HSMs with Galaxkey Server and Galaxkey Cloud Server?

Cryptographic keys underpin the security of an encryption system. Keys handled outside the security boundary of a certified HSM are significantly more vulnerable to attack, which can lead to compromise. HSMs are the only proven and auditable way to secure valuable cryptographic material. With more enterprise services being hosted from virtual and cloud-based environments, ensuring that corporate information does not leave the extended enterprise infrastructure becomes a challenging endeavor. Entrust nShield Connect safeguards and manages the keys used by the Galaxkey Server and Galaxkey Cloud Server right from the customers' own premises, providing the control and the root of trust required to ensure the security of the entire system.

Using Entrust nShield Connect HSMs, Galaxkey can leverage strong hardware based key management to protect the encryption process, and combine it with an easy to use platform for e-mail and file encryption, they lower resource overheads and overall costs.

Entrust HSMs

Entrust nShield HSMs are among the highest-performing, most secure and easy-to-integrate HSM solutions available, facilitating regulatory compliance and delivering the highest levels of data and application security for enterprise, financial and government organizations. Our unique Security World key management architecture provides strong, granular controls over access and usage of keys.

Galaxkey

Galaxkey is leading a change within the encryption market, providing easy to use, secure methods of sending and storing e-mails and files. Galaxkey solutions:

- Allow secure sharing and storage of data, inside and outside of the network
- Automate cryptographic processes to make encryption easier to use
- Address B2B and B2C data security needs with the same platform

www.galaxkey.com

Learn more

To find out more about Entrust nShield HSMs visit entrust.com/HSM. To learn more about Entrust's digital security solutions for identities, access, communications and data visit entrust.com

To find out more about
Entrust nShield HSMs

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ABOUT ENTRUST CORPORATION

Entrust keeps the world moving safely by enabling trusted identities, payments and data protection. Today more than ever, people demand seamless, secure experiences, whether they're crossing borders, making a purchase, accessing e-government services or logging into corporate networks. Entrust offers an unmatched breadth of digital security and credential issuance solutions at the very heart of all these interactions. With more than 2,500 colleagues, a network of global partners, and customers in over 150 countries, it's no wonder the world's most entrusted organizations trust us.

Learn more at
entrust.com/HSM



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