PRODUCTS & SERVICES

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we-know-how®

cyte.com

ABOUT

At **Cyte** we provide solutions to cryptographically protect your company's sensitive information

We have a complete portfolio of services aimed at improving business processes with a fast, secure and easy integration, using one of the most important technologies:

cryptography

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OUR PRODUCTS

QUICK · EASY · SECURE

CRYPTO-VAULT®

FLOW ASSURANCE SOLUTION OF INFORMATION

With Crypto-Vault® and a detailed diagnosis of the infrastructure, we use encryption and digital signature to protect sensitive information from end to end. Thus, we are committed to guarantee the confidentiality and integrity of the data that must be shared internally or with third parties, in order to prevent fraud, alteration, or other security risks.

CRYPTO-VAULT ULTRA

AUTOMATION OF HIGH INFORMATION FLOWS

When the organization must carry out multiple encryption processes and its administration becomes complex and of great responsibility, we need to centralize it for its control and constantly generate a number of cryptography operations automatically and safely. In such cases, this tool is the appropriate solution.

CRYPTO-VAULT-CLOUD®

ASEGURAMIENTO DE FLUJO DE INFORMACIÓN CLOUD

Crypto-Vault-Cloud® enables the different functionalities of Crypto-Vault® through a REST API, which can be invoked for encryption, digital signatures, and key management. This REST API can be consumed from any programming language, in case automated processes are desired, or it can be consumed through a web graphical interface that comes with the product.

TOKENIZER®

PCI COMPLIANCE AND ASSURANCE OF SENSITIVE DATA

With Tokenizer® we protect sensitive information when it is stored in database fields, to prevent fraud, theft or modification, and thus guaranteeing the confidentiality and integrity of it. This is achieved through format preserving encryption, which makes it easy to apply cryptography to sensitive fields without the need of modifying the database structure, since it preserves the format of the data.

NOTYFIND®

AVOID THE EXPIRATION
OF DIGITAL CERTIFICATES

Notyfind prevents the expiration of digital certificates through timely alerts that remind them of their expiration and thus guarantees the centralization, control and continuity of the platform's operation.

WEB·ARMOR®

DOUBLE LAYER OF SECURITY FOR
THE INFORMATION TRANSIT

Web Armor provides an additional and stronger layer of encryption to TLS. This enables security in depth for any kind of Web traffic, preventing vulnerabilities and mitigating risks inherent in all Web environments.

PASSGUARD®

MANAGEMENT AND CENTRALIZATION OF
SERVICE PASSWORDS AND CRYPTOGRAPHIC
KEYS AT THE CORPORATE LEVEL

- Centralization and management of passwords, secret keys, private keys, and digital certificates.
- Administration through Web GUI, REST-API.
- Key owners administration.
- Key inventory.
- Integration with cloud HSMs (Azure, AWS, Google Cloud).
- It has configurable interfaces to adapt to any cloud or
- on-premises infrastructure.

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OUR SERVICES

CONSULTANCY · TRAINING
ETHICAL HACKING ·DEVELOPING
OF APPLICATIONS

CONSULTANCY

We focus on performing a risk analysis where we can identify the areas in which it is necessary to reinforce the security processes related to software.

TRAINING

We carry out training in cryptographic engineering, network security configuration and management, security management and secure coding. Our training is primarily intended to teach employees about the potential threats they may face and how they can act to keep data safe. In addition, learning and understanding the importance of security in each of the processes carried out in the organization, giving guidelines to personnel, at the engineering level, to implement ideal solutions.

ETHICAL HACKING

We hack applications that can be web, desktop, or mobile, to find vulnerabilities and fix them. We also do assessments on infrastructure and networks. The vulnerabilities can be found in the development phase or in production.

DEVELOPMENT

OF APPLICATIONS

Our team of software engineers and cryptographers, face the challenges of the market by developing complex applications that incorporate security since their conception, making safe and reliable software.

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