CODE SIGNING SOLUTION – MYCODESIGNER

Maintain software integrity and Build trust between users Secure Authorship, Publication Date and Content

The Business Challenge

In today's fastly expanding digital world the essential thing that every organization seeks for is the trust and assurance on all kinds of data transfer and communications happening online. One of the main worrying things is the authenticity of the author of the applications they are using. MyCodesigner provides a secure and flexible code-signing solution to address the needs.

The Solution

MyCodesigner provides a robust solution to code-signing needs for signing Windows, Linux and Jar application or files with keys stored in a Thales HSM. The solution benefits are

- Protecting the keys by storing in Luna HSM.
- Multi-factor authentication for enhanced security.
- Policies and workflows are defined to secure and streamline your job submission and approval process.
- Smooth systematic integration of existing virus and malware scanner.
- Complete audit logs of all code signing for accountability and forensic insights on code signing activities.
- Developed on an open REST API, allowing for custom integrations and requirements.

Why Luna HSM and MyCodesigner

MyCodesigner application is implemented using the latest client version 'Luna HSM Universal Client 10.1'. The benefit of our application is that, it will work with both on-premises Luna HSM and the cloud-based Luna Cloud HSM.

Our application's customizable code signing policies and approval workflows along with great features of Luna HSM Universal Client 10.1 makes it suitable for all variants of customer of Thales HSMs.

Illustrative graphic
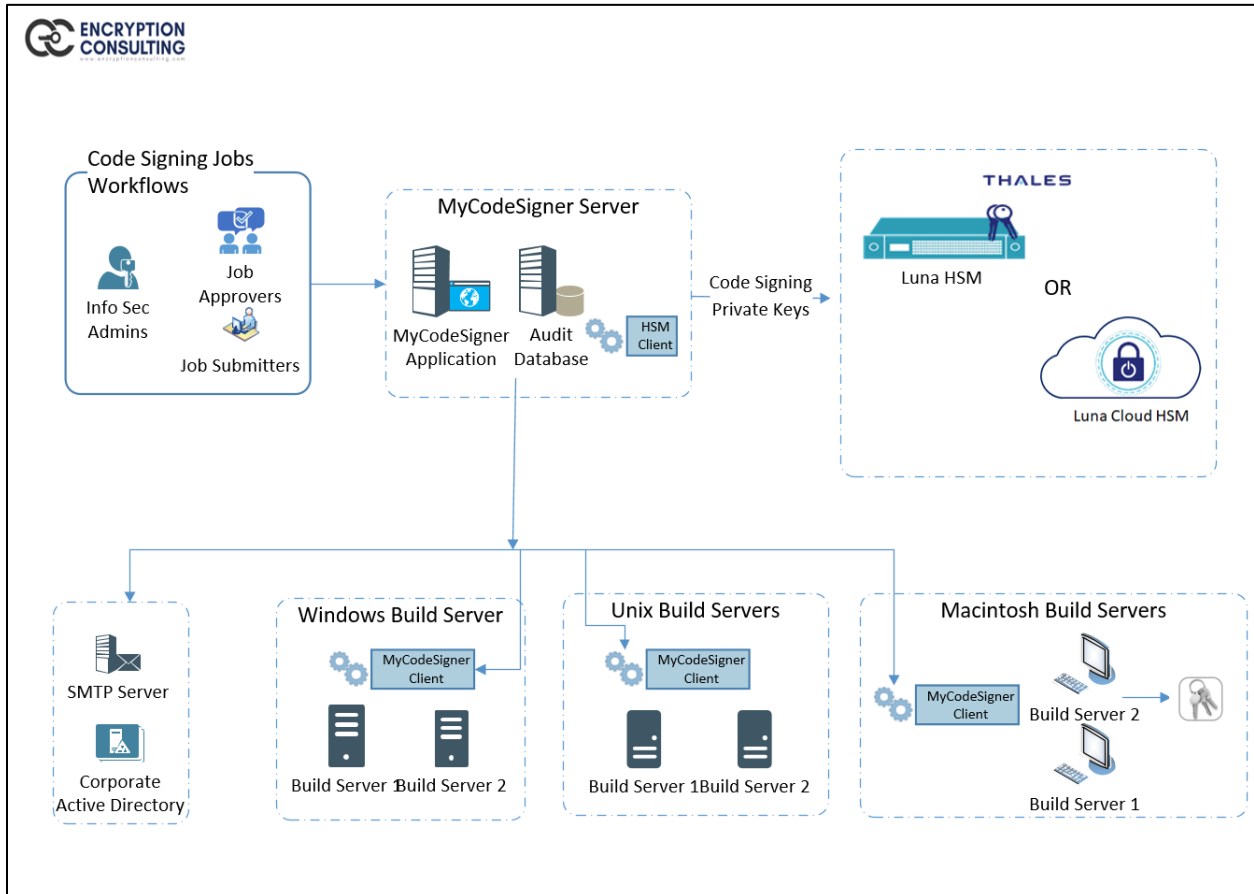
In Summary

MyCodesigner is designed to provide the most secure code signing capabilities and built-in support to customize the associated processes as per the latest security standards. The open architecture framework provides the utmost flexibility to implement at the customer environments without altering their existing build processes, be it traditional SDLC, Agile or DevOps.

Thales offers two solutions that maintain Root-of-Trust private key protection for Encryption Consulting. Thales family of HSMs, either the cloud-based Luna Cloud HSM or on-premises Luna HSM provides companies FIPS 140-2 Level 3 compliance with the option of maintaining root of trust protection and management of encryption keys across cloud-based, hybrid/multi-cloud, on-premises, or a mixture of deployments. This flexibility makes it easier to deploy a solution to address ever-changing compliance mandates and budgetary requirements.

- Luna Cloud HSM is a cloud-based HSM service that offers key management capabilities that can be deployed within minutes with no need for specialized hardware or associated skills. This subscription-based HSM solution offers secure storage of keys in the cloud while maintaining strict access controls so that only the customer has access to their keys.
- Luna HSMs store, protect, and manage sensitive cryptographic keys in a tamper-resistant on-premises HSM, providing high assurance key protection within an organization's own IT infrastructure.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing amount of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.

About Encryption Consulting

Encryption Consulting is a dedicated consulting firm that focuses on providing all the aspects of Encryption such as PKI, Hardware Security Module, Code Signing, Enterprise key management, Transparent Data encryption, Element level format preserving encryption and Tokenization.

At Encryption Consulting, we provide encryption services that help organizations to achieve the triad of Confidentiality, Integrity and Availability.

For more info please visit https://www.encryptionconsulting.com/

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