



**ENTRUST**



# Entrust and Aliaslab Deliver eIDAS Compliant Electronic Signatures

Solution provides strong remote authentication, always secured, everywhere and on every device

## HIGHLIGHTS

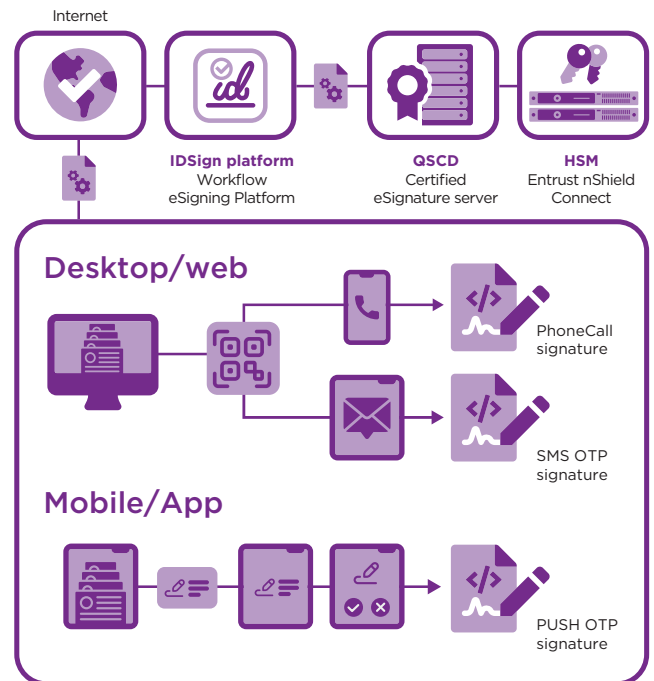
- Enable remote signature and identification of customers
- Ensure high security signature /authentication solution
- Afford electronic signature cross-border /cross-platform
- Guarantee flexibility with white-label /tailor-made solution
- Support high reliability, safety, and operability in any situation

## The Problem:

**Secure integrated solutions do not always allow you to focus on your business**

Unexpected events, work from home, and improvised solutions do not allow companies to optimally manage business processes.

Technology must play a fundamental role in reducing complexities in both everyday life and work, helping individuals and companies to maintain a high level of productivity even without physical presence in the workplace or direct contact with customers.



Entrust nShield Connect HSMs protect the signing key used by the AliasLab IDSign platform to generate qualified electronic signatures and remote authentication.



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



# Entrust and AliasLab Integrated Solution

## The Challenge:

### Providing reliable and high security tailor-made solutions

Electronic identification and digital signatures compliant to the electronic identification, authentication and trust services (eIDAS) regulation, and strong authentication that fulfills the requirements of the Payment Services Directive (PSD2) allow organizations to manage digital solutions securely end-to-end. However, consistently applying these requirements across business applications can be difficult. Comprehensive solutions must easily integrate to existing applications without disrupting established business processes.

## The Solution:

### Remote signature and strong authentication with Entrust nShield HSMs and AliasLab IDSign Platform

AliasLab IDSign electronic signature solution has been offering maximum flexibility and security since 2012. With IDSign you can sign any PDF document with any signing method, and depending on the process you implement and the documents you want

to sign, it can all be in accordance with regulatory requirements.

IDSign platform integrates with Entrust nShield® hardware security modules (HSMs) to enable high security by protecting underpinning signature keys. The combined solution delivers safe, reliable, and business-friendly trust services. AliasLab signature solutions comply with the requirements defined by the European regulation N.910 / 2014 - eIDAS: simple electronic signature, advanced electronic signature, and qualified electronic signature, per the European A-SIT certification as a qualified signature creation device (QSCD).

The integration of IDSign with nShield HSMs allows the creation and management of large numbers of cryptographic keys for signing, enabling secure services and products compliant with EU crossborder standards.

AliasLab IDSign electronic signature and authentication solutions is an ideal fit for a variety of business segments and applications.

Requirements		
Industry	Certified electronic signature	Strong authentication
Financial institutions	<ul style="list-style-type: none"> <li>• Account openings</li> <li>• Insurance policy subscriptions</li> <li>• Banking transactions</li> <li>• Card requests</li> </ul>	<ul style="list-style-type: none"> <li>• Home banking web access</li> <li>• Home insurance web access</li> <li>• Payment authorization</li> </ul>
Government	<ul style="list-style-type: none"> <li>• Procurement documents</li> <li>• Administrative documents</li> </ul>	<ul style="list-style-type: none"> <li>• Voting</li> <li>• Physical office access</li> </ul>
Telco and utilities	<ul style="list-style-type: none"> <li>• Supply contracts</li> <li>• Phone and SIM purchases</li> </ul>	<ul style="list-style-type: none"> <li>• Contract signing</li> <li>• Controlled access</li> </ul>
Human resources	<ul style="list-style-type: none"> <li>• Employee onboarding documents</li> <li>• Employment agreements</li> <li>• Administrative documents</li> </ul>	<ul style="list-style-type: none"> <li>• Attendance</li> <li>• Virtual system access</li> <li>• Physical controlled access</li> </ul>
Enterprise	<ul style="list-style-type: none"> <li>• Purchase orders</li> <li>• Internal processes</li> </ul>	<ul style="list-style-type: none"> <li>• Website identification</li> <li>• Online purchasing</li> </ul>
Healthcare	<ul style="list-style-type: none"> <li>• Patient consent forms</li> <li>• Patient enrollment</li> <li>• Claims processing</li> </ul>	<ul style="list-style-type: none"> <li>• Unified identify access</li> <li>• Access to online medical records</li> </ul>



# Entrust and AliasLab Integrated Solution

The AliasLab and Entrust partnership offers the market strong PSD2 compliant authentication in addition to remote electronic signature, providing a comprehensive and standalone 360° field secure financial solution.

## Why use AliasLab IDSign platform with Entrust nShield HSMs?

Signature keys used by AliasLab IDSign platform underpin the security of the entire electronic signature and authentication solution. If stored in software, critical keys can be compromised, defeating the security of the system. Entrust nShield Connect HSMs provide a hardened, tamper-resistant environment for performing secure cryptographic processing, key protection, and key management. nShield HSMs:

- Provide a tightly controlled tamper-resistant environment for safekeeping and managing signing and encryption keys
- Enforce key use policies, separating security functions from administrative tasks
- Interface with applications using industry-standard APIs (PKCS#11, OpenSSL, JCE, CAPI, and CNG)

## 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.

## AliasLab

AliasLab, part of TeamSystem Group, provides security and digital signature expertise including software development services, consulting, and system integration for banking, insurance, corporate (enterprise), and public administration markets. AliasLab IDSign electronic signature solution enables customers to sign PDF document of any kind, with any signing method, in accordance with regulatory requirements.

## Learn more

To find out more about Entrust nShield HSMs visit [entrust.com/HSM](https://www.entrust.com/HSM). To learn more about Entrust's digital security solutions for identities, access, communications, and data visit [entrust.com](https://www.entrust.com)

To find out more about  
Entrust nShield HSMs

**HSMinfo@entrust.com**

**entrust.com/HSM**

## 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**



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