



NFQES

Product sheet API

API interfaces that enable secure and reliable integration of services with external systems and applications.

QTS API

The **NFQES QTS API** is a service that provides qualified electronic timestamping. Authentication is handled via Basic Authentication. It is used within NFQES Enterprise WebSigner, where WebSigner requests the addition of a qualified electronic timestamp during the signing process using the POST method.

Benefits & Features



Provides qualified electronic timestamps



Authentication via Basic Authentication



Seamless integration with NFQES Enterprise WebSigner



Customers can choose whether to apply a qualified timestamp when signing documents



Uses the trusted time service provided by BRAIN:IT as a Qualified Trust Service Provider (QTSP)



Delivers trusted and legally compliant electronic timestamps



NFQES



File Gateway Services API

The NFQES File Gateway API is an enterprise electronic signing solution designed for deployment directly within the customer's infrastructure. It enables seamless integration for submitting documents for signing, managing signing workflows, and retrieving signed documents directly into existing business systems.

Benefits & Features



Automated
electronic document
signing



Simple integration via
REST/SOAP API



Compatible with QSCD
devices and certified
HSMs



Supports CAdES, XAdES,
PAdES, and JAdES
signature formats



Bulk document
distribution for
signing



High availability
through a scalable
architecture

Digital Signature API

The NFQES Digital Signature API provides a simple interface that enables customers to integrate digital signatures into their own applications. It is designed for organizations that only require the functionality of a digital signature without the need for higher levels of electronic signatures.

Benefits & Features



Simple
implementation



Ideal for customers who only
require digital signatures and do
not need advanced or qualified
electronic signatures





Certificate Provider API

The Certificate Provider API enables the issuance of certificates from Certificate Signing Requests (CSR) through the NFQES SaaS platform. Once successfully processed, the issued certificate is automatically delivered to the customer's system.

The service is primarily intended for medium-sized and large organizations that want to operate as a Registration Authority (RA).

Benefits & Features



Automated certificate issuance from CSR requests



Supports certificates for electronic, advanced, and qualified electronic signatures



Secure REST API integration using client certificate authentication



Automatically delivers issued certificates to the customer's system



Enables organizations to operate as a Registration Authority (RA)



Expands the customer's service portfolio with certificate issuance capabilities



Supports qualified certificates on QSCD devices outside the NFQES infrastructure

HashArchive API

The NFQES Hash Archive API enables customers to use long-term preservation services for electronically signed documents. It is a REST API that provides a set of methods for managing archived hashes and documents.





Benefits & Features



Archive document hashes



Archive document hashes together with the original document



Validate whether an archived hash or document is still valid



Retrieve a list of all archived documents



Delete documents from the archive



Authentication using client authentication certificates



Authentication via Basic OAuth (username and password)



Five available API methods

NFQES Virtual HSM API

The **NFQES Virtual HSM API** provides Hardware Security Module (HSM) as a Service, enabling the remote storage of certificates in an HSM. It is used within NFQES Enterprise WebSigner to support remote signing without requiring QSCD devices.

Benefits & Features



Enables remote storage of certificates in an HSM



Authentication using client certificates included in API requests



Supports remote signing without the need for a physical smart card



Does not require a QSCD device



Certificates are securely stored in the provider's HSM infrastructure



Includes a remote signer that allows users to sign documents without a physical card





Certificate Hub API

NFQES Certificate Hub API is a solution that enables the integration of electronic certificate issuance into existing systems and processes. It allows you to automate user registration, application submission, and certificate issuance management through a simple API interface, while the identity verification and certificate issuance itself is provided by NFQES.

Benefits & Features



Support for individual and mass certificate issuance



Compatibility with internal systems and IAM solutions



Easy integration via REST API



Rapid deployment without building your own certification authority



Scalable solution for organizations of various sizes



Ensuring the entire identity verification process by NFQES



Central certificate lifecycle management



Secure solution in accordance with eIDAS requirements





NFQES



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EU Trusted
List