



# NFQES

## NFQES File Gateway API

An enterprise e-signature solution designed for deployment directly within the customer's infrastructure

It enables easy integration of document submission for signing, management of signing processes, and downloading of signed documents directly into your own systems.

### Benefits

- Automated electronic document signing
- High level of legal certainty (support for all signature levels)
- Increased convenience for clients – signing without the need for a personal visit
- Easy integration via REST API
- Simplified and accelerated document processing
- Option for bulk distribution of documents for signing

### Use cases

The NFQES solution can be implemented and customized for a wide range of processes for businesses in various fields.



Signing contracts with clients



Bulk distribution of documents for signing



Digitalization and automation of signing processes



Integration of electronic signatures into the customer's internal applications



NFQES



## Functional description of the solution

The NFQES solution can be implemented and customized for a wide range of processes for businesses in various fields.

1	Creating a signing message	<ul style="list-style-type: none"><li>■ Easy integration via REST API</li><li>■ Setting the required signature level</li><li>■ Specifying the signing deadline</li></ul>
2	Uploading documents	<ul style="list-style-type: none"><li>■ Attaching documents to the message</li><li>■ The API returns a unique signing link</li></ul>
3	Document signing by the client	<ul style="list-style-type: none"><li>■ The client opens the link</li><li>■ The electronic signing process is performed</li></ul>
4	Downloading signed documents	<ul style="list-style-type: none"><li>■ Simple API call to retrieve the final document</li></ul>

## Configuration settings

- Custom logo setup
- Color scheme configuration
- Flexible configuration of recipients and signing workflows
- Configurable signing links

## Selected references



**Medante** - a non-state polyclinic in Bratislava that focuses on holistic medicine

- Digital signature and solution implementation on an existing system
- FileGatewayService API to create a contract for signature





## Characteristics

**Support for Qualified Electronic Signatures (QES)**

**Access to functionalities via standardized APIs (REST/SOAP)**

**Compatibility with QSCD and certified HSM devices**

**Wide support for document formats** – signing and verification of PDF, DOCX, ODT, XML, and others

**Security in compliance with eIDAS and Slovak legislation** – the application meets the requirements of Regulation (EU) No. 910/2014 (eIDAS)

**OCSF protocol support** – real-time certificate validation according to RFC 6960

**Robust integration** – the solution can operate with any certification authority

**Multi-instance support** – high availability and reliability through a scalable architecture.

Supported Qualified Electronic Signature Formats	Supported Cryptographic Standards	Supported Cryptographic Algorithms
CAeS: CAeS-B, CAeS-T, CAeS-LT, CAeS-LTA	CMS Advanced Electronic Signatures	RSA, DSA, EC, ECDSA MD2, MD4, MD5, SHA-1, SHA-224, SHA-256, SHA-384, SHA-512
	XML Advanced Electronic Signatures	
XAdES: XAdES-B, XAdES-T, XAdES-LT, XAdES-LTA	PDF Advanced Electronic Signatures	MD2, MD4, MD5, SHA-1, SHA-224, SHA-256, SHA-384, SHA-512
	JSON Advanced Electronic Signatures	
PAeS: PAeS-B, PAeS-T, PAeS-LT, PAeS-LTA	Support for time stamps and Trusted Lists (EUTL)	RIPEMD128, RIPEMD (128, 160, 256, 320)
	RFC 5280 – X.509 Public Key Infrastructure	
JAeS: JAeS-B, JAeS-T, JAeS-LT, JAeS-LTA	Support for time stamps and Trusted Lists (EUTL)	

### Supported documents and formats

- .PDF
- .DOC
- .DOCX
- .XLSX
- .XLSM
- .JPEG
- .PNG

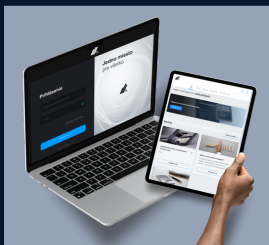
Other formats can be supported based on customer requirements.



# NFQES

## Case studies

### Tatral leasing



**Reduced workload**, lower hardware requirements, time and cost savings, and **high legal certainty**.

### BVS



**Digitalized communication**, online forms and contracts, electronic signing via infrastructure or API.

### Medante



**Digital signatures** for medical documentation and contracts, implemented in the existing MEDANTE system.

The NFQES solution can be implemented and customized for a wide range of processes for businesses in various fields.

## Contact:

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ISO 9001



EU Trusted  
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