



*Various signatures, various certificates,  
One verification*

**WebNotarius®**  
electronic signature without limits

## Signature and certificate verification

An electronic signature makes documents distinctive. It enables identification of the signing party as well as any changes made after the signature has been affixed. The abovementioned information is obtained during verification of an electronic signature thanks to the software recommended by the issuer of the certificate used for the purpose of affixing of the signature being verified. Correct verification of electronic signatures affixed using various standards and technologies recognised in a given country or worldwide requires installing, maintaining and updating a number of applications.

WebNotarius® allows you to verify an electronic signature in a much easier and effective manner. The service is available online, among others through any given Internet browser, and by the same token it does not require any additional software to be installed on your computer.

The WebNotarius® service enables instant and secure verification of various electronic signature formats as well as related public key certificates. The verification process is concluded with issuing of an electronic certificate, which may be used in a hearing of evidence.

WebNotarius® may cooperate with any given IT system through the most popular communication protocols (including webservices), thus enabling automation of the verification process.

### The WebNotarius® service is available in 2 versions:

	Enterprise	Standard
Qualified service	✓	✓
Verification of electronic signatures and qualified certificates from Poland and the European Union	✓	✓
Access to the service through www	✓	✓
Access to the service through SOAP and API	✓	✗
Verification confirmation in a PDF format	✓	✓
Verification confirmation in form of a file with an affixed electronic signature	✓	✗
Maximum size of a file to be verified through www	10 MB	1 MB
Maximum size of a file to be verified through other protocols	No restrictions	✗

## WebNotarius® - important advantages

### 1. Unlimited electronic signature

Instant verification of electronic signatures and public key certificates issued by any certification authority in Poland as well as major certification authorities of the European Union and Russia.

### 2. Compatibility with the applicable standards and no need to update

Once you have correctly integrated your connection between IT systems and the WebNotarius® service the process of verifying certificates and signatures is completely independent of various and ever-changing legal, organisational and technical requirements. Any changes or issues of compatibility with new solutions are handled by the WebNotarius® service and not the IT system of the client.

### 3. Transfer of responsibility

The service provider, i.e. CERTUM General Certification Authority, remains responsible for the correct verification of certificates and electronic signatures.

### 4. Verification proof

Following each verification of electronic signatures or certificates, the user receives an electronically signed and time stamped verification confirmation. In line with the applicable law, such a confirmation is considered a valid proof, which may be used in the case of litigations.

### 5. Reduced costs - increased effectiveness

Automation of the verification process in the case of electronic signatures and certificates translates into a reduced number of mistakes caused by the human factor and speeds up the workflow of electronically signed documents.

### 6. Simple and quick integration

Implementation of popular communication protocols (including webservices) limits the integration and implementation oriented works to the minimum. This way the user gains the full verification functionality in the shortest time possible from signing of a relevant contract.

### 7. Security and reliability

CERTUM General Certification Authority provides the WebNotarius® service in line with the international organisational and technical requirements applicable in the case of certification authorities. The teleinformatics infrastructure of the WebNotarius® is located in the Unizeto Technologies SA Data Centre - one of the most advanced outsourcing centres in the IT industry accommodated in terms of the housing and technical conditions as well as the HR potential for rendering top security level services.

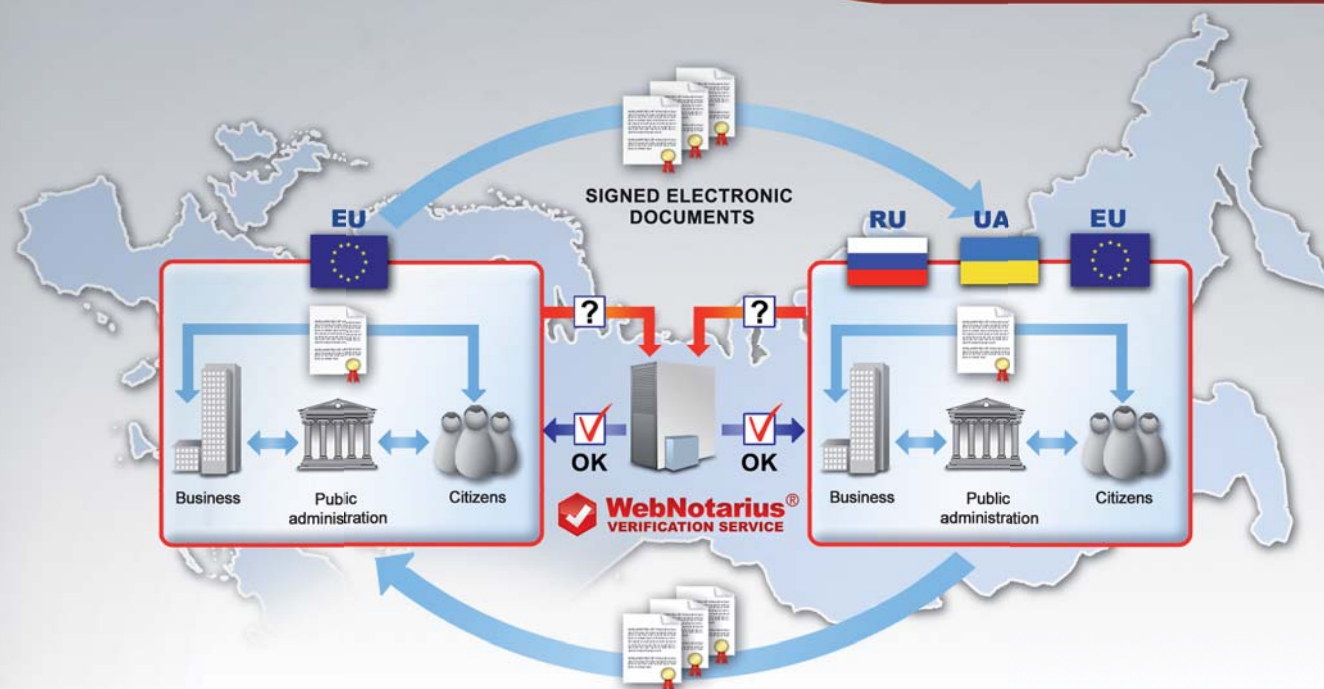
## WebNotarius® service awarded by the European Union

The European Commission ordered IDABC to assess over twenty European systems designed for verification of certificates and electronic signatures. Three of them were distinguished, including e-Notarius (currently WebNotarius®) as compliant with the EU requirements.

Review of European validation services is to provide assistance in finding a solution available in the future for all citizens of the EU Member States. The selected system should enable easy and fast verification of certificates and electronic signatures used within and outside of the EU.

WebNotarius® was distinguished for, among others, legal responsibility of the verification process as well as the support for the TSL lists implemented by the Member States.





The above diagram presents the workflow of signed electronic documents among citizens, public administration offices and companies both within a given country and between, e.g. a European Union Member State and Russia. The process of verification of various certificates and electronic signatures is identical regardless of whether the document workflow involves administration and business representatives or ordinary citizens from one or several countries.

The party receiving an electronically signed document, through the 24/7 operational WebNotarius® service, verifies validity of the electronic signature and the status of the relevant certificate and receives a confirmation considered valid in the case of hearing of evidence.

### WebNotarius® technical specification

Supported verification standards	TSL, OCSP, CRL, deltaCRL, ARL, DVCS, LDAP, SCVP
Supported formats of electronic signatures and certificates	PKCS 7, CMS, Sig, S/MIME, XML, dsig, CAdES, Xades, PAdes, X.509 v3
Supported communication protocols	SOAP, API, HTTPS, HTTP, TLS
Verification proof	YES - an electronically signed and time stamped confirmation
Support for internal and external signatures	YES
Support for a countersignature and multisignatures	YES
Support for verification through an Internet browser	YES
Qualified service	YES

The WebNotarius® service has been developed in accordance with the international standards applicable to the electronic signature and the public key infrastructure. By the same token, it enables comprehensive verification of a number of signature and public key certificate formats.

For more information go to  
[www.webnotarius.eu](http://www.webnotarius.eu)  
 or dial +48 91 4801 340

## Cross-border interoperability of electronic signatures project

On May 25, 2006, Unizeto Technologies SA, owner of the CERTUM General Certification Authority brand, signed a cooperation agreement with the Russian "ANK" S.A. Company - owner of a leading Certification Authority in Russia providing services for companies and state administration entities in the state root structure of the Russian Federation.

The agreement pertains to research-based and technical cooperation as well as providing services related to the electronic signature, among others to verification of electronic signatures affixed by users of the qualified public key infrastructure in an international trade. As a result of the agreement a joint, DVCS-based service was launched enabling reliable verification of certificates and electronic signatures in Poland, Russia as well as post-Soviet Union states.



## Unizeto Technologies SA

Unizeto Technologies SA, operating since 1965, is counted among the local and global leaders of IT industry as:

- qualified provider of electronic signature certification services;
- provider of high-tech outsourcing services;
- developer and integrator of Public Key Infrastructure (PKI) solutions;
- authorised and accredited IT Training Centre.

The products and services offered by Unizeto Technologies SA are based on original solutions and patents developed through R&D projects carried out in cooperation with recognised scientific centres. Unizeto Technologies SA is also a coorganiser of the European Forum on Electronic Signature ([www.efpe.eu](http://www.efpe.eu)), an annual international conference held since 2001 to discuss the theory and practice in the general usage of an electronic signature in business and public administration.

## Authorisations received

- WebTrust<sup>SM/™</sup> compliance audit qualifying CERTUM General Certification Authority as one of the main certification authorities trusted by Microsoft products;
- ISO 9001:2008 quality management compliance certificate;
- Entry no. 1 in the register for qualified providers of electronic signature certification services;
- Concession no. B-082/2004 granted by the Minister of Internal Affairs and Administration for development and marketing of products and technologies of military and police application;
- Registration in the telecommunication company register made by the President of the Office of Telecommunication and Post Regulation;
- AQAP 2110:2009 compliance certificate - supplementing and expanding the ISO 9000 standards by requirements specific to deliveries of military-purpose goods;
- PN-I-07799-2:2005 compliance certificate in respect to technical and human resource capabilities and satisfaction of legal information security requirements in the areas of design, development and implementation of IT systems, electronic signature certification services and Data Centre services;
- Decision no. 4/014497/06 issued by the Ministry of Economy on expanding the scope of electronic signature services provided by Unizeto Technologies SA.

## CERTUM General Certification Authority



Established in 1998, CERTUM is a Certification Authority based on Unizeto Technologies' self developed proCertum software abroad, with a large selection of PKI certification services. CERTUM - General Certification Authority caters for the needs of public sector institutions, wide range of businesses and individual clients with services including:

- issuance and management of qualified and non-qualified certificates;
- issuance and management of SSL certificates;
- verification of online certificate status protocols (OCSP);
- data validation and certification (DVCS);
- delivery authority;
- security-related audits and consultation;
- training authorised by the Internal Security Agency;
- Electronic Registry Box (ERB) services;
- reliable time stamping.

## Data Centre

One of the most advanced IT outsourcing centres with human and technical resources suited to provide the following services:

- secure electronic archiving;
- Electronic Registry Box (ERB) services;
- e-administration;
- digitalisation and scanning of documents;
- data processing;
- application service provision (ASP);
- data backup and archiving;
- administration of e-invoicing systems;
- hosting and collocation;
- maintenance of contingency data centres;
- mass correspondence servicing - printouts and enveloping;
- WebNotarius® - verification of various certificates and electronic signatures.



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● Registration points

● Identity verification points

[www.certum.eu](http://www.certum.eu)