

# Document Signing Services

## *The Easy Way to Digitally Sign Documents*

Today, more and more documents exist only in digital form. The question of the integrity of digital content and the authenticity of the author is thus becoming all the more vital. PGP TrustCenter's Document Signing Services enable you to determine the originator of an electronic document, check the genuineness of its content and its date and time of creation. In addition, PGP TrustCenter's digital certificates enable secure communication via the Internet. They support the encryption of transactions and data, secure access to applications and information, plus provide reliable authentication of those involved in communication.

### TC EID QuickStart

Companies will look at certificates being managed by the TC EID QuickStart service if they want to use certificates for more than one purpose. TC EID QuickStart allows companies to issue certificates and have them centrally managed and deployed.

#### **Pros:**

- > Cost-efficient
- > Web-driven interface
- > Trusted environment for all internal uses
- > No software needed for desktops
- > Document verification
- > Certificates can be used for multiple functions: authentication, signing of e-mail, encryption, document signing (except for external trusted Adobe signing)
- > Certificates can be moved from PC to PC with key-recovery
- > Individual signing
- > Placement on a token for portability
- > Inherent trust for Microsoft products
- > 99% browser ubiquity

#### **Cons:**

- > No external trust for signed Adobe documents only
- > No physical signatures

### TC Business ID for Adobe (Token)

This certificate is for companies that are looking to perform low to medium volume document signing and want individual or department physical signatures.

#### **Pros:**

- > Trusted Adobe signed documents
- > Certificates are portable
- > Document verification
- > Document time stamping
- > Physical signatures
- > Individual signing
- > Team / Department signing
- > Company signing
- > Signing application: Adobe Professional V6 and above
- > Signature validation with Acrobat Reader works offline when signature was generated with Professional 8

#### **Cons:**

- > All users need a token
- > Tokens are forgotten in office or home
- > Only works for Adobe document signing

### ARX with PGP TrustCenter

This service is for companies that are looking for non-token based Adobe signing for individuals.

#### **Pros:**

- > Network-based services for Adobe
- > Allows you to sign additional documents
- > Document verification
- > Document time stamping
- > External trust
- > Certificates are portable because they are not stored on the PC
- > Physical signatures
- > Individual signing

#### **Cons:**

- > Cost
- > It only works for the Adobe Signing
- > Software is required on each PC

### TC Business ID for Adobe (HSM)

This certificate is for companies that need a high volume of signatures which can be validated by any Acrobat Reader without additional plug-in or installation.

#### **Pros:**

- > Network-based services for Adobe
- > Trusted Adobe signed documents
- > Document verification
- > Document time stamping

#### **Cons:**

- > Only works for Adobe document signing
- > It is a team / company certificate (not for an individual)
- > HSM required
- > Adobe network-based document generator (Life Cycle) required
- > Solution is not portable
- > Physical signature for the company

### TC Sign Smart

This service is for companies that would like to sign documents in low and medium volumes.

#### **Pros:**

- > Qualified Signature according to German Signature Act
- > Complies to EU E-Invoicing directive
- > Free of charge signature verification via validation client or online validation portal
- > Externally trusted
- > Works with any document
- > Easy to use – send to a print driver
- > Creates PDF and according signature

#### **Cons:**

- > Document and signature within a zip file
- > Printer driver + license key is required on each PC
- > Solution is not portable
- > No physical signature
- > No individual signature

## Document Signing Services

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### TC Signature Service

This service is for companies that need high volume signing with qualified signatures according to the German Digital Signature Act and the EU E-Invoicing directive.

**Pros:**

- > Web-based signing Services
- > Free of charge signature verification via validation client or online validation portal
- > Optional document time stamping
- > Externally trusted
- > Works with any document
- > Can be accessed anywhere
- > Can be customized

**Cons:**

- > Only works in batch mode

### TC Business ID

This certificate is for individuals that need low volume signing of documents or e-mails. Please note that TC Business ID is not inherently trusted with Adobe, and it does not comply with the token requirements for CDS signatures.

**Pros:**

- > Trusted environment for all internal and external use
- > No software needed for desktops
- > Document verification
- > Certificates can be used for multiple functions: authentication, signing of e-mail, encryption, document signing (except for externally trusted Adobe signing)
- > Individual signing
- > Can be placed on a token for portability

**Cons:**

- > No external trust for signed Adobe documents
- > Certificates are not "transferable"
- > No physical signatures

	TC EID QuickStart	Adobe Token	Adobe HSM	Sign Smart	Signature Service	TC Business ID	ARX & Chosen
Individual Signing	✓	✓				✓	✓
Portable	✓ *	✓			✓	✓ *	✓
Physical Signatures		✓					✓
External Trust	✓	✓	✓	✓	✓	✓	✓
Adobe Trust		✓	✓				✓
Time Stamping	✓	✓	✓		✓		✓
Verification	✓	✓	✓	✓	✓	✓	✓
Network-Based			✓				✓
Web-Driven					✓		✓
Software Load on PC				✓			✓
Sign Additional Doc's	✓			✓	✓	✓	✓
Encryption	✓					✓	
E-mail Signing	✓					✓	
Authentication	✓					✓	
Company Signing		✓	✓		✓		✓
Need Crypto Viewer				✓	✓		
Size Limitation				✓	✓		
Batch Support					✓		

\* Certificate must be loaded on a token

### The Advantage of Working with PGP TrustCenter

PGP TrustCenter is a leading provider of On-Demand PKI (public key infrastructure) security services in the world, enabling a wide range of PKI-enabled security services for enterprise authentication, secure e-mail and digital signatures.

This document is for information only and without responsibility. PGP TrustCenter reserves the right to change scope of services.