

## TC ENTERPRISE ID

On Demand PKI

### Professionally Managed PKI on demand

Superior service quality, interoperability and zero footprint-administration – who wouldn't want that for their PKI? You think this is expensive and difficult to build? Try leveraging the certified On Demand PKI platform of TC TrustCenter, its security expertise, and its professionally managed services to reach the above goals.

### We provide the infrastructure you can trust in

Until recently, organizations desiring to implement a PKI were faced with two choices: they could build it, staff it, and operate it themselves, or have somebody else build it, staff it, and operate it for them through a managed service. Both approaches involved physically building infrastructure, incurring capital expenditures, paying perpetual license fees, and making changes to existing IT infrastructure, as well as purchasing hardware and software. Both approaches involved undertaking projects that could last many months before benefits could begin to be realized.

TC TrustCenter offers a new alternative – On Demand PKI. Unlike traditional in-house PKI implementations or traditional managed services, TC TrustCenter is the world's first PKI platform that can be deployed across multiple clients in a Web based Security as a Service model, enabling any size enterprise to create a working PKI in as little as 2 weeks with no capital costs, hardware or network changes.

TC TrustCenter's unique platform enables organizations to utilize certificates without the need for additional dedicated hardware, software, personnel and their related costs. Our shared platform is designed to be highly configurable for each customer, so they do not have to trade-off functionality for cost. On Demand PKI is faster to install than any other approach. Since all the enabling infrastructure exists, On Demand PKI can be configured and be online within a few weeks.

### Easy to use and easy to administrate



**Search Certificates**

Search

Serial Number:   
 Subject Name:   
 Owner Name:   
 Email:   
 Organisational Unit:

Product Name:   
 Certificate Status:   
 Expires After:   
 Expires Before:

**Certificates**

<input type="checkbox"/>	Serial Number	Subject Name	Owner	Expiration Date	Product Name	Status	Action
<input type="checkbox"/>	3095840760	John Doe	John.Doe@trustcenter.de	Jul 16, 2011 11:34:57 AM	TC Business ID, recoverable enc, 3yrs	Valid	
<input type="checkbox"/>	1599616911	John Doe	John.Doe@trustcenter.de	Jul 16, 2011 11:34:00 AM	TC Business ID, recoverable, 3yrs	Valid	
<input type="checkbox"/>	3318154984	John Doe	John.Doe@trustcenter.de	Jul 16, 2011 11:32:56 AM	TC Business ID, sign+auth, 3yrs	Valid	
<input type="checkbox"/>	4846389807	John Doe	John.Doe@trustcenter.de	Jul 15, 2011 9:05:00 AM	TC Business ID, recoverable enc, 3yrs	Valid	
<input type="checkbox"/>	3683555270	John Doe	John.Doe@trustcenter.de	Sep 26, 2010 3:33:33 PM	TC Business ID, recoverable, 2yrs	Valid	

Export options:

# TC ENTERPRISE ID

## On Demand PKI

### Zero-footprint administration

TC Enterprise ID is a Web based PKI-system. A browser is all you need whether you are a client or an administrator. Via the Web the user can: request certificates, approve certificates, revoke certificates, and suspend or unsuspend certificates. We also offer key recovery. You get a survey of the service quality automatically via e-mail (Service-Reports).

### Delivery of Requests

- Single:** Each certificate request will be submitted individually via an easy to use web based graphical user interface (GUI).
- Batch:** TC Enterprise ID allows the upload of a batch file containing certificate request e.g. of a division. This Batch of request data can be easily generated from a management system (like SAP) or office applications like MS Excel or other spreadsheet-programs. The batch mechanism is easy to integrate and accelerates the implementing of the certificates. We use the comma separated value (CSV) format.

### Global Root – Door opener for secure electronic communication in and outside your PKI

Profit from TC TrustCenter's ubiquitous Root-Certificates. You can use standard applications to securely communicate not only with internal members of the PKI but also with external partners. The TC TrustCenter root certificates are preinstalled in e-mail-clients, web browsers and other operating systems and applications. This permits simple authentication of individuals, as well as easy verification of digitally signed and encrypted data.

### Supported Standards

- ▶ CRL v1 and v2 (RFC 2459, RFC 3039, RFC 3280)
- ▶ OCSP (RFC 2560)
- ▶ LDAP (RFC 1777)
- ▶ Time stamping (RFC 3161)
- ▶ Key Recovery (PKCS#12)
- ▶ Digital Signatures: RSA, DSA, ECSDA
- ▶ Hash Functions: SHA-1, SHA-256, SHA-384, SHA-512, RipeMD160
- ▶ SOAP

### Storage options

- ▶ USB-Token (Cryptographic Service Provider (CSP), PKCS#11)
- ▶ Software based (PKCS#12)
- ▶ Smartcard (CSP, PKCS#11)
- ▶ HSM (FIPS 140 Level 2 and 3)

### Our Services

- ▶ Issuance of Certificates (Certificate request/approval and certificate invite)
- ▶ PiN Methods ePiN (E-Mail, SMS), external PiN
- ▶ Management of Certificates (Revocation/Suspension/Unsuspending of certificates, key recovery, validation, LDAP)
- ▶ Service Management and Support
- ▶ Affiliate Support
- ▶ SOAP based API
- ▶ Officer right can be restricted to groups

### Customisation Options

- ▶ Branded Sub-CA with branded certificate types
- ▶ Customised certificate types
- ▶ LDAP replication
- ▶ Platinum SLA

### SLA-Parameter

- |  |   |
|--|---|
| <b>PKI Services:</b> <ul style="list-style-type: none"> <li>▶ Maximum Consecutive Downtime: 8 hours</li> <li>▶ Availability: 98,5%</li> <li>▶ Processing Time: 95% in 90 minutes (single request)</li> </ul> | <b>Support:</b> <ul style="list-style-type: none"> <li>▶ 24x7 hotline</li> <li>▶ International Free Call Number (DACH, UK and US)</li> <li>▶ Self-Service Portal to be used by up to 2 named administrators.</li> </ul> |
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