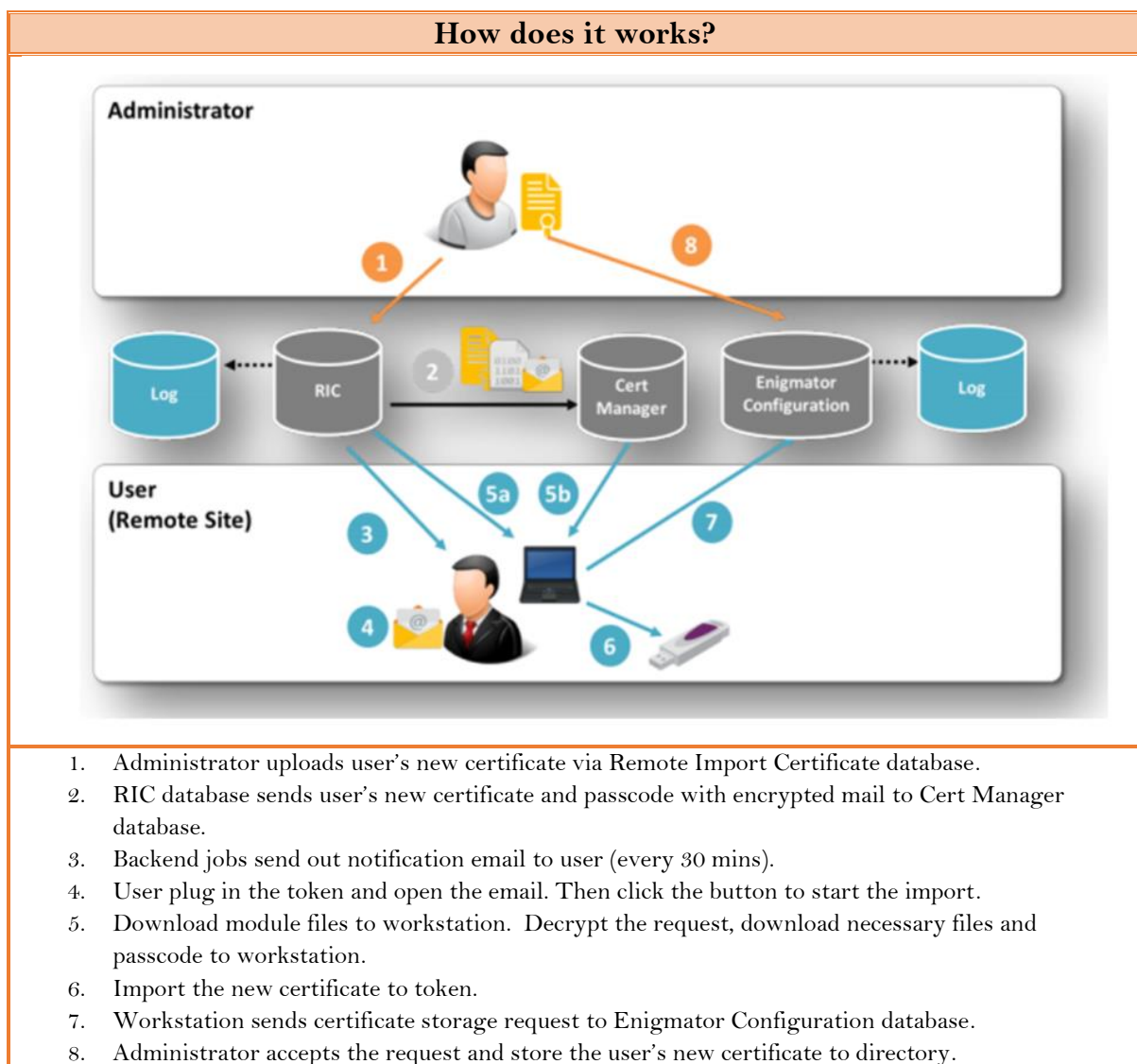


Remote Import Certificate

Remote Import Certificate (RIC) serves as an administration tool of Enigmator (PKI email encryption solution), provision as option, to manage e-cert renewal process remotely and automatically so as to minimize interruption to users caused by e-cert expiration.

Enigmator supports users sign and encrypt confidential email with digital certificate stored in smart card or hardware token. RIC is used to remotely and securely to transfer new certificate to remote Enigmator users when their digital certificate is expired. It gives remote users great flexibility to import renewal e-cert at anytime and anywhere.

Minimize disturbance to end users - Renewal process alert automatically sent to users. Users just do one-click action to trigger new cert import process.



Security Highlights

Securely Protect P12 File & Pass Code

The import P12 file and pass code will be encrypted based on PKI by a pre-defined master key and user existing certificate. Only the certificate owner with the existing certificate can decrypt the protected P12 file.

Only Authorized Administrator can create Key Import Request

System Administrator can specify the master certificate. Administrator has this master key can create new key import request only. This ensures the process is performed by authorized administrator.

Only Authorized User can import Specified Certification

The new P12 file is encrypted by master key and user certificate in Domino Directory. This means only user has the token with proper certificate can import P12 file.

Detail process Logging

Every process will be logged in RIC Log database, no matter fail, success, how many times that user execute the import action and token's unique key ID. It gives you the information that certificate is imported to a proper token or not.

Support Multiple Databases Set

Application databases can be replicated on multiple servers and operated independently. Totally support high availability and disaster recovery

Technical Specifications

Key File and Pass Code are protected by

Encryption Algorithms	<ul style="list-style-type: none">• 3-DES, AES 128, AES 256
Hashing Algorithms	<ul style="list-style-type: none">• SHA-1, SHA-2
Certificates supported	<ul style="list-style-type: none">• X.509v3 certificate-based (e.g. Hong Kong Post e-Cert & Digit-Sign), CRLv2

System Requirements

Support Lotus Notes	<ul style="list-style-type: none">• R7.x.x• R8.5.x• ND9.x
Supporting Client Platform	<ul style="list-style-type: none">• Chinese / English Window 7• Chinese / English Window 8• Chinese / English Window 10



Trusted System Ltd is specialized in Messaging & Collaboration Enhancement Solutions. We develop various products under TrustSafe brand with an aim to provide innovative, valued added and cross platform solutions to meet our customers' extra needs. Our products include PKI based Confidential Mail System, Email Compliance Manager, Multi-Factor Authentication, Domino Migration Tool and SharePoint Integrator.

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