

# Cryptshare implementation scenarios

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## 1. Cryptshare

Cryptshare fits into IT infrastructures of any size and setup. Since Cryptshare comes as virtual appliance, hardware appliance or software licence you can choose the best way to install Cryptshare for you.

### **Cryptshare Virtual Appliance**

The virtual Appliance has everything you need for safe data transmission and runs on VMware ESX 3.5 or higher. It includes

- An openSuSE Linux operating system
- An Apache web server
- A ClamAV virus scanner
- The pre-installed Cryptshare server application
- The Cryptshare server licence

The subscription for the Cryptshare Virtual Appliance includes an automatic software update service for all software components of the system ensuring that your Virtual Appliance is always up to date.

Using our web based configuration tool the Virtual Machine can easily be pre-configured to integrate immediately into your company's IT environment. In addition, your brand image and design rules can be applied quickly and without needing design skills. For integration into your ESX server just download your pre-configured VM. In case you need help to setup or integrate your Virtual Machine, we'll be happy to recommend a certified partner.

Please note: If you want to operate Cryptshare under other hypervisors than VMware - and many are suitable - our Value-added resellers will be glad to help you.

### **Cryptshare Hardware Appliance**

Like the Cryptshare Virtual Appliance, the Cryptshare Hardware Appliance is a pre-configured system containing the following components:

- An openSuSE Linux operating system
- An Apache web server
- The ClamAV virus scanner
- The pre-installed Cryptshare server application
- The Cryptshare server licence

## 2. Cryptshare for MS Outlook

Cryptshare for Outlook requires an existing Cryptshare Server/Appliance/Virtual Appliance as prerequisite. It will be installed into the MS Outlook client as a plugin. No software installations or settings are necessary on server side. You can use an MS Exchange or POP3/IMAP account for Cryptshare for Outlook.

The plugin will communicate directly via https from the user's client computer with the Cryptshare system to hand over the attachments and retrieve download information. After the files are handed over, the plugin will add the download information to the e-mail and send the e-mail in the standard way.

Cryptshare for Outlook comes as .EXE and .MSI file that you can use to install on your local machine or use with your software distribution system to roll out on a larger number of client Computers. Elementary settings can be pre-defined, so that users can start working right away. Personal configuration data can be modified by the user if required.

## 3. Cryptshare for Lotus Notes

There are three ways of using Cryptshare for Notes. You can have e-mails processed automatically by Cryptshare for Notes based on rules that you set up on server side. In addition to that, you can provide your users with a SmartIcon and/or a Widget they can use to initiate a Cryptshare transfer manually.

### **Automatic mode**

To use the automatic mode, two databases need to be installed on your Domino Server. One database (Cryptshare.nsf) processes the e-mails you want to send via Cryptshare, the other database logs all events. Both databases monitor each other for availability.

You need to set up a rule in your Domino Directory's mail routing settings (or in any other third-party product that can apply rules to your e-mail routing scheme) to move e-mails that fulfill the defined rules into Cryptshare.nsf. Criteria can be message size, number of attachments, senders, recipients, keywords etc. That's all. No changes are required to any standard Lotus Templates.

Cryptshare.nsf comes with pre-defined settings and texts that you can use out of the box or change if you want to.

### **Manual mode using a SmartIcon**

If you want to allow your users to decide themselves to send attachments via Cryptshare, you can provide them with the Cryptshare SmartIcon. The SmartIcon will convert a Lotus Notes e-mail into a Cryptshare message or create a new, empty Cryptshare message if you prefer. This SmartIcon can be rolled out using an e-mail with an installation routine in form of a button that users can click on to install.

The SmartIcon will be available in the "Universal" SmartIcon bar. Using the SmartIcon, you can enable users to send files via Cryptshare even if they would not be covered by the rules set in Automatic mode (e.g. because their size is under the defined limit).

**Manual mode using Cryptshare Widget**

If you are using widgets, you can add a Cryptshare Widget into your Lotus Notes sidebar. The widget is a minimized Cryptshare for Notes message form. Using the widget, it is very easy to drag & drop files or text elements from Lotus Notes databases or other sources on your desktop into a new Cryptshare enabled message. You can deploy the Widget using the Domino Widget Catalogue.