

plug´n´trust

https:// X.509
appliance
LDAP
100%
token management



plug´n´trust[©]

Just like the other charismathics products, plug´n´trust[©] is an easy to use, flexible and inexpensive product to fit your demands for all identity management purposes, such as certificate management and user authentication for various demands and applications. Never before has it been so easy to integrating a full identity management system into an existing infrastructure.

plug´n´trust[©] is able to generate digital certificates in its function as CA (Certificate Authority) or imports and administers externally generated certificates. Those can be issued for various user purposes and application areas. These certificates and the certificate revocation list (CRL) can be provided as part of a PKI-Infrastructure via LDAP (e.g. for e-mail clients). In order to meet the highest security requirements the certificates can be safely isolated on a smart card or a USB token. A PIN is always required for encryption or authentication. Only the owner of the token may then authenticate, encrypt or sign documents by a so called two-factor-authentication.

Benefits

- browser based administration including finely subdivided user rights management
- full support of all certificate interchange standards
- full certificate handling by LDAP interface
- full support of smart card tokens and software certificates via the charismathics smart security interface[©]
- generation of certificates directly into Windows certificate management
- easy to use and customizable web front-end for certificate enrolment
- authentication through certificate, LDAP bind and RADIUS protocol
- administration of static passwords
- optional: load sharing and one-time password (OTP) Module
- supports all metadirectories i.e. Microsoft ADS, Siemens DirX, Novelle e-directory, CA e-directory



Overview:

- PKI appliance plug-in including token management system
- 100% browser based administration
- supports all standard interfaces including LDAP, PKCS
- integrates into all directory services including ADS, DirX, eDirectory
- optional: OTP module and load sharing

plug 'n' trust[®] allows you to directly generate certificates into the Windows certificate administration and therefore works together with all hardware certificate stores supporting the Microsoft[®] Standard Interfaces. Additionally, plug 'n' trust[®] provides a secure user authentication for Firewalls, VPN-Server, Remote Access Router, Unix-/ Windows-Server or other components. All users are centrally stored in a LDAP-directory to which the IT-components have access with diverse authentication methods. Among others, the RADIUS server supports authentication, server storage and retrieval of certificates via LDAP.

The personalization and enrolment of a smart card or USB token may be handled through a web browser on any given PC

connected to the internet. To simplify the procedure, the end user may generate the certificates (or initialise the optional OTP generator) easily guided step by step. The web front-end can be individually altered by the administrator, so it allows the end user to only access the required functions. The installation of all required smart card or token drivers may also be conducted via web interface.

The configuration and administration of the appliance can be handled from any workplace with a web browser through an HTTPS connection. A finely subdivided user rights management permits administrative tasks to be delegated, without allowing the user more rights than necessary for their function. All appliances can be comfortably configured from a master appliance.

Product specifications

LAN ports	2 x 10/100/1000 Mbit/s (onboard) 1 x 10/100 Mbit/s (on module)
connectors	1 x COM, 4 x USB 2.0, VGA
High Availability Module	optional
display	Front panel LCD with easy-access six-button keypad
environment	Temperature 0 - 35°C, relative humidity 0 – 80%
regulatory	CE, FCC Class B, UL
power supply	100-240 V, 50-60 Hz, max. 300 W
dimension	424 mm x 44 mm x 388 mm
weight	approx. 14 kg
chassis	sub-1U rack-mountable chassis with rail kit
guarantee	2 years, incl. 1 year advance exchange service

Product options

In a corporate-wide solution the aspect of reliability plays a significant role. To satisfy these demands, an optional High Availability Module offers the possibility to run several devices in parallel. This set-up allows load sharing and provides an uninterrupted operation in case of a turn down: Each system is capable to automatically and transparently take over the full functionality.

With the OTP module, one-time-passwords for users can be generated manually by

the administrator or with the aid of an OTP token. Those are especially suitable for application areas where software is not installable on the PC (e.g. Internet café or with a subcontractor). The generated one-time-passwords are then usable for registration to different applications. This procedure represents a highly effective protection against spying and tapping of passwords.

Please contact www.charismathics.com or sales@charismathics.com for further details