

CRYPTO-Web

CRYPTOCard's authentication solution for Web servers provides the granularity to securely control access to restricted areas and content, and to authorize and digitally sign transactions.



CRYPTO-Web for Apache

CRYPTO-Web is an authentication agent for servers running Apache 1.3 or 2.0. It sits in the data stream between the user's browser and the Web applications residing on the Web server, intercepting all resource requests. It allows access to the requested resource only after authenticating the user and verifying that the user is authorized to receive the requested resource.

It can be configured to protect domain name-based and IP address-based virtual hosts. Resources are protected through the Apache Web Administration tool located on the CRYPTO-Server. The point-and-click interface is convenient and efficient to use. CRYPTO-Web must be installed on each Web server it is needed to protect.

Key Features

- Protects domain name-based and IP address-based virtual hosts
- Browser-based administration console
- ActiveX and Java plugin for automated authentication using ST-1, SC-1, and SC-3 tokens

- Supports manual authentication using RB-1 and KT-1 tokens
- Enforces access control lists based on LDAP group membership
- Trusted domains, networks, and IP addresses are supported
- Supports customized logon pages

CRYPTO-Web for IIS

CRYPTO-Web is an ISAPI filter for Web servers running Microsoft IIS-5 or IIS-6. It sits in the data stream between the user's browser and the Web applications residing on the Web server, intercepting all resource requests. It allows access to the requested resource only after authenticating the user and verifying that the user is authorized to receive the requested resource. It may be configured to protect domain name-based and IP address-based virtual hosts.

Resources are protected through the CRYPTO-Web Admin tab added to the IIS management console during CRYPTO-Web installation. The point-and-click interface is convenient and efficient.

CRYPTO-Web must be installed on each Web server it is to protect.

Secure Web Servers

- Secure domain name and IP hosts
- Authenticate Apache Servers
- Authenticate IIS Servers

Authentication Options:

- Automated authentication using ST-1, SC-1 or SC-3 tokens
- Manual authentication using RB-1 or KT-1 tokens

Supported Directories:

- Active Directory
- Open LDAP
- Open Directory

Customization

- Customize logon pages to meet company format and colours

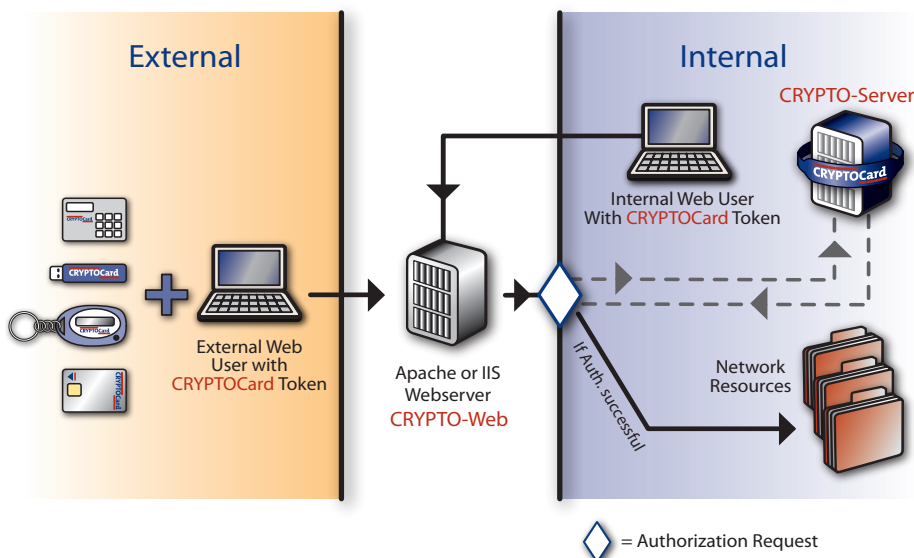
There are two modes of operation for CRYPTO-Web, Standalone and Web Farm. Standalone mode performs its authentication through a Web proxy connection to the CRYPTO-Protocol Server. This is the default option and is recommended for most installations. Web Farm mode performs its authentication by redirecting the end user to the CRYPTO-Protocol Server, which may require opening ports on your firewall. It is intended for situations where you wish to implement CRYPTOCARD technology amongst a group of web servers.

- Static or Dynamic Logon Pages: customizable logon pages are presented when a user requests a protected resource. They provide support for manual authentication, typically used with hardware tokens and automated authentication for software, smart card, or USB token authentication.

CRYPTO-Web 6.4 must be used in conjunction with CRYPTO-Server 6.4 or higher.

CRYPTO-Web is Comprised of:

- ISAPI filter: this IIS plug-in intercepts all HTTP/HTTPS resource requests.
- MMC Snap-in: this Microsoft Management Console (MMC) snap-in for the Internet Services Manager (ISM) adds the CRYPTO-Web management tab to the Web resource property dialog box.



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