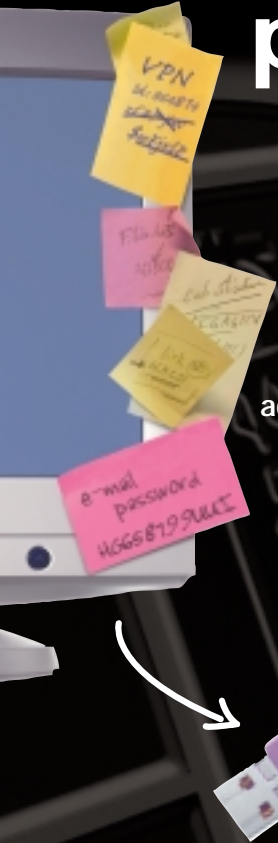


Too many passwords to remember?



What if a smart
card or USB key
and your PIN
code provided
access to all your
applications
and resources?

CryptoGram SSO is secure

Complex, secure authentication credentials are stored on a smart card or USB key that is protected by a secret code. This offers maximum protection in case of loss or theft. Enter the wrong PIN code 3 times and the smart card or USB key is blocked.

CryptoGram SSO is simple

Users no longer have to struggle with dozens of hard to remember passwords. Simply insert the smart card or USB key, enter its secret code and CryptoGram SSO will automatically enter the correct authentication information for each application that asks for a user name and password.

CryptoGram SSO is versatile

CryptoGram SSO can be used with all applications and resources that require authentication: Windows logon screens, HTML pages, terminal emulators and other character based applications, Lotus Notes, SAP ...

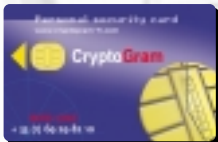
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CryptoGram

CryptoGram SSO

Why Single Sign-On?

Today, there are simply too many passwords for users to remember. Users either try to use the same password for all applications or they write them down, often on sticky yellow notes in plain view. Also, each application and resource type has its own specific password definition rules. Users get lost and call the help desk repeatedly to gain access. This not only increases security risks and help desk costs, but also substantially reduces overall productivity.



By storing all those hard to remember user names and passwords on a smart card or USB key, CryptoGram SSO (Single Sign-On) allows enterprise network users to seamlessly access all authorized network resources with a single PIN code. CryptoGram SSO increases the productivity of network users, reduces the total cost of ownership, and improves network security.



CryptoGram SSO vs traditional Single Sign-On Systems

CryptoGram SSO is a desktop Single Sign-On solution that does not require complex backend integration or custom server agents to function with your existing windows, web, and mainframe based network resources. CryptoGram SSO's small footprint enables you to deploy Single Sign-On throughout your organization in days, not months. Whether you have 1 or 10000 PC's, CryptoGram SSO's flexible licensing structure will support your existing infrastructure, security requirements and budget.

CryptoGram SSO Security

Secure storage of logon credentials on a smart card or USB key provides maximum protection against password theft. Since the smart card or USB key is protected by a secret code of 4 to 8 letters, numbers or special characters, it is impossible to gain access within 3 tries.

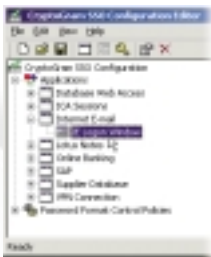
Remember: 3 erroneous tries will block the smart card or USB key from further usage.

CryptoGram SSO allows you to enforce complex and secure passwords without compromising ease of use. While your network resources will see highly secure text based passwords, network users will only have to insert their smart card or USB key and enter their PIN code.

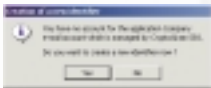
CryptoGram SSO Architecture

CryptoGram SSO consists of two parts: the SSO Configuration Editor and the SSO Engine.

The SSO Configuration Editor allows for easy and centralized management of all network resources and their associated windows or screens that ask for authentication.



The SSO Engine resides on each user's workstation and automatically provides network resources with the appropriate logon information stored on the user's smart card or USB key. If a logon screen is recognized but no logon information is available on the smart card or USB key, the user will be asked to enter the necessary information.



Available Products

CryptoGram SSO iKey™ Edition

Uses a USB key to store authentication credentials, includes 2 iKeys™

CryptoGram SSO Smart Edition

Uses smart card to store authentication credentials, includes 2 smart cards and card reader

CryptoGram SSO is compatible with Windows 95, Windows 98, Windows NT 4.0 and Windows 2000

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