

SyferLock's Two-Factor & Multi-Factor Authentication Solutions



SyferLock Two-Factor & Multi-Factor Authentication Overview

SyferLock provides an innovative software-based alternative to hard tokens, smart cards and other authentication solutions. SyferLock delivers two-factor & multi-factor authentication utilizing patented software-based grids to convert static passwords/PINs into token-less one-time passwords/PINs (OTPs). Increasingly, enterprises are turning to SyferLock and its software-based authentication solutions to strengthen security, eliminate hardware tokens and reduce Total Cost of Ownership (TCO).

Token-less, Secure, Easy-to-Use Two-Factor/Multi-Factor Authentication

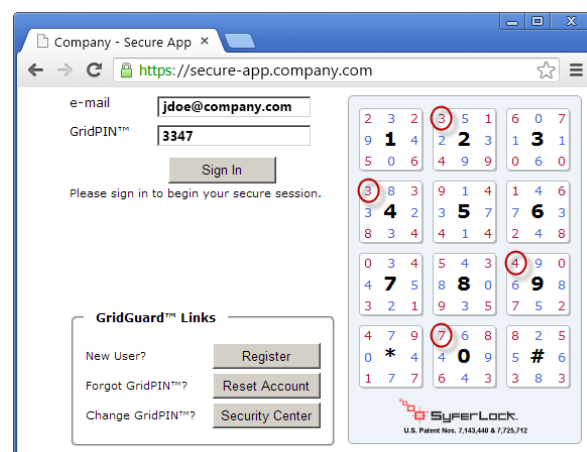
SyferLock's GridGuard is deployed as a virtual appliance in the enterprise network and integrates with the existing user registry to provide seamless user registration and authentication to SSL VPN appliances, Identity & Access Management platforms, web portals, and cloud-based and other applications. SyferLock's GridGuard software-based authentication solutions support multiple deployment models for two-factor and multi-factor authentication.

SyferLock's Key Features / Advantages

- Two-factor & Multi-factor Authentication
- Software-based / Token-less
- Superior Authentication and Security
- Easy to Deploy and Use
- Greatly Reduced TCO, both for Direct and Indirect Costs

How SyferLock's Token-less OTP Authentication Solutions Work

- At log-in, a grid of cells is shown, each cell containing:
 - A static number or symbol in the center, and
 - Random numbers in corners which change with each authentication
- User inputs numbers corresponding to their pre-selected corner position in place of associated static password/PIN characters as their one-time password/PIN (OTP).
- For example, with a static PIN of "2490" and a pre-selected corner of "top left", the user would input a GridPIN of "3347" for this log-in attempt.
- Upon every refresh or new log-in, the corner numbers randomly change, creating a new OTP.



SyferLock's Two-Factor & Multi-Factor Authentication Solutions



SyferLock GridGuard™

Two-Factor & Multi-Factor Authentication

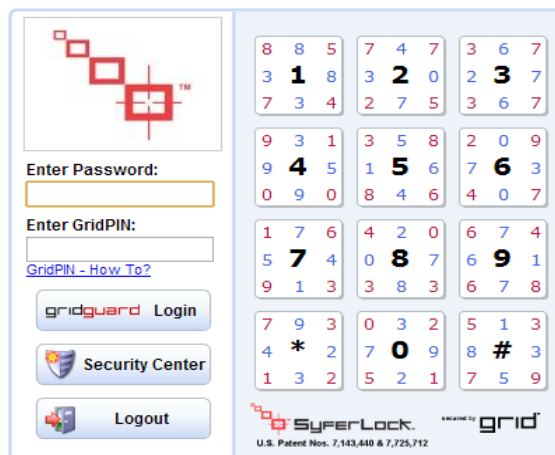
GridGuard's™ flexible, adaptable solutions enable enterprises to cost-effectively address two-factor and multi-factor authentication across a range of use cases and platforms.

Grid2Form™ Deployment Option

Multi-factor Authentication

SyferLock's Grid2Form™ is a browser-based, zero footprint authentication solution that requires both the enterprise user registry password and a GridPIN™ for secure multi-factor authentication. Grid2Form™ does not require any hardware tokens or smart cards and has no dependency on a cell phone like SMS text-based solutions.

Grid2Form™ is the strongest browser-based authentication solution on the market.



GridSoftToken™ Deployment Option

Two-Factor Authentication

GridSoftToken™ enables users to leverage their computers or smartphones as a second factor for authentication. Superior to traditional soft tokens, GridSoftToken™ generates a grid unique to the device that the user uses to securely log-in.

GridSoftToken™ is supported on the following platforms:

- Mobile platforms - iOS, Android, and BlackBerry
- Desktop platforms - Windows, Linux, and Mac OS X

