

CLAVISTER®

CONNECT • PROTECT

CLAVISTER

Multi Factor Authentication

FEATURES



AT-A-GLANCE

- STRONG AUTHENTICATION
- EASY TO INSTALL
- SIMPLE TO USE
- SELF SERVICE PORTALS
- SMS AND MOBILE APPS
- THIRD-PARTY TOKENS
- INTEGRATED ADMINISTRATION

The time to authenticate is now. As intrusions and identity theft threaten business networks there's only one way to assure your users are who they say they are.

It was such an easy world before: a password, a username typed into a browser or VPN client. But for data and network security, we know better now. Multi Factor Authentication (MFA) enhances the traditional username and password authentication by adding One Time Passwords (OTPs) or biometric scanning, making it exponentially more difficult for hackers to break into your network. Using our Clavister MFA, a new, increased, level of security is introduced at reasonable costs and deployment.

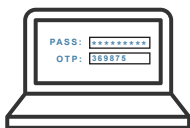
The beefiest bouncer around

At the heart of your strong authentication solution is the Clavister MFA Server, the beefiest bouncer around, keeping cyber criminals at bay and out of your network. The Clavister MFA Server communicates with Clavister Next Generation Firewalls, your User Directories and keeps track of all the OTPs. The server is designed for rapid installation and requires minimal administration to offer great protection for your company.

**STANDARD
PASSWORD**



**ONE TIME
PASSWORD**



**USER'S
PASSWORD**

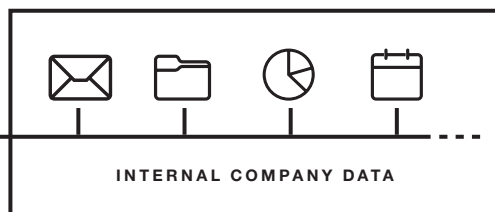


Adapts to your risks and business needs

The Clavister MFA Server is not only strong and beefy but also intelligent enough to adapt to different needs. Built into the Clavister MFA Server are several risk based authentication capabilities which we call 'scenarios'. These scenarios enable you to tailor make the right level of authentication based on who the user is; type of service; resources being accessed or even what IP address or network they are currently using.

Strong authentication ready whenever you are

We believe that strong authentication is a necessity for everyone. To make it easy for you to get started with the Clavister MFA server, we package it together with all the other Clavister products so you can start using it with a 30 days complimentary free of charge license.



Rapid Deployment

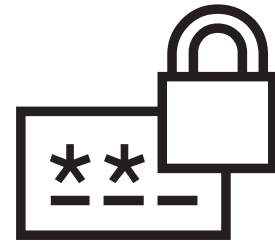
Clavister MFA server is incredibly easy to install. In fact, most customers can be up and running with strong authentication within an hour. Clavister MFA is a plug'n'play product that delivers value on the first day, not an IT project that goes on for months and never gets finished.

Smart Integration

Clavister MFA is perfectly integrated with the Clavister Next Generation Firewalls and Centralized Management System. All Clavister MFA configurations are done using Clavister InControl which makes it a seamless experience.

Uncomplicated Configuration

Clavister MFA is designed to offer fine granular configuration to match your specific business needs but is still very straight forward and uncomplicated, making it easy to use.



Intuitive Self Service Portal

The intuitive self service portal gives our users the power to handle most of the common things themselves, such as changing phone numbers for the SMS based OTPs or scanning a new QR code to activate their Clavister Authenticator App.

Flexible Token Choices

Clavister MFA is compliant with the different OTP generation tokens offered from us, but it's also compatible with several third-party tokens such as hardware based dongles, Google Authenticator and Microsoft Authenticator.

Low Total Cost of Ownership

Rapid deployment, ease of use, great flexibility of OTP tokens and a scalable licensing model ensures that the Clavister MFA service offers great value for money and a low total cost of ownership.



CLAVISTER AUTHENTICATOR:

One Time Passwords the smarter way

Clavister Authenticator is a mobile app that works on both Apple and Android phones. The best thing, it's super simple to use. It's so easy to use that it actually doesn't require the user to do anything. Once you start the app, it generates a new One Time Password (OTP) every 30 seconds. Even setting it up and preparing it to use is straightforward. Just initiate the setup and point it towards the QR code on your screen; it's ready to go. The Clavister Authenticator is free to download from Apple App Store and Google Play, and even better, there are no transactions costs either.

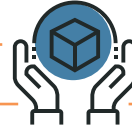


CLAVISTER SMS SERVICE:

One Time Passwords for everyone

The SMS service works on a bundle package: a far lower cost alternative to creating hard token system implementation and much easier to use. Even better, since everyone has their phone device with them, there's no risk of not having the hardware dongle with you. And with SMS working on all devices—feature phones as well as smart—the SMS option might be right for your needs.

FEATURES



BENEFITS

■ **SIMPLE SETUP**

Preparing the Clavister Authenticator mobile app for its first use is simple and straightforward. Once you initiated the the setup a "camera style" window appears, point it to the QR code on your computer screen and you are more or less already done.

■ **EASY TO USE**

Using Clavister Authenticator is super simple, in fact, the only thing you need to do is to start it. Once it's running it will generate a new One Time Password (OTP) every 30 seconds.

■ **FREE TO DOWNLOAD, FREE TO USE - NO HIDDEN COSTS**

Downloading Clavister Authenticator from Apple App Store and Google Play Store is free of charge, and so is using it. With Clavister Authenticator there are no hidden costs, just increased security at your fingertips.

FEATURES



BENEFITS

■ **DEPLOY AND ENJOY**

The SMS option is the easiest way to deploy Clavister MFA and deliver One Time Passwords as it doesn't require the user to download anything. A simple SMS code comes into the device and they use that. Dead easy.

■ **WORKS FOR EVERYONE, EVERYWHERE ON ANY PHONE**

While the Clavister Authenticator is an excellent solution, it requires a smart phone to operate. Many regions have a mix of feature and smart phones. For users with feature phones, the SMS option is the best solution to create strong authentication SOP.

■ **GUEST ARE WELCOME TO DROP BY ANY TIME**

The SMS service is a great choice when you want to invite your vendors, customers or consultants to your network. Simply add their number and stop worrying about uninvited guest making an entrance.

FEATURES



SPECIFICATIONS

CLAVISTER MFA SERVER

Self-Service Portal	Yes
Multiple One Time Password Delivery Methods	Yes
Customizable Authentication / Factors per user	Yes
Clavister InControl Integration	Yes
Built in authentication methods	Yes
OTP - Clavister Authenticator	Yes
OTP - Google Authenticator	Yes
OTP - Pre-Generated PIN Codes	Yes
OTP - Clavister SMS Service	Yes
OTP - 3:rd party hard-tokens	Based on OATH - HOTP / TOTP
User Repositories	Microsoft Active Directory
Scenarios Supported	VPN with Challenge/Response (Mac), VPN with Password + OTP (Windows)
Operating System Requirements	Microsoft Windows 2012 Server and later

CLAVISTER AUTHENTICATOR

Supported Platforms	Apple iOS, Android
Simple installation - First Use	Yes
Automatic OTP Generation	Yes

CLAVISTER SMS SERVICE

Fast SMS Delivery	Yes
Flash SMSes	Yes
Mixed Transparent and Routing Mode	Yes

About Clavister

Clavister (NASDAQ: CLAV) is a leading security provider for fixed, mobile and virtual network environments. Its award-winning solutions give enterprises, cloud service providers and telecoms operators the highest levels of protection against threats, with unmatched reliability. Clavister's performance in the security sector was recognized with the Product Quality Leadership Award from Frost & Sullivan. The company was founded in Sweden in 1997, with its solutions available globally through its network of channel partners. To learn more, visit www.clavister.com.

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