

SystoLOCK

A revolutionary authentication solution that improves security in Microsoft Windows environments

At a Glance

How does SystoLOCK improve authentication in Microsoft Windows environments?



SystoLOCK uses digital certificates and PKI to authenticate users and does not use passwords.

Why is SystoLOCK a global novelty in Active Directory environments?



SystoLOCK is the first and only MFA solution for Active Directory environments that does not require server-side modifications and protects all network logins, services, and protocols in one swoop.

Why is SystoLOCK simpler and less expensive than comparable solutions?



In contrast to expensive smartcards or elaborate special solutions, SystoLOCK is easy in administration and licensing. It uses only one license per user.

What is the advantage of SystoLOCK on the network level in terms of performance and Security?



SystoLOCK is the only MFA solution that supports network-level authentication with NLA, enabling RDP sessions to use the slimmer UDP protocol.

Strong Authentication for Microsoft Windows

SystoLOCK is a solution for true multifactor authentication

Without passwords

SystoLOCK provides strong protection for all login dialogs, services, and network protocols by eliminating Windows passwords completely from the network.

By using the native Windows PKI functionality, logging into Microsoft Windows-based environments with SystoLOCK is done without additional upstreaming.

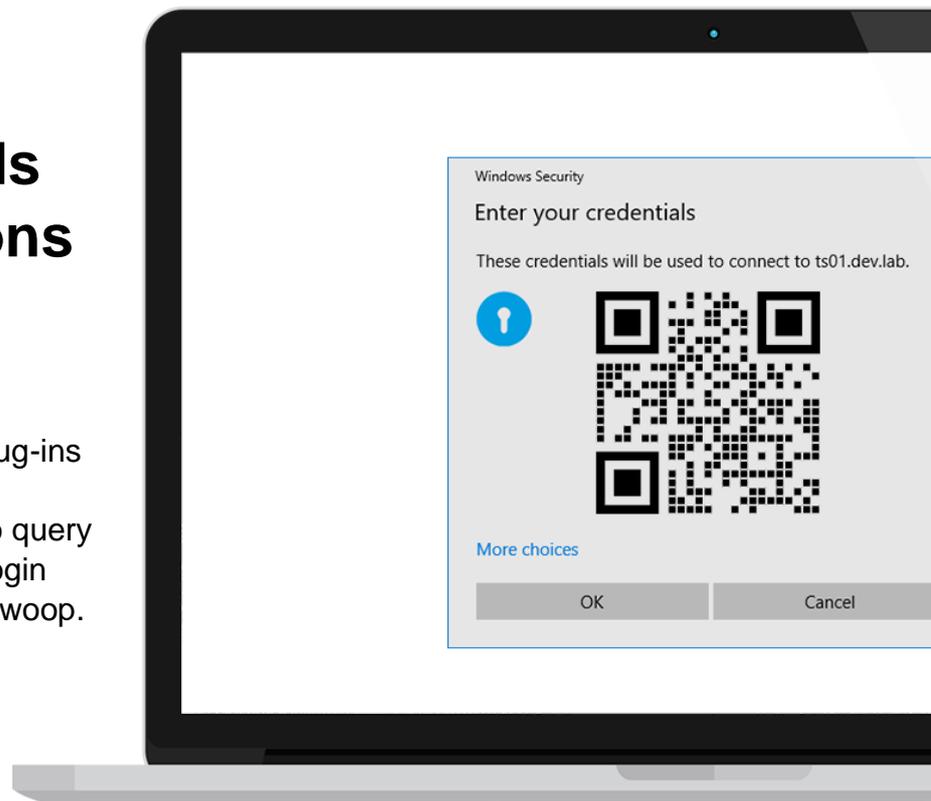
All digital certificates are managed on the server and are not saved on client devices.



This makes SystoLOCK a better alternative to smartcards

One-Time passwords and push notifications in login dialogs

Where other vendors rely on special plug-ins or add-on programs, SystoLOCK uses Microsoft Windows' own functionality to query the login data and protect all network login dialog, services, and protocols in one swoop.



SystoLOCK is New and Unique

SystoLOCK is the first and only MFA solution for Active Directory environments that does not require server-side modifications.

And still secures all login-dialogs, services and protocols.

Existing MFA solutions work with plug-ins, protecting only selective services while others remain vulnerable. Only SystoLOCK completely eliminates the Windows login password and minimizes administrative effort.

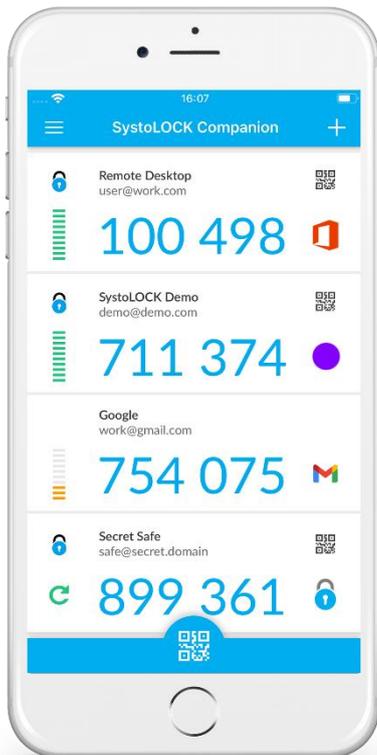
This basic difference - and completely embedding into the Windows environment - makes SystoLOCK truly unique.

There is
no password



SystoLOCK is a patent-pending solution for secure authentication

Secure authentication, your way



SystoLOCK Companion

A feature-rich mobile app with enhanced functionality that cuts sign-up time by hundreds.

Popular OTP Apps

Use your favourite apps to generate unique passwords. Always have your smartphone with you? Then that's the way to go!

OTP-Tokens

You want to keep them separated? Then use RFC-compliant token to generate unique passwords.

Mix'n'Match!

Or use both and stay flexible in any situation.

SystoLOCK is Universal and Native and offers total security

Users log in to all company resources using two factors – from login on their own PC over access to Exchange, Web and file servers to launching remote desktop sessions.

This way all available OTP apps and hardware tokens are supported.

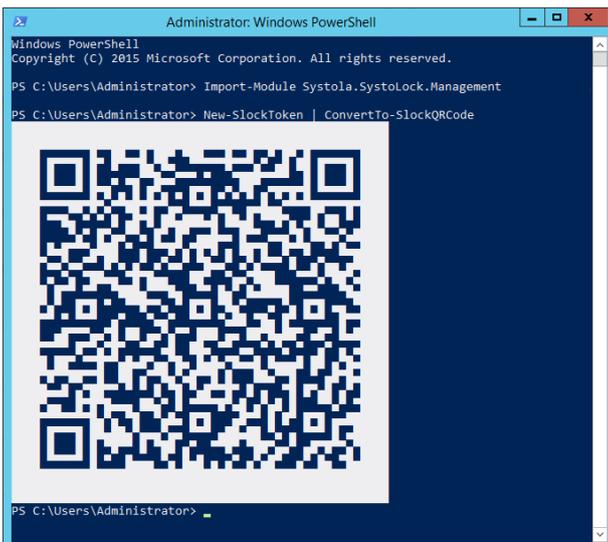
Unlike existing MFA solutions, SystoLOCK uses the native Windows PKI functionality and protects all login dialogs and protocols by default. SystoLOCK can be used wherever non-secure passwords or costly smartcards were once needed.

As a result, SystoLOCK is completely transparent to users and administrators, since no modification of the system or server structure is required to use SystoLOCK. In addition, SystoLOCK is RFC-compliant – an exception in the world of network Administration.

**Multipass?
One-Time Pass!**



SystoLOCK achieves maximum security with minimal effort



Administrators Love SystoLOCK.

SystoLOCK's unique and innovative technology uses system-specific functionality to achieve maximum security with minimal effort.

Even QR-Codes for token provisioning can be generated with PowerShell.

SystoLOCK Supports RDP over NLA and speaks Single Sign-On (SSO)

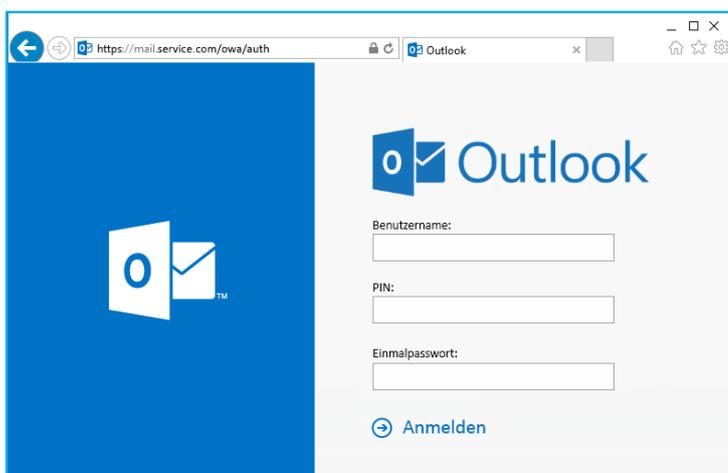
Here, other MFA solutions manage with a cumbersome multi-phase logon process or do without NLA.

SystoLOCK is the only MFA solution that supports network-level authentication with NLA. This allows RDP sessions to use the slimmer UDP protocol. The login is easy and secure and done in one step by OTP and PIN. Only then is the RDP session set up. Thus, the session host is reliably protected against denial-of-service attacks.

With SSO, users log in to their workspace only once. They can then access all computers and services they are locally authorized for without having to re-login each time. This means saving time while increasing security, like for example, by fewer phishing opportunities. It's also simple and clear.



SystoLOCK provides full support for one-time login with SSO



SystoLOCK can protect all applications.

Do you have an in-house application with special requirements? An easy task for SystoLOCK!

SystoLOCK is Security Made in Germany

As secure as it gets!

SystoLOCK is developed completely in Germany.

All processes and information are, of course, subject to German law and German regulations. This means high-level safety standards and legal certainty.

With its technical standards, SystoLOCK is definitely in the vanguard. It uses the newest protocols and algorithms, preventing any known vulnerabilities from a point of attack. Furthermore, all data transmissions are encrypted, rendering data phishing impossible and useless.



And when no passwords are used, they cannot be guessed or spied on

Fast and easy Installation

SystoLOCK is sleek, universal, and low-maintenance. It's the favourite of administrators - no plug-ins need to be installed or maintained later, and the server structure remains unmodified.

In addition, during staff changes the time-consuming setting up of smartcards for new users is a thing of the past!

This allows you to achieve maximum security with minimal effort – the less complex solution, the lower the risk of security gaps.



SystoLOCK is Cost-Efficient and is supported by BMWi

In contrast to expensive smartcards or elaborate special solutions, SystoLOCK is as simple it is inexpensive.

It uses only one license per user. There are no basic fees, no separate license for the server, nor any additional costs.

This makes this system's financing totally transparent and affordable. No smartcards and no readers need to be purchased, and since it takes almost zero effort from one's system no significant expense is generated.

Supported by:



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Die Initiative Mittelstand verleiht den INNOVATIONSPREIS-IT 2017 an besonders innovative IT-Lösungen mit hohem Nutzen für den Mittelstand. Die Fachjury zeichnet in dieser Kategorie mit dem Prädikat BEST OF 2017 aus:

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Das ausgezeichnete Produkt hat die Jury überzeugt und gehört zur Spitzengruppe des diesjährigen INNOVATIONSPREIS-IT. Die Initiative Mittelstand kürt damit besonders innovative Lösungen, die mittelständische Unternehmen fit für eine erfolgreiche digitale Zukunft machen. Schirmherr des INNOVATIONSPREIS-IT 2017 ist die Ratiodata GmbH.

Karlsruhe, im März 2017


Beate Helder
Geschäftsführung


Rainer Kölmel
Geschäftsführung

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SystoLOCK was awarded 'BEST OF 2017' title in the IT Security category by Initiative Mittelstand (SME Initiative).



Systo**LOCK** is a Product of **Systola GmbH**

Further Information is available at
www.systolock.de and www.systola.com

Write to us at info@systola.de

Call us at **+49 40 / 730 91 572**

Visit us at:
Am Güterbahnhof 8a
21035 Hamburg, Germany

SYSTOLA