SystoLOCK

IT Security for Hospitals of the Future

Why Systo**LOCK**?
An Introduction
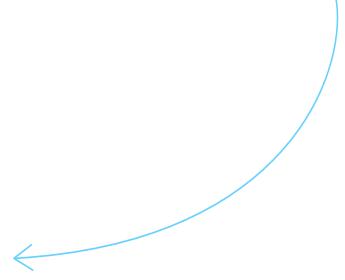
Digitalisation is fundamentally changing the healthcare sector. Hospitals in particular are faced with the challenge of ensuring IT security standards at the highest level while increasing efficiency in day-to-day operations. With **SystoLOCK**, an on-premises, cloud-independent security platform, Systola presents an innovative security solution that is specifically tailored to these requirements. This concept shows how **SystoLOCK** contributes to the optimisation of work processes, compliance with legal requirements and the use of subsidies.

Advantages of SystoLOCK

Focus on security and compliance

Highest safety standards for hospitals
SystoLOCK eliminates dependency on passwords through a novel and powerful multifactor authentication (MFA). The solution effectively protects against:

- **Phishing and social engineering:** Attacks are prevented by the combination of physical authentication methods and MFA.

- **Unauthorised data access:** Patient sensitive data is protected against preying eyes.

- **Insider threats:** Rights-based access controls minimise risks.

Seamless integration into existing local AD environments provides protection for:

- **Local and remote logins**
- **Remote Desktop Connections**
- **Networks and applications**

SystoLOCK is an on-premises platform, ensuring your independence from any cloud instances, while being compatible with other cloud services.

Support for compliance
Hospitals must comply with various legal regulations. They must also take "appropriate organisational and technical precautions" to ensure the "availability, integrity and confidentiality" of their information technology systems. To help with these tasks, **SystoLOCK** offers:

- Data security at the highest level: seamless login of all accesses

- Auditor-friendliness: clear verification options.

- Certification support: easier compliance with ISO 27001 and other standards.
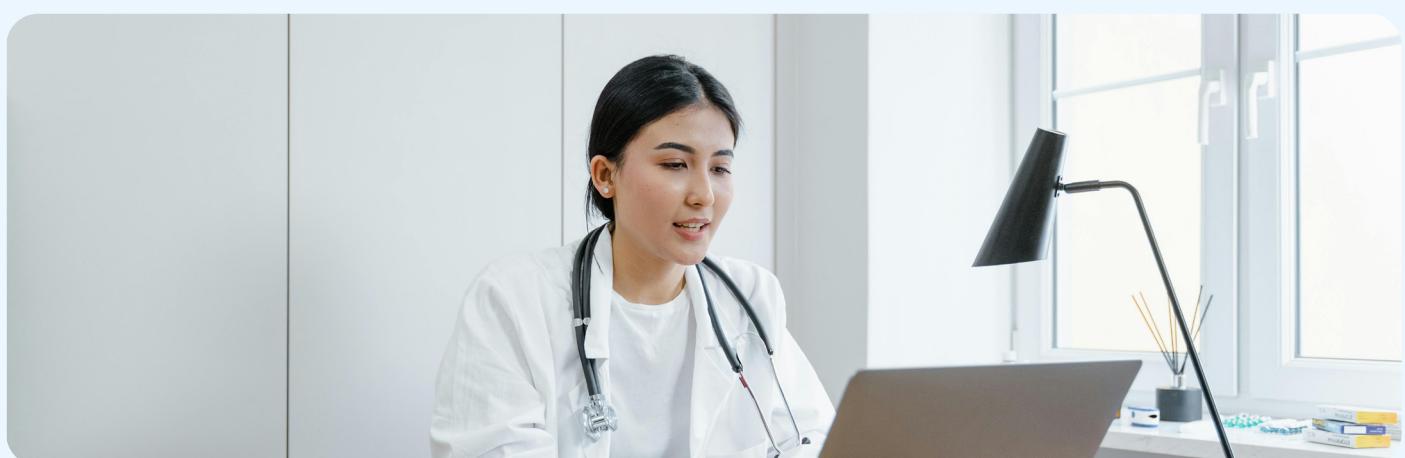
NFC cards and smartphones:
Efficiency and user-friendliness

Why NFC technology?
SystoLOCK enables the use of NFC-based employee ID cards and smartphones as an authentication medium.

- **Time saving:** Quick actions just by holding the card
- **Error reduction:** Avoidance of password entry errors
- **Increased security:** Combination of physical ID card and other protective measures such as PIN or biometric data

Especially in time-critical emergency situations, **SystoLOCK** supports everyday clinical practice with efficient workflows.

Integration of existing infrastructure
NFC ID cards that are already in use can continue to be used. This minimises implementation costs. **SystoLOCK** also enables precise differentiations for access control – ideal for the needs of different professional groups.

Promoting digitalisation
Support from the BAS

Why SystoLOCK meets the criteria for funding eligibility.
SystoLOCK is a prime example of an eligible project:

- **Security and efficiency:**
  processes are optimised, attacks are prevented.

- **Scalable:**
  Suitable for hospitals of any size.

- **Integrated into existing infrastructure:**
  Low implementation costs.

Objectives of the support measures
The Federal Office for Social Security (BAS) supports digitisation projects in hospitals with the aim of:

- organising work processes more efficiently

- improving IT security standards

- implement legal requirements

SystoLOCK and the Hospital Future Act (KHZG)
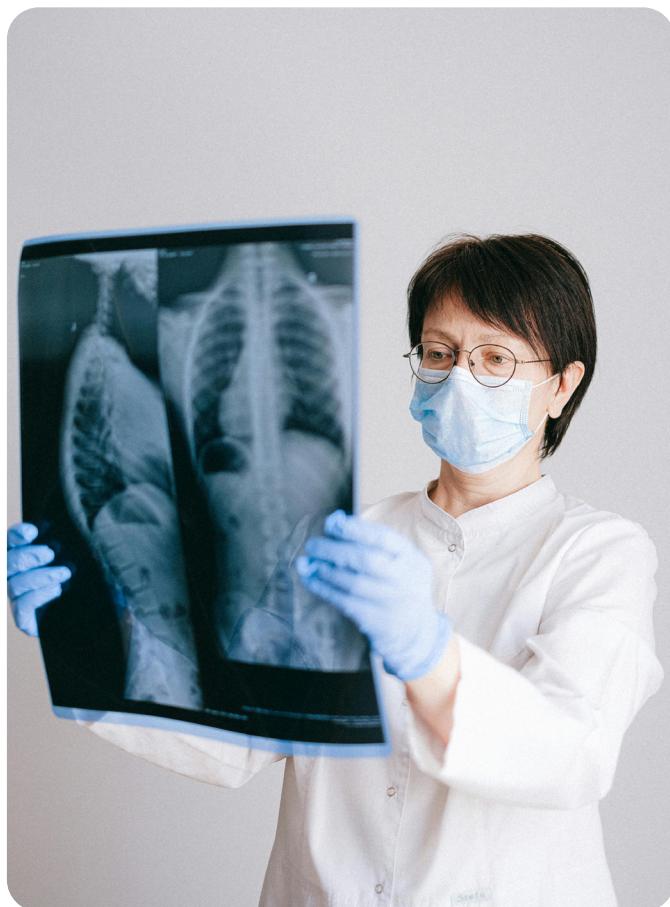
Eligibility for funding from the Hospital Future Fund

The purchase of **SystoLOCK** can be subsidised by the Hospital Future Fund, eligible measures include:

Hardware and software

Training for employees

Project planning and implementation.

A clear project plan with measurable objectives is essential for a success-ful funding application.

How SystoLOCK fulfils the requirements of the KHZG

The Hospital Future Act promotes investment in:

- **IT security:** Protection against cyberattacks and unauthorised access.
- **Digital processes:** Care and treatment documentation.
- **Interoperability:** Improving collaboration through digital networking.

SystoLOCK fulfils these requirements:

Increased IT security: password-free authentication and access controls

Optimisation of the IT infrastructure: ensuring smooth integration

Conclusion: Safety and efficiency as a competitive advantage

Enhancing security and digitalization in Healthcare

In addition to improving IT security, **SystoLOCK** contributes to more efficient work processes and better protection of sensitive patient data. Hospitals should seize the opportunity to take an important step towards digitalisation and future security with **SystoLOCK**.

Smart Security: investment in future

SystoLOCK offers hospitals an innovative solution that combines state-of-the-art IT security with suitability for everyday use. Thanks to the support of the KHZG and the BAS funding opportunities, hospitals can make the most of their investment in **SystoLOCK**.