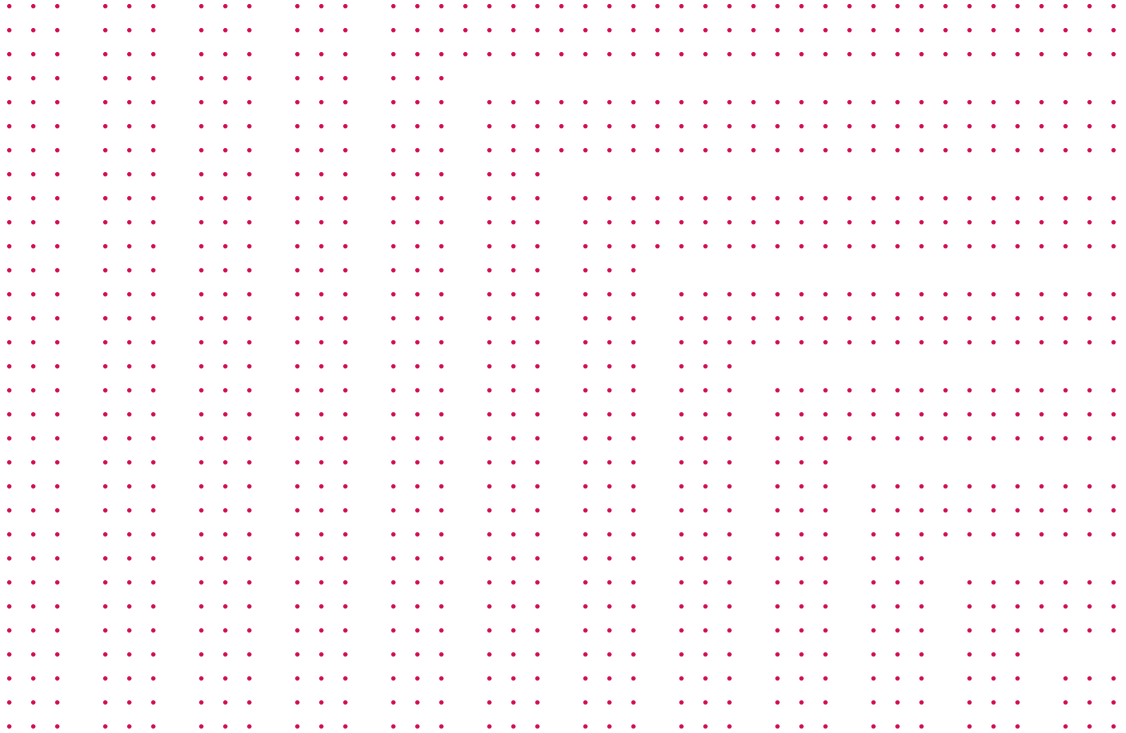




High assurance access control system - European edition

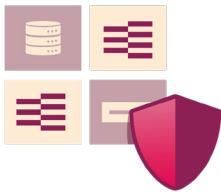
Enhanced end-to-end encryption by design



Genetec™ high assurance access control system is an offering designed to help you achieve the highest level of access control cybersecurity offered in the market today. Using enhanced end-to-end encryption, this architecture fortifies defences against the ever-evolving cybersecurity landscape and is designed to help you comply with stringent European cybersecurity regulations.

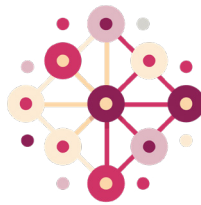
Overview

Genetec high assurance access control system provides added layers of encryption and increased security for credential authentication. It also combines the flexibility, scalability, and enterprise-grade features of Synergis™ access control system. This solution is designed to grow with you while also ensuring compliance with European regulatory guidelines for cybersecurity.



Enhanced cybersecurity by design

Get the highest level of protection for your deployment. Every component utilizes encrypted storage and secure data transfer, preventing cloning and data interception to safeguard your organization's sensitive data.



Flexible open architecture

Choose from a wide variety of supported access control hardware and technologies, or keep your existing devices and infrastructure. Use non-proprietary hardware based on OSDP or SSCP protocols, providing your organization with greater choice without compromising security, now and in the future.



Choose a deployment that works for you

Designed with flexibility at its core, select the deployment type that best suits your business needs – whether on-premises, cloud, or hybrid. As your needs evolve, you can transition between cloud or on-premises solutions, ensuring continuous alignment with your goals while maintaining robust security.

Key features of our high assurance access control system

- ✓ Achieve compliance with a solution that aligns with high cybersecurity standards
- ✓ Eliminate the risk of hacking or cloning using MIFARE DESFire smart card technology
- ✓ Enhance security at the reader level with readers operating in transparent mode
- ✓ Fortified protection of cryptographic secrets with Secure Access Module (SAM) support
- ✓ Secure I/O modules safely control access points with maximum data protection
- ✓ Ensure secure and encrypted bi-directional communication with SSCP and OSDP protocol support
- ✓ Manage all access control configurations from one central application with Synergis



Key features of Synergis

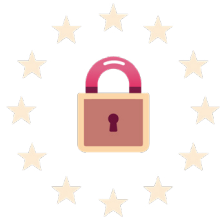
Genetec high assurance access control system also includes Synergis software, providing your security team with both enhanced protection and the enterprise-grade capabilities of Synergis, our access control software.

- ✓ Unify access control with video surveillance and other security systems
- ✓ Automate the response to threats of your security system with threat level management
- ✓ Benefit from global cardholder management
- ✓ Efficiently enroll visitors, assign access rights, and track their movements
- ✓ Issue cardholder and visitor ID badges
- ✓ Monitor security events on dynamic interactive maps and dashboards
- ✓ Obtain ease of mind with built-in failover and redundancy
- ✓ Synchronize your windows users with Security Center users and cardholders with Microsoft Active Directory (AD)
- ✓ Effectively manage elevator traffic with elevator destination dispatch
- ✓ Facilitate centralized monitoring of multi-site deployments with Federation™
- ✓ Get flexible deployment options for on-premises, cloud, or a hybrid mix
- ✓ Scale and get unmatched flexibility with a fully open architecture

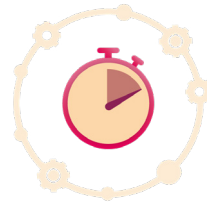


Potential benefits

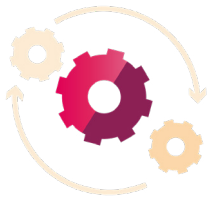
How will your organization benefit? Explore the wide range of advantages made possible with our high assurance access control system.



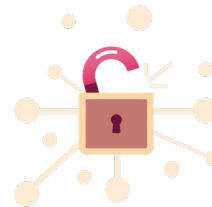
Implement a reliable and secure access control solution that aligns with European cybersecurity guidelines



Simplify operator training and reduce complexity with a single software application for all your access control settings



Deploy a scalable and flexible solution that adapts to your organization's evolving needs



Break away from proprietary systems and get access to the latest technology and with an open architecture

According to our **2024 State of Physical Security Report**, a concerning 31% of respondents in the physical security industry indicated that their organization was targeted by cybercriminals in 2023. Our high assurance access control system helps minimize the attack surface of your physical security deployment, protecting your organization against cyber threats.

Core components

Every component within this solution uses enhanced encrypted protocols and advanced cybersecurity capabilities to ensure a secure access control deployment. From the credential and reader to the controller and software, each component is secured to provide the utmost protection.

MIFARE DESFire smart cards	Get best-in-class security for credentials. This credential type operates at 13.56 MHz, providing secure communication to readers over the air
Transparent readers	Select from a variety of supported transparent readers. Readers operating in transparent mode don't store any sensitive information, minimizing the risk of data interception
Secure I/O module	Using secure bi-directional communication with the Synergis Cloud Link, our supported secure I/O modules provides a safe method for controlling entry and exit points without exposing any sensitive information beyond a secured perimeter
Synergis Cloud Link	Use an intelligent PoE-enabled IoT gateway that securely manages communication with credentials via transparent readers. It supports Secure Access Module (SAM) for secure management and storage of encryption keys
Synergis	Benefit from a unified, open, and cybersecure enterprise-grade access control software solution that delivers operational and security insights on your secured areas



Architecture

At Genetec, we are dedicated to creating cybersecure and resilient solutions with a strong emphasis on security and data protection. That's why every Genetec solution is secured end-to-end. Our high assurance access control system elevates cybersecurity to a new standard, offering your organization the highest level of access control security available in the market today.





Get on the path to cybersecurity compliance

Explore high assurance access control

Please note that our high assurance access control system is only available in Europe through Accredited Genetec Channel Partners.

Genetec Inc.
genetec.com/locations
info@genetec.com
@genetec



© Genetec Inc., 2025. Genetec, Synergis and the Genetec Logo are trademarks of Genetec Inc., and may be registered or pending registration in several jurisdictions. Other trademarks used in this document may be trademarks of the manufacturers or vendors of the respective products.