

Powered by NEC Biometrics

Biometric Access Control for Secure Environments

NEC Biometrics offers an industry-leading solution for access control in sensitive and secure environments. Utilizing our cutting-edge facial recognition and fingerprint authentication technologies, our system provides unmatched security and operational efficiency. This solution is ideally suited for organizations that require rigorous access control measures for buildings, zones, and restricted areas.

Challenge

Secure environments, such as data centers, governmental buildings, medical facilities, logistics buildings, R&D labs, and many more secure locations, face various challenges regarding access control. Traditional card-based systems are susceptible to cloning, sharing, or theft. PIN-based systems, while convenient, can be easily compromised. There is an immediate requirement for an unobtrusive yet highly secure system that integrates seamlessly with existing security infrastructure.

Solution

Our Biometric Access Control system combines NEC's advanced algorithms and machine learning capabilities to offer unparalleled accuracy and speed in identity verification. Easy to integrate with existing security systems, our solution replaces or augments traditional means of access control like cards and PINs. Access is granted based on unique biological traits, making unauthorized entry almost impossible.

Use Cases

Our Biometric Access Control system finds broad applications across various secure environments:

- **Facility Access:** Control who can enter and leave the facility through specific doors and entrances, ensuring only authorized personnel can access defined and customizable areas.
- **Restricted Zones:** Limit access to sensitive areas within the facility, such as data centers or high-security labs.
- **Visitor Management:** Streamline visitor authentication while maintaining high-security levels.
- **Time and Attendance:** Automatically log time of entry and exit for employees, doubling as an accurate timekeeping system.
- **Emergency Response:** Enable quick access for emergency responders while maintaining secure protocols.

Benefits

NEC's Biometric Access Control system offers unparalleled security and operational efficiency. It replaces vulnerable traditional access methods with highly accurate biometric verification, seamlessly integrating into existing infrastructures and various hardware options.

- **Unmatched Accuracy:** Our system offers highly accurate identification, virtually eliminating the risk of unauthorized access.
- **Seamless Integration:** Designed to blend effortlessly with existing security and IT infrastructure.
- **User-Friendly:** Eliminates the need for carrying access cards or remembering PINs, making the process more efficient.
- **Future-Proof Scalability and Customization:** The system is designed to adapt and scale with your growing business needs, offering modular architecture and customization options to match your organization's unique requirements.
- **Compliance:** Fully compliant with legal regulations, including GDPR and regional data protection laws.

Why NEC Biometrics

NEC's Biometric Access Control system sets a new standard in security measures. Earning top marks for speed and accuracy from the National Institute of Standards and Technology (NIST), our biometric algorithms are best-in-class.

Features like anti-spoofing and liveness detection add an extra layer of security. Our dedication to innovation is manifested in continual R&D investments to push the boundaries in biometrics and access control.

Conclusion

NEC Biometrics is revolutionizing the way secure environments manage access control. In a world where security breaches can be catastrophic, relying on biometrics is no longer optional—it's imperative. Choose NEC for state-of-the-art biometric solutions that offer unparalleled security and operational efficiency.

Contact Us

Ready to upgrade your access control systems? Contact our biometrics experts today for a customized solution.

For more information, please email us at digital_id@necam.com or visit <https://necam.com/digitalid> and complete our contact registration form.

Corporate Headquarters (Japan)

NEC Corporation
www.nec.com

North America (USA & Canada)

NEC Corporation of America
www.necam.com

NEC Software Solutions

NEC EMEA Region
www.necsws.com

APAC

NEC Asia Pacific Pte Ltd
sg.nec.com

Latin America

NEC Latin America
latam.necam.com

About NEC Corporation Of America: NEC Corporation of America (NEC) is a leader in the integration of IT and network technology that benefit business and people around the world. By utilizing the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of its customers. NEC brings over 120 years of expertise in technological innovation to empower people, organizations and society. NEC Corporation of America is a wholly-owned subsidiary of NEC Corporation, a global technology leader with a presence in 160 countries and \$25.2 billion in revenues.
www.necam.com.