

John Cockerill **Defense Sécurité**

Cockerill®Control access

Biometric analysis, an « on the move » innovative security management system solution



Biometric Access

Biometric Access is an "on-the-move" identification and access control solution based on facial recognition and behavioral biometrics.

Large industrial sites, factories, and other facilities face an increase in incoming flows of visitors, workers, and service providers. Specific areas must be reserved for authorized individuals based on their profile, permits, or qualifications.

With **Biometric Access**, the profiles of new arrivals are recorded during their initial visit, including their biometric data, and specific privileges are assigned to them. When they approach the entrance of a controlled area, individuals are seamlessly identified while moving, without relying on external identifiers such as cards, keys, or fingerprints.

Once a user is identified, their information can be used for various actions, such as opening a door, securing sensitive areas, or recording employee entries/exits.

This technology is utilized across a broad range of applications in various industries. It helps businesses to organize their resources and optimize productivity while creating a more pleasant user experience for employees and visitors.

This solution can also be integrated into existing systems.

Merger of technologies



► **Facial recognition**



► **Behavioral biometrics**

Additional sensors



► RFID



► QR Code



► NFC/BLE

Main features

- ▶ Rapid onboarding
- ▶ Use of standard hardware
- ▶ Anti-fraud
- ▶ Precise identification from a large database
- ▶ Integrable with major access control systems
- ▶ Continuous « on-the-move » access control systems
- ▶ Hands-free
- ▶ Non-invasive
- ▶ Management of multiple individuals simultaneously
- ▶ Real-time tracking solution for personal security



Technology

Biometric Access uses standard IP cameras combined with a unique "learning algorithm" for biometrics, including facial recognition and behavioral biometrics, to identify users accurately and efficiently.

With a precision rate of 99.97%, the system provides a non-invasive user experience: registered individuals are identified on the move as they approach a camera.

This solution can also prevent unregistered users from accessing a site or services.

An intuitive and easy-to-use application is available at any time on managers's smartphones, tablets, and desktop computers. It provides a powerful reporting tool, offering a real-time overview of staff's presences, along with biometric recording tools for creating new profiles.

Applications

- ▶ Monitoring sensitive industrial sites
- ▶ Industrial security
- ▶ Construction sites
- ▶ Large gatherings
- ▶ Compliance with safety standards



Construction sites

Biometric Access: Integrated management platform for construction site's security.

Biometric Access is a security management platform in the construction sector.

The platform is focused on obtaining all relevant security data from users, sensors, and any other connected equipment.



Datas are analyzed in real-time by intelligence, allowing the quantification of security indicators and providing control to decision-makers at all levels.

Thanks to our field-proven innovation and the vast amount of security data our solutions collect, we have the ability to design and develop predictive and preventive measures that will reduce the number of accidents and injuries at the workplace.



Containers for Access Control

The Biometric Access solution is also available in a specific configuration tailored for construction sites. One or more containers are placed at the entrances of the site and serve as ready-to-use, compact, all-in-one access gates. They include biometric cameras, turnstiles, and associated computers. This configuration has the advantage of being reconfigurable and movable to another site.

Each site can be equipped with multiple gates securing specific areas. The data server will make individuals' identification information available to each gate continuously. On a larger scale, a company with multiple sites receives synchronized data in real-time.



'Les nouvelles frontières de la sûreté,

**'The new frontiers of safety,
Security & sovereignty'**