

**I TEPHRA**

# access

Identify and control

## Access

Developed to meet the unique demands of a high security environment, where accurate identity is paramount. Tephra's Access solution confirms the identity and controls the movement of all individuals, as they enter and exit a building. It reinforces security by reliably verifying and authenticating people to ensure authorised access.

Tephra's Access solution offers multiple contact and contactless biometric options including:

Fingerprint	Hand geometry
Facial recognition	Iris

It provides a fast, accurate and secure way of controlling access to a facility and other critical areas within a building. For maximum security two-tier authorisation can be applied, integrating RFID and / or PIN.

A proven solution, Tephra Access has been successfully installed in some of the highest security establishments in Europe to meet the most complex security needs.

## Background

Prisons are characterised by frequent changes in population. The need to provide different access privileges to groups including staff and temporary visitors e.g. contractors, legal and government officials, makes identifying people entering and leaving a facility challenging.

Operational processes including checking ID, authorising movements and accounting for staff and visitors in the case of emergencies has resulted in duplication of work and a greater risk of human error.

Tephra Access offers a reliable, flexible and cost-effective way of controlling who has access to facilities and when that access is allowed.



## Features -

Access rules	Streamline security operations and manage access rights, privileges, zone locations and movements.
Card printing and image capture	Incorporates production of photo identification cards for staff, contractors and legal visitors.
Real-time access control and monitoring	Real time head count is provided as individuals enter or exit the site or move within predefined zones.
Multifactor authentication	Combines biometric, RFID and PIN to verify person's identity and validate access rights.
Audit and reporting	Provides a comprehensive audit and reporting capability for a holistic view of system deployment.

Access system alerts	Displays alarms for unauthorised access attempts or maximum people limit has been reached in a zone.
Centralised enrolment and user management	Captures and records staff and temporary visitors' details including biometric templates e.g. hand, fingerprint, face and iris.
Key Control	Integrates with key management systems, preventing individual exit from a facility or zone for failure of a secure key return.
Body temperature scanning	Integrates with Tephra's Temperature Screening to offer a contactless solution for identifying elevated temperature of people as they access an area.

## Enhanced security benefits -

Increases security	Prevents unauthorised individuals access to the site or other restricted areas within the facility.
Efficient staff deployment	Offers centralised management of multiple access points.
Improves safety	Mitigates against erroneous release.
Improves tracing	Helps to identify and trace an individual's movement, which doors were accessed and who else may have been in contact with relevant door.

Fully scalable	Built with flexibility to grow as requirements change. Supports single and multiple sites of all sizes.
Cost effective	Significantly improves the operational efficiency of administering access privileges.
Improves visitor flow	Speeds up visitor processing, staff and temporary visitors require only to be enrolled on first visit.
Greater accountability	Establishes accurate information about individuals' location down to zone level.

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