



# XAtl@s

## Access Control Software

At Axess TMC, we believe that the complexity of an organization is not directly related to its size. That is why we designed a single, modular and scalable, software application that thanks to its functional comprehensiveness and ease of use, is adaptable to both small size "singleapplication" settings and complex enterprise-class integrated systems.

### VERSATILE

A single modular SW application that is scalable in relation to the size of the company and the desired functions, making it possible to create:

- A single-application Access Control systems;
- An integrated security system, including Intrusion Detection and Video Surveillance applications for real-time supervision and monitoring of environment and people;
- A large security and time management system managing hundreds of terminals and doors in a system architecture perfectly compliant with corporate policies in terms of network security and data integrity.

To best fit the different needs of different users XAtl@s is available in three different versions:

#### C-XAtl@s

It is the "centralized" version. It can manage AXESS TMC Access Control and Time & Attendance terminals working in off-line or on-line mode. In the off-line mode terminals are initially configured by XAtl@s and then the terminals work in a completely autonomous way identifying cardholders, granting or denying access based on the configuration tables received by XAtl@s and storing the transactions in their memory. XAtl@s collects the stored transactions for further analysis or for Time & Attendance purposes.

When the system is in on-line mode and a card is read, the terminal sends a request for authorization to XAtl@s to perform "multi-terminal" controls like global anti pass-back or zone counters. The configuration tables received from XAtl@s are only used in this operating mode when XAtl@s is not accessible by the terminal due to LAN or server failures.

#### D-XAtl@s

The "distributed" XAtl@s improves the system functionalities, availability and performance by adding the Xpoint and Field Manager "field processors". Field Processors are devices able to manage, at the field level of the system, all the controls that the XAtl@s server performs in the centralized version. The Access Control system becomes "server independent" in managing multi-terminal controls and reaction to alarms. With D-XAtl@s is possible to manage complementary applications such as Intrusion Detection or Video Surveillance.

#### E-XAtl@s

While providing the same functionalities and performance of D-XAtl@s, the "enterprise" version of XAtl@s has been designed to fulfil the requirements of corporate policies in matter of Information and Communication Technology. Three tiers structure of central system (Front End, Application and database layer separation), access to a "policies server" for user authentication, DNS addressing of Field Processors, application cluster with load balancing are available in E-XAtl@s.

### Versions and configurations

	C-XAtl@s			D-XAtl@s			E-XAtl@s	
	Appliance	Linux	Windows	Appliance	Linux	Windows	Linux	Windows
PostgreSql	✓	✓	✓	✓	✓	✓	✓	✓
Oracle		✓	✓		✓	✓	✓	✓
MS-Sql Server			✓			✓		✓
Distributed intelligence				✓	✓	✓	✓	✓
Hot stand-by of two servers	✓	✓		✓	✓		✓	
Cluster configuration of servers with load balancing							✓	✓
Full three tiers and http communications							✓	✓
Users authentication on Policy Servers							✓	✓
DNS addressing of Field Processors							✓	✓



## Easy to install

The AXESS TMC software is easy to install and implement. When a dedicated server is required, all the software needed for operation of the system is installed on an appliance server ready for connection to the company network.

Just log on to any PC with a browser to start operating immediately. The software adaptability facilitates its installation on non-dedicated PCs and on industrial servers, even in cluster configuration. XAtl@s Software is always installed including all modules. To activate the various functions simply request an update of the installation software key.

## Multi-platform and multi-database

The communications, database, and operating systems utilized are all based on Information & Communication Technology Standards.

XAtl@s can interface with the most common databases on the market. It can be installed on PCs or servers with Windows or Linux operating systems.

## New Value added

The use of the software applications developed with WEB technology make it possible to reduce management costs: more information available to more users, simplifying the processes of communication, and eliminating hard copy requests, information and authorizations.

A specific software module manages the authorisation process workflow relative to Access Control of employees and visitors, streamlining the procedure and making it secure and traceable.

## Integration with an entire suite for HR management

AXESS TMC as part of the Zucchetti group, Italy's top organization in the development of applications for the management of Human Resources, ensures that its solutions in the area of Access Control and Security are absolutely unparalleled in terms of completeness and multi-application integration.

## SOFTWARE MODULES

### Access Control Module

The Access Control module provides the tools required for the identification of people, vehicles and control of the relative traffic flow. The module includes management of a highly detailed master data file of companies, "external" organizations, employees, and vehicles. In addition to a large number of available database fields, users can add additional custom fields without having to interrupt operation of the system.

A sophisticated, although straightforward, mechanism for the creation of access authorizations, an impressive set of functions for monitoring cardholders behaviour, and a range of analysis and reporting tools make XAtl@s the most comprehensive and functional Access Control system currently available on the market.

### Reception Module

A large proportion of the security aspect of an organization and its projected image depend on the efficient and secure management of visitors, who should feel welcomed in a safe and well organized environment.

The XAtl@s Reception Module assures both of these conditions thanks to its easy-to-use functions designed to simplify and streamline the work of reception personnel and eliminate the need for conventional paper documentation.

The Reception Module also includes a function for the management of temporary badges for employees.

### Security Module

The Security Module provides real-time presentation of alarms and dynamic synoptic screens that make it possible to monitor system status. This module is indispensable for companies in which security systems are constantly supervised.

The module offers all the classic functions of an integrated security system: "acknowledgement" and "acquisition" of alarms, operating instructions for surveillance or maintenance personnel, facility to enter explanatory notes, and automatic retrieval of synoptics from the alarms list.

### Video Surveillance Module

This module provides a shared graphic interface to keep the entire system under control. With this module, a single operator can easily retrieve recorded or live video footage from the alarms list or from the dynamic synoptic screens.

It is also possible to utilize video camera pan and tilt controls with a few clicks of the mouse, without having to go to a different workstation. Furthermore, the Video Surveillance Module enables the commands/alarms exchange among Access Control, Intrusion Detection and Video Surveillance, thus assuring a perfect interaction among the different security subsystems.

# SAP<sup>®</sup> Certified

## Integration with SAP Applications

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