



X ATLAS

Integrated Access Control, Security and Video Surveillance System

ZUCCHETTI AXESS believes 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 which, thanks to its functional comprehensiveness and ease of use, is appropriate for any environment, from small size and easy “single-application” settings to complex enterprise-class integrated systems.

SOFTWARE

Xatlas is a single **modular and scalable** platform managing an entire integrated system able to:

- **Control** access flows in buildings and areas protected by various types of users;
- **Detect** employees access, collecting and sending to human resources management systems, personal and Time and Attendance data;
- **Monitor** and **protect** enterprise buildings and assets.

Xatlas complies with the strictest policies in terms of security and data integration, ensures surveillance of hundreds of terminals and gaps and manages thousands of users holding any authorisation level. The architecture of Xatlas integrates more evolved hardware devices (terminals, controller, readers, video servers, etc.) and is capable of meeting any requirement in terms of access control, presence detection, anti-theft, TVCC.

AXESS TMC

a brand of Zucchetti Axess S.p.A

In order to fit clients' different needs, **Xatlas** has been produced in three versions!

C XATLAS

CENTRALISED VERSION

It can manage Zucchetti Axess access control and presence detection terminals by ethernet connection. All the devices refer to a single server.

D XATLAS

DISTRIBUTED VERSION

By adding Field Manager and XPoint, the access control system becomes **server independent** in managing multi-terminal controls and feedback to alarms due to Peer-to-Peer communication among various controllers. D-Xatlas also manages complementary applications such as Intrusion Detection and Video Surveillance.

E XATLAS

ENTERPRISE VERSION

It enhances the performances of D-Xatlas version, integrating functionalities such as the **three tiers** structure of the central system: Front End, Application and Database, access to **policies server** for user authentication and **DNS** addressing of field processors as well as load balancing of servers. Like D-Xatlas, it is capable of managing complementary applications such as Intrusion Detection, Video Surveillance and others.

MODULES and FUNCTIONS



ACCESS CONTROL

- data files of companies and external organisations;
- data files of employees, employees of external organisations and vehicles;
- biometric enrollment templates;
- operators profiles and visibility;
- automated feedback to events: server-side (e-mail, SMS);
- automated feedback to events: field-side (locking/unlocking of gaps, autoput engagement, etc.);
- black/grey list management.



SELF-RECEPTION

- VoIP communication;
- XPoint call station;
- PC receivers with direct call divert;
- integrated video;
- integrated gaps opening controls;
- gaps opening log file.



MEETING AND EVENTS

- event preparation;
- approving expected attendants;
- checking in unexpected attendants.



SECURITY

- alarm dynamic list with priority management;
- synoptic charts of the unit;
- events, operations and delivery transfer log;
- balanced access;
- connection to/disconnection from XPoint.



CERTIFIED INTERFACE PANELS

- Keywatcher® key cabinets;
- intrusion detection control panels of third parties (IEC 79/5);
- perimeter intrusion detection control panels;
- fire detection control panels of third parties.



SAP HR-PDC

- master data alignment;
- black/grey list management;
- range of terminals (Trax, Ultrax, SuperTrax, X1/X2, Field Device);
- integrated presence and access;
- 100% Zucchetti Know-How.

VERSIONS AND CONFIGURATIONS	C XATLAS			D XATLAS			E XATLAS	
	APPLIANCE	LINUX	WINDOWS	APPLIANCE	LINUX	WINDOWS	LINUX	WINDOWS
POSTGRESQL	✓	✓	✓	✓	✓	✓	✓	✓
ORACLE		✓	✓		✓	✓	✓	✓
MS-SQL SERVER			✓			✓		✓
DISTRIBUTED INTELLIGENCE				✓	✓	✓	✓	✓
HOT STAND BY	✓	✓		✓	✓		✓	
CLUSTER CONFIGURATION LOAD BALANCING APPLICATION							✓	✓
"THREE TIERS" ARCHITECTURE APPLICATION							✓	✓
USER AUTHENTICATION BY POLICY SERVERS							✓	✓
DEVICE ADDRESSING BY DNS							✓	✓

SAP® Certified
Integration with SAP Applications

MODULES and FUNCTIONS



VIDEO SURVEILLANCE

- automated pop-ups for alarms;
- transmission of automated preset commands;
- video camera footage control;
- automated retrieval of images from the archive of scores history;
- integrated reading of registration plates.



SAFETY

- integration with Zucchetti HR Safety (administrative safety management);
- access invalidation in the event of failure to meet legal security requirements;
- control of mandatory DPI presence to access special areas;
- control of time spent in special areas.



HOURS CALCULATOR

- calculation of attendance hours within the period set by the company/external organisation;
- calculation of hours for each and every employee / external employee;
- minimum daily attendance thresholds.



RECEPTION

- section of employees "available for visits";
- visits scheduling;
- visitor check-in / check-out;
- document scanning and printing of permits for employees and newcomers;
- temporary badges for employees;
- visiting report and granting of temporary badges;
- black/grey list management.



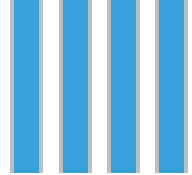
PREPARATION OF BADGES

- badge layout editor;
- layout allocation to users;
- badge encoding during printing
- badge reading and allocation during printing
- badge printing log file.



MECHATRONIC LOCKS

- wireless connection of doors mechatronic locks to the access control system;
- use of a single badge for attendance and access;
- on-line and real-time updating of access authorisations;
- support of main RFID standards: 125 KHz, Mifare, iClass, DES Fire.



WHY CHOOSE **XATLAS** FOR YOUR COMPANY

Easy installation

Xatlas is **easy to install and activate**. If a dedicated server is requested, the entire software needed for system operation, as well as the included database, may be supplied with a hardware architecture capable of meeting PMI requirements as well, because it is initialised and fully preconfigured in order to be connected to the company network and to be used directly by any **PC equipped with a browser**.

Xatlas may be installed on the most common software and hardware platforms with cluster configuration. The software adaptability enables in any case its installation anywhere, from non-dedicated PCs to high performance industrial servers even with **cluster** or **virtual** configuration.

Multi-platform and multi-database The communications, databases and operating systems used are all based on the highest Information & Communication Technology standards.

Moreover, Xatlas can be installed on industrial servers using the most common databases on the market (Postgres, Oracle, MSQl) to be installed on PCs or servers with Windows or Linux operating systems in the most common drives.

Opening to Outer World

Xatlas, by its Web Services presentation, enables custom applications, even if they are developed by the end user, to be interfaced natively with system DB in order to exchange information in data files and to interact with some field devices.

Integration with ZUCCHETTI HR Entire Suite

Xatlas is the only solution on the market able to manage a complete access control, Time&Attendance and work safety system, because it is integrated with Zucchetti HR suite.

Zucchetti Axess is part of the Zucchetti Group, with over than 2,500 employees, it is the first private Italian software company and among the first in Europe. The over 15,000 clients of Zucchetti human resources solutions are the recognition of quality and innovation of the Zucchetti HR suite on the market.



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