



impro®

### IXP400 Software

The following modules are available for the ImproNet Software:

- ImproNet Engine
- ImproNet Access
- Transaction Viewer
- Browser viewable WebReports
- Alarms
- Visitors
- QuickTag
- Graphics
- Card Designers
- CCTV
- Third party Time and Attendance

Modules can be installed on existing PC's within the company network for effective system monitoring and database administration from multiple locations. Each module has restricted user access to the database tables ensuring a high level of system security and integrity.

### ImproNet Key Features

Networkable via LAN/WAN using TCP/IP  
 SQL compatible open architecture client/server database.  
 ODBC and JDBC compliant.  
 Networkable via LAN/WAN using Internet (TCP/IP) connectivity.  
 Platform independent JAVA modules  
 Multi-language translation facility  
 Powerful Wizard for Web Reporting  
 System tree user-interface with drag and drop feature for programming and modifying system configuration  
 User-customised operator security facilities

### Tag Related Features

- Tag only or tag + PIN entry
- Duress Codes
- Multiple tags per user
- Tag access groups
- Tag counter functions
- Time limited access
- Tag suspension facility
- Tag location monitoring
- Time patterns
- Anti-passback control

### System Related Features

- Visitors and hosted Visitors
- Downloadable firmware
- Password control
- Holidays
- Audit trail
- On-line help
- Dual tag entry for high security
- Menus and data archiving
- Building management

### System Related Features

- Supervisor tag unlock
- Adjacent zoning
- Cross zone support
- Zone groupings
- Fully nested anti-passback zones
- Zone-based tag count

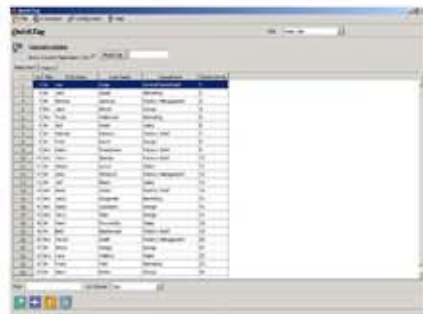
### IMPRONET ACCESS



### IMPRONET ENGINE



### QUICK TAG



CONTROL THROUGH FLEXIBILITY ...

# POWER THROUGH DESIGN... INTEGRATED ACCESS CONTROL

A variety of user friendly ImproNet Software Modules

Multi-layer graphical floorplan representation including alarm and transaction monitoring

Integrated badging module for card design and printing

Integrated Digital Video Recording (DVR) System

Flexible building management features

Networkable via LAN/WAN

Platform independent Java software modules capable of running on non-windows platforms

Up to 160,000 tagholders per site, supporting multiple sites with central database

Architecturally designed metal proximity readers

Long Range systems for parking control.



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# FLEXIBILITY ... INTEGRATED ACCESS CONTROL



**IXP400** is a multi-door enterprise access control solution designed to meet today's most demanding security requirements. The system uses the powerful ImproX AC Advanced Controller and the ImproNet Access Control Software Suite to control unlimited doors and up to 160,000 tagholders in a single building, with multiple buildings linked across a worldwide network. IXP400 features the latest security innovations including seamless integration with Impro's powerful Digital Video Recording (DVR) system providing visual verification, easier operation and enhanced cost-effectiveness with a single log-on ... the complete security environment organizations are looking for.

CCTV Cameras for Video Recording



Up to 64 controllers **64**

**FLOORPLAN GRAPHICS**  
with integration of Digital Video Recording

**ImproX Advanced Controller (AC)** controls up to 32 doors with full anti-passback (64 readers), plus 5 x O16 and 1 x I16 terminals used for Building Management. It has a built-in enrolment reader.

**ImproX Host Interface (HI)**  
Facilitates intercontroller communication for fully functional off-line operation



The **ImproX Twin Antenna Terminal (TT)** is designed to provide access control to one door in full anti-pass back mode, or two doors in relaxed anti-passback mode. The ImproX TT utilizes two Antenna Readers, two relays and four digital inputs to provide full control of any access application. The ImproX TT is able to interface into IXP200, 300 or 400 systems via the RS485 terminal bus connection.

Up to 64 terminals



- Flood Lights
- Air-conditioning
- Irrigation



- Low Pool Level
- Light Sensors
- Panic Button

**ImproX O16 and I16** Units are Output and Input Terminals that provide sixteen outputs or inputs respectively for use in building management.

The **ImproX Non-Keypad Antenna Readers** include a single tone Buzzer and a Status LED. The electronic components are potted. This enhances its resistance to vandalism or tampering.

**Integrated Digital Video Recording.**  
Impro's DVR system is an upgradeable, fully integrated digital video solution that adds flexibility to the IXP400 access control system.

- Up to 16 cameras per recorder.
- Continuous, event triggered and time-lapse modes.
- Data transfer over TCP/IP Network.
- JPEG image compression.
- Individual motion detection for each camera.
- Versatile retrieval and search utilities.
- Several playback modes.
- Image analysis and authentication tools.
- LAN/WAN viewing of alarms.

**Floor Plan Graphics.**  
An integrated building graphics module allows the user to view custom floor plans of their site. The module includes features such as:

- audible and visual alarm monitoring with optional realtime digital video viewing and personalised typed response alarm acknowledgement.
- Door transaction monitoring with stored tagholder image display.
- On-screen remote control (e.g. door open/close and emergency unlock).
- 'Search for tagholder' feature.



The **Graphics Designer** allows users to import floorplans, maps and images into the software. A drag-and-drop feature is used to add system icons to the floorplan. Multiple level floorplans are supported.

TERMINALS COMPATIBLE WITH THE IXP400 SYSTEM

**ImproX Extended Range Reader (ER)** is ideally suited for use as an access control terminal where extended read range is necessary.

**ImproX Portal Terminal (PT)** is a reader interface module as well as supporting 3<sup>rd</sup> party devices

**ImproX KHR**

**ImproX MHR**

**ImproX KR**

**ImproX MR**

**ImproX IR**

**ImproX UHR**

**ImproX KHA**

**ImproX TT**

**ImproX MA**

**ImproX MHA**

**BIOMETRIC READERS**

**BARCODE READERS**

**MAGSTRIPE READERS**

The ImproX InfraRed Vehicle Transmitter and receiver, and the ImproX Handheld Quad Transmitter and the ImproX RF UHR receiver that connects directly to the RS485 cable.