**Pro-Watch® Facility Manager**

**Alarm management system**

Alarm management system with new design.

Pro-Watch Facility Manager is a PC based management system, a technology specifically designed to meet high security, integration, workflows for integrators and end users.

Facility Manager manages and controls the following applications under one common interface:

- Intrusion
- Fire
- Video
- Access control
- Rescue route technology
- Escape door control
- Building management systems
- Public address and Voice evacuation
- Open Technology such as OPC and BACNET
- HTML, AutoCAD

Facility Manager sets new standards in functionality, flexibility and quality. The large installed base around the globe demonstrates its outstanding quality and high customer satisfaction.

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**PERFORMANCE FEATURES AT A GLANCE**

- Modular designed alarm management software for security
- Workflow management for security guards
- Comprehensive recording of events and operations
- Time programs/calendar function

- Visualization of messages
- Individual assignment of user rights
- Web-based generation of reports
- Default with integrated database

- Direct control of connected hardware in the network
- Integrated simulation functions
- Integration of video sequences possible

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**BENEFITS**

- Facility Manager adapts to customer processes
- Investment protection for existing components by easily integrating them into the Facility Manager eco-system
- Extend the system by adding the desired options to the existing license
- Unique in the market by displaying and interacting with 3D models
- Seamless integration with existing Third Party systems, and easy future additions
Humans are visual beings

The ability to visually assess communications enables rapid data processing and the implementation of prompt and target-oriented interactions.

In the area of highly sensitive security management, there is an urgent need to receive information in a visual format on the current status from all areas of the monitored systems.

With that in view, Facility Manager provides an innovative, user-friendly and easily customizable user interface with a wide range of standards functions, e.g.:

- Alarmstack
- Priority control
- Individual workflows and operations
- Macro functions enable automatic background processes without user intervention
- Flexible, window-oriented graphics
- Various types of user rights
- Connection of systems over standard PC interfaces, e.g. TCP/IP, serial port
- Open interface to various systems
- Connecting modules to Third Party products (control panels, video matrices, building management systems)
- Individual alarm handling and evaluation

Facility Manager can receive data from various networks, process them and then display in a customizable way:

- Graphics with dynamic symbols
- Tables
- Individual workflows (alarm programs)
- Print out on up to 10 printers per workplace
- Logging in database and file

Facility Manager data is stored in a protected, encoded database.

Facility Manager incorporates a global editing environment and a variety of predefined workflows.

Modular design for individual solutions

Thanks to its modular design, Facility Manager offers the appropriate solutions for every size of system and for every area of application. Ranging from Facility Manager standard package for single stations systems to multi-station systems with incorporation of various networks.

The Facility Manager software is designed modular and has several license options. The base for Facility Manager is the installation DVD. This DVD includes also a demo version.

The standard view

A special form of the graphic background window is the „Standard view“. Facility Manager can be displayed as a full screen or as a window on the desktop. The Facility Manager program separates the program window into several views. The program background can be customized accordingly to the customer specification. Facility Manager is enabled for „Multi-monitors“ usage and supports up to 4 monitors.

The alarm window

Every alarm workflow is executed in a separate window. The widgets are used to control the alarm program flow.

Up to 10 alarm programs can be processed simultaneously and independently. The alarm stack can cope with up to 1000 workflows that are sorted dynamically according to priority. The design and appearance of an alarm program is customizable and can be adapted to end customer processes.

3D integration as an option

The 3D option allows use of 3D models of the commonly used formats for improved display of alarm and status information.

An integration into the overview window as well as a separate display in a detailed view in case of an alarm is possible. The presentation of the model can be done as full view and as a detailed view depending on the requirements.

The 3D view allows an optimal three-dimensional visualization of the overall situation inside a building based on the respective user rights.
The graphics window
Enables the display of graphics in a graphic tree as well as the integration of active and dynamic graphics into a basic graphic. It is used to display symbols including dynamic display of detectors and system features. It allows the starting of macros or pop-up programs on left or right mouse clicks on a symbol. Display of “Quick Information” for graphic references and symbols.

The multiview window
Enables the display of up to 12 windows on a monitor. All windows are displayed in a split view next to each other and have the same size. Automatic zooming of graphics to fit to the size of the origin window is included. The example shows a window including a live video stream.

System configuration window
The “System configuration” contains functions for the configuration of networks, objects, I/O devices, types, alarm reasons, symbols, users, menu bars, printer settings and system settings. Based on the user rights only the appropriate configuration settings are displayed.

Pro-Watch Facility Manager

Additional features

- Free programmability
- Flexible, window-oriented graphics
- Display and location of detectors in graphics
- Display of actual situation
- Polygon graphic references
- Control of video matrices
- Start of other programs from Facility Manager
- High-performance programming language SIAS for customer-specific adaptation of internal processes
- Remote control via modem or ISDN possible
- Access to other databases via ODBC
- Honeywell systems can be integrated - ESSER, Gent, Notifier, XTRALIS, Galaxy Dimension
- Integration of VAPA-Systems VARIODYN D1
- Integration with Honeywell MAXPRO VMS, Fusion 4, HRDP, HeiTel, Milestone, Geutebrück and Dallmeier
- Integration of transmission devices DS 6750 (IP/PSTN) or DS 7700 (IP/ISDN) for direct connection to external systems
- Integration of IQVisitor for the management of visitor IDs in conjunction with IQMA
- Distance-time calculations in combination with IQMA
- Enhanced reporting and logging - generation of reports directly from Facility Manager, unlimited report period by back-up functionality as well as export and import of reports
- Compatible with 64 bit operating systems:
  - Windows Server 2008 (Foundation-Version not available)
  - Windows Server 2008 R2
  - Windows 7 (Home Edition not available)
  - Windows 8/8.1 (without RT)
  - Windows Server 2012 R2 (Foundation-Version not available)
  - Windows 10

- Notification module with the SMS, E-Mail, Voice Mail and Fax support
- ESPA 4.4.4 interface available
- High security failover functionality built in, with multiple redundancy
  - 2 nd PC with identical data in the network
  - 2 transmission paths
  - hot-standby redundancy
- Connection possibilities via open interfaces
  - OPC-Server / Client
  - BACnet-Server / Client
  - Facility Manager SDK
- Connection via Ethernet (TCP/IP) e.g. VdS IP network
- Connection to EIB and Modbus possible

Note:
To use specific features, necessary options need to be ordered.
Integrated systems offer many synergies:

You need less material, reduced installation time and they are easier to maintain. Therefore, they are standard in modern building technology.

Each system speaks its own language, has its own requirements and requires certain knowledge of the user. The all-encompassing, superior alarm management system Facility Manager understands and translates the information from all different types of systems.

It combines information under a common user interface and messages from the following systems:
- Fire and Intrusion
- Access Control
- Video Surveillance
- Building Automation
- Escape Route
- PAVA
- Building Management Systems (OPC or BACnet interfaces)
OPTIONS

OPTIONS
WM3010  Intrusion MB series
WM3110  Fire system Esser
WM3120  Fire system Gent
WM3130  Fire system Notifier
WM3140  VARIODYN D1
WM3200  Access Control IQ MultiAccess
WM3202  Access Control WIN-PAK
WM3220  DS6750/DS7700
WM3230  Nurse call
WM3240  DTS System
WM3250  Escape Route
WM3260  CMSI
WM3270  DEZ 9000
WM3280  HeiTel Video
WM3510  Geutebrück Video
WM3520  Dallmeier Video
WM3530  SeeTec Video
WM3540  Milestone Video
WM3550  Legacy Video systems
WM4010  Redundancy
WM4030  Multi Monitor
WM4040  Auto-CAD®
WM4110  3D Integration
WM4120  Notification
WM4130  Escalation

OPC AND BACNET
WM5100  Facility Manager OPC server
WM5200  Facility Manager OPC client
WM5300  OPC/BACnet 500 tags
WM5600  Facility Manager BACnet server
WM5700  Facility Manager BACnet client
WM5800  Software universal gateway for PC
WM6001  Facility Manager SDK

WINMAG DEVELOPER KIT
WM6001  Facility Manager option SDK
WM6002  Developer package Facility Manager

FACILITY MANAGER
WM1001  Facility Manager installation medium

BASE LICENSES FACILITY MANAGER
PWFM  Pro-Watch Facility Manager incl. 2000 datapoints, Pro-Watch, Galaxy and MaxPro VMS option

UPGRADE PACKAGE FACILITY MANAGER TO NEWEST VERSION
WM2310  Upgrade including 2,500 data points
WM2320  Upgrade including 10,000 data points
WM2330  Upgrade including 20,000 data points
WM2340  Upgrade including 50,000 data points

DATA POINT EXTENSIONS FOR BASE PACKAGE
WM2110  Additional 500 data points
WM2120  Additional 2,500 data points
WM2130  Additional 5,000 data points
WM2140  Additional 10,000 data points

CLIENT LICENSES
WM2200  Facility Manager client - single license
WM2210  Facility Manager client - license package, 5 pcs.
WM2220  Facility Manager client - license package, 10 pcs.
WM2230  Facility Manager client - license package, 25 pcs.

Further information
http://www.honeywellintegrated.com/

Honeywell Security and Fire
Böblinger Str 17
71101 Schönaich
Germany
Emaar Business Park, Building No. 2,
2nd Floor, Office 201
Sheikh Zayed Road
Post Office Box 232362
Dubai
United Arab Emirates
www.honeywell.com

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