These days the watchful observer needs to keep an eye on everything
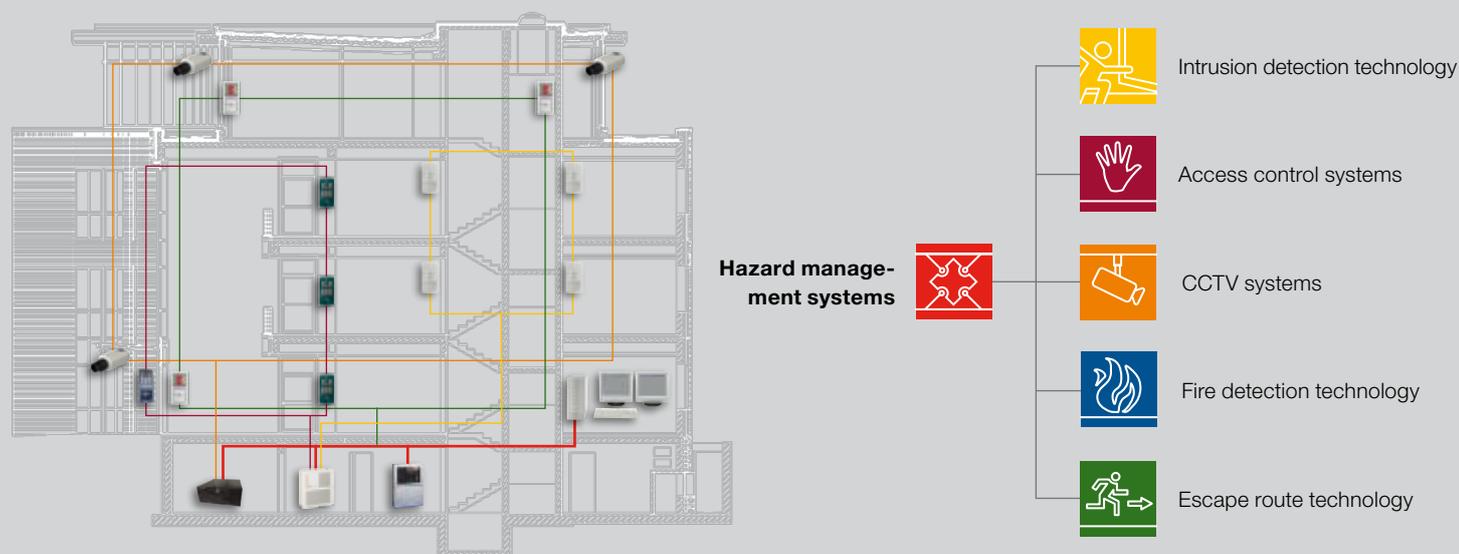
The WINMAGplus hazard management system

Software that keeps pace with progress

Technical advances in the field of security systems for buildings and the requirements of architects and planners have led to growth in both the number of different systems currently on the market and also their degree of complexity. This is just as true for banks, offices and industrial buildings as it is for shopping centres, museums and event venues. For this reason it is becoming a growing challenge to network or link all of these systems with one another. Not only in order to reduce costs when installing and to make worthwhile use of synergies during operation—the main reason is to make each of these systems simpler and better for the user to handle by means of centralised control and monitoring. In cases of emergency the user must be immediately capable of recognising what has actually taken place and where the alarm was set off, in order to evaluate the situation and initiate the appropriate measures. A user-friendly, intelligent hazard and building management system is called for—and WINMAGplus is the right answer.

When it's one for all, it's all in one

Hazard manage-
ment systems

Intrusion detection technology

Access control systems

CCTV systems

Fire detection technology

Escape route technology

Due to the great number of widely varying interfaces in most building installations, simply linking the various systems is often not an adequate solution. The cost of coordinating them is staggering, and the result is often quite disappointing. In addition to that, these systems also need to be updated in the course of later modernisation. Developed with interdisciplinary user knowledge, WINMAGplus effectively goes beyond the limitations of each of these systems. It combines all of the various products, systems and IT solutions in one single, integrated system. It creates a comprehensive solution resulting in performance far greater than the sum of its single parts:

• Intruder alarm systems
• Fire alarm systems
• Access control
• CCTV
• Building management
• Escape route technology
• In-house technology
• Lift controlling

Its modular architecture enables the installed system to be simply extended to include new functions as the need arises. It supports internationally recognised standard protocols and can be linked with a wide range of varying subsystems and networks. Its spectrum of applications ranges all the way from local configurations to geographically distributed client-server installations.

Both the configuration and the user-specific adaptation and graphical capabilities have been greatly enhanced. Configuration data can be changed quickly, simply and cost-effectively during run-time.

Due to its ability to integrate the entire building and hazard management system, WINMAGplus helps you save on investment and running costs, enables new functions and security links, and significantly raises both speed and efficiency. However, the greatest thing about WINMAGplus is its unrestricted user-friendliness: its simple, easy-to-use, safe operation.

From improved visualisation to process

WINMAGplus helps you keep a better eye on everything—including the costs. Its open system architecture and free programmability enables WINMAGplus to offer users a convincing range of applications. Companies profit from perceptible time and cost savings and a greatly improved level of security.

The future-proof .NET technology provides extended multi-station capability: up to four monitors ensure users a maximum of ergonomics and an excellent overview. There are crucial benefits for the user: ground plans, CCTV pictures, text information and event reports can be displayed simultaneously and clearly in up to 48 graphic windows. In case of danger the system immediately provides the user with all essential information and functions at a glance—in order to make well-founded decisions and initiate countermeasures if the need arises.
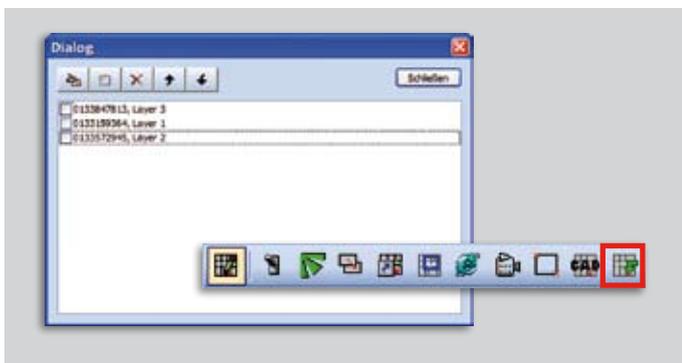
New features at a glance:

- Multi-monitor operation
- Improved import of AutoCAD® graphics
- Graphic zoom with 100x magnification
- Graphic layering
- Increased multi-station options
- Increased user options
- Metadata (indicator of alarms per detector)
- Plug-in interface for linking to third-party applications and databases
- OPC extensions
- Print/pressure adaptations

The system that creates synergies

Above all, user-friendly technology must be straightforward. And that is why WINMAGplus offers users a further benefit: the integration of various systems and security systems in one standardised desktop. This enables the user to operate and observe each of the systems more quickly, simply and easily. In addition, the various systems are able to communicate with each other: an event taking place in one system could possibly induce a reaction in another. When hazard reports are received, they are displayed individually. Entirely depending on the user's wishes, the reports can be visualised as text, as graphic symbols, tables or a mixture of these. Furthermore, browser technologies make it possible to integrate existing detailed information online. This enables events to be quickly and precisely localised.

optimisation

Overlay graphics for additional information

With the help of a picture overlay feature, overlay graphics can be superimposed over existing ground plans, thus making it possible to visualise several levels simultaneously. And here is another feature that represents a real benefit to users: in case of alarm the various picture layers, escape plans for example, are shown that match the current situation. The additional information enables the user to make better-informed decisions and initiate countermeasures more efficiently.
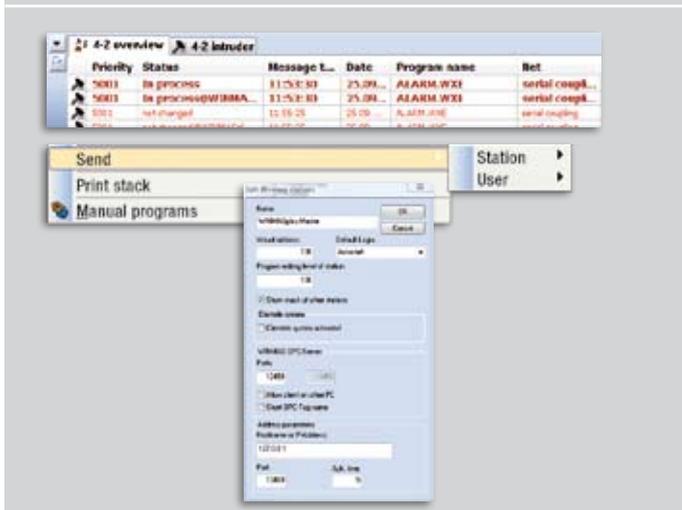

Importing AutoCAD® files for a better overview

WINMAGplus enables the user to import AutoCAD® graphics. This saves an incredible amount of time otherwise spent on importing layout plans and building plans. Even the most complex of buildings can be clearly and simply displayed, usually by means of their ground plans. In doing this, the software supports the presentation of dynamic structure levels and so helps the user to create multi-zone building plans. This in turn guarantees the monitoring of the various characteristics at different levels in real time.

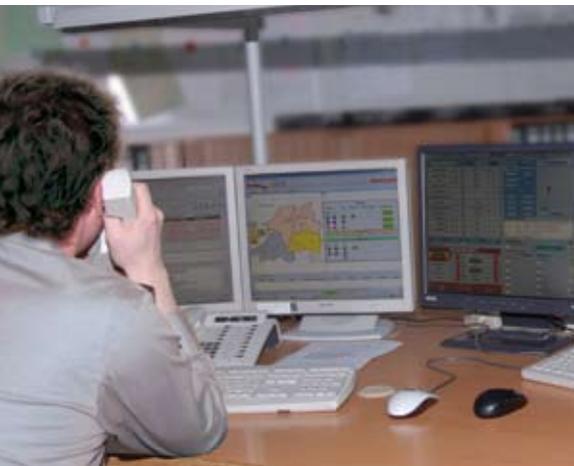### Graphic zoom for higher precision

A 100x graphic zoom has numerous benefits. When importing CAD graphics, all symbols for security technology components contained within it are automatically taken over. This enables symbols and alarms to be placed with absolute precision. The function helps to save time otherwise spent entering data twice and therefore a great deal of cost. Apart from that it avoids transmission errors, for example when preparing the mandatory fire brigade route cards.

Batch processing for greater efficiency

The wide-ranging multi-station expansion capabilities are an important factor in optimising processes in the user's daily work. For instance, various tasks can be distributed within the multi-station system using the alarm batch processing facility. Each separate computer can display the batch entries of other workstations and either carry them out or relocate them. The night porter, for example, has the capability to transfer the servicing of a low-priority technical alarm directly to the technical department for the following day.

Unlimited communication

Has everything—except system requirements

Apart from numerous other advantages, the integration of .NET technology allows the user unlimited communication without the need for special system requirements—Windows XP Professional is fully sufficient. This makes it possible to exchange data between all kinds of different platforms and programming languages or to integrate program extensions via the .NET plug-in interface. An additional benefit for the user: the OPC, BACnet and ESPA interfaces. They serve to integrate appliances and applications of various manufacturers in the system, and thereby make it possible to visualise subsystems and networks such as air conditioning, ventilation and sunblind systems.

Even the small version can do great things

WINMAGplus is a scalable software solution that can be customised to suit specific requirements. It is also suitable for very large, complex systems with over 1,000 control units. For use in smaller buildings, however, the solution is also available in a scaled-down, inexpensive Lite version. WINMAG Lite enables the user to monitor single control units and visualise all the essential functions of a single fire, burglary or access control system. In terms of data structure the two versions are identical, making it a simple matter to switch to the WINMAGplus version at a later date. The following list shows a direct comparison of the two programs in order to decide whether WINMAG Lite is sufficient or whether WINMAGplus should be utilised.

	WINMAG Lite	WINMAGplus
Alarm points per building	500	32,000
Alarm processing	None	Yes
Operator	Three predefined, redefinable	Unlimited, freely definable
Alarm display	Counter and pop-ups with individual texts	Like WINMAG Lite alarm programs with alarm processing
Alarm criteria	Predefined	Configurable
Graphic	Like WINMAGplus, but without • multi-monitor operation • AutoCAD®	Several formats, such as • BMP, JPG, PNG, EMF, WMF • AutoCAD® integration
Supported monitors	2	4 from 8 (optional)
Number of graphics simultaneously displayable	13	48
Symbol activities	Predefined list	Configurable, with own functions
Clients	No	Yes

Honeywell Security—service with a system

Whether for developing integrated security concepts or for bespoke solutions tailored to suit your needs—Honeywell Solutions is always at your service with a competent team of experts for Integrated Security Solutions to make sure you can make optimal use of all possibilities. Do you have ideas or suggestions of your own regarding expansion? Let us know what your requirements are and we will react quickly to include them in the further development of our products. We will support you in realising large-scale integrated projects and industry solutions as well as in their application. And when it comes to tendering, Honeywell Security is there to actively help you achieve your objectives. We understand your requirements and are ready to advise you in various languages.

We will also be happy to advise you on-site at your place of business.

Our services at a glance

- Project support
- Industry-specific solutions
- Application development
- Quick reaction to customer requirements

Customers

ISS

Integrated Security Solutions

Sales

Training

Development

AWT

Your specialist:

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Art. No. 097071.GB
September 2008
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