


# i.search

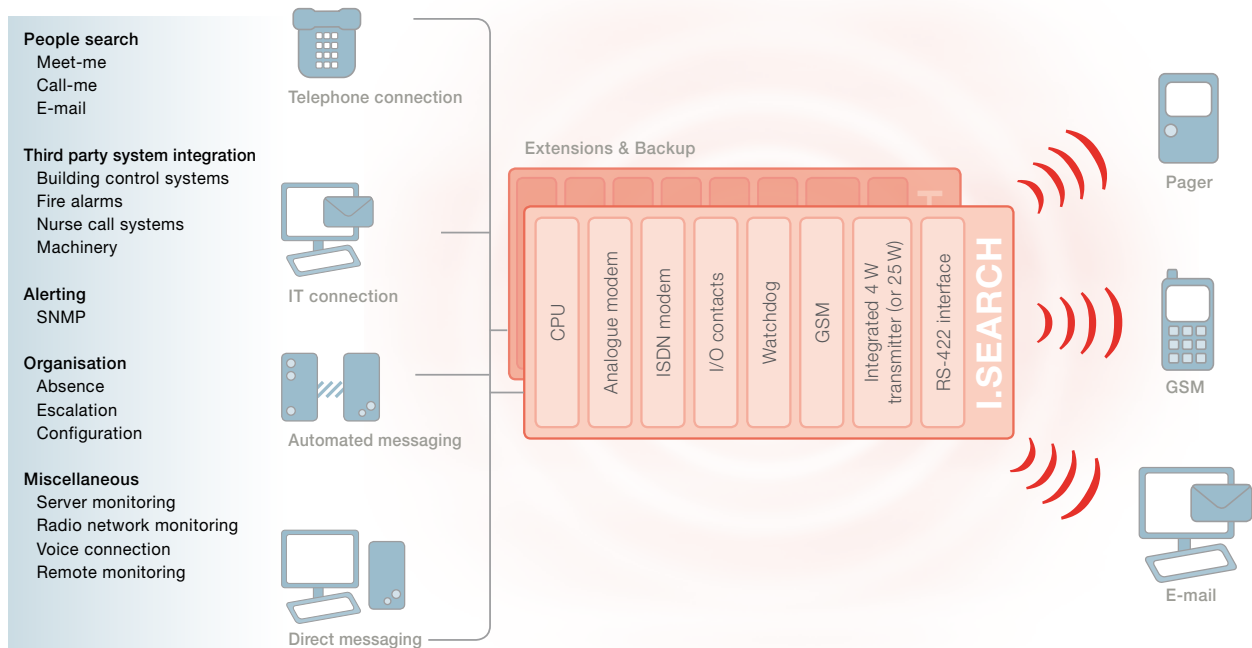
 Power

 Transmit

The modular system  
for communication,  
alerting and people search



# I.SEARCH at a glance



## Overview of modules

### CPU

The basic module consists of an embedded computer, which controls **all software modules** and provides **LAN and serial interfaces**.

### Transmitter and synch modules

The transmitter module allows **messages to be transmitted onsite by way of paging**. Typically the integrated 4 W transmitter\* provides radio coverage for an entire building; however, I.SEARCH systems can be linked together according to company needs. Transmitters can also be customized. For special circumstance modules can be combined with a 25 W transmitter (or 100 W) to accommodate transmission requirements.

\*Maximum transmitting power subject to country regulation.

### GSM

GSM modules facilitate **SMS** to mobile phones and other compatible receivers.

### I/O

I/O modules detect technical alarms and control outputs.

### ISDN

Up to two modems allow simultaneous remote maintenance and connection to further services (such as IMASYS/paging centre from Swissphone)

### Analogue

The analogue modem adds **DTMF** operating options to the I.SEARCH system.

### Watchdog

Watchdog modules **monitor** I.SEARCH hardware.

### RS-422

One I.SEARCH system can control up to forty 'I.SITE' (remote I.SEARCH) transmitter units resulting in synchronised radio transmission.

### Special features:

#### Multi charger

Compatible with DE900 series and absence management system

#### Encryption

Encryption increases security.

#### SNMP

SNMP monitors IT infrastructure and allows integration into IT management system.



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## search

Locating dispatched personnel is a daily challenge. When faced with these obstacles I.SEARCH becomes an essential people search system, searching and alerting the men and women in need.

**Call-me** and **meet-me** messages, sent by PABX, quickly alert team members unavailable at their workstations. **Direct messaging** can be sent from any PC via a web browser without any software installation.

> *I.SEARCH features convenient mobile people searching via PC browser, telephone and automatic search.*

## connect

### Easy Integration

Ethernet networks (LAN) make I.SEARCH integration easy whether simple entry, complex PLC, or building control systems.

### Customization

Options include serial interfaces and I/O modules. I/O modules control door/gate openers, sirens, etc.

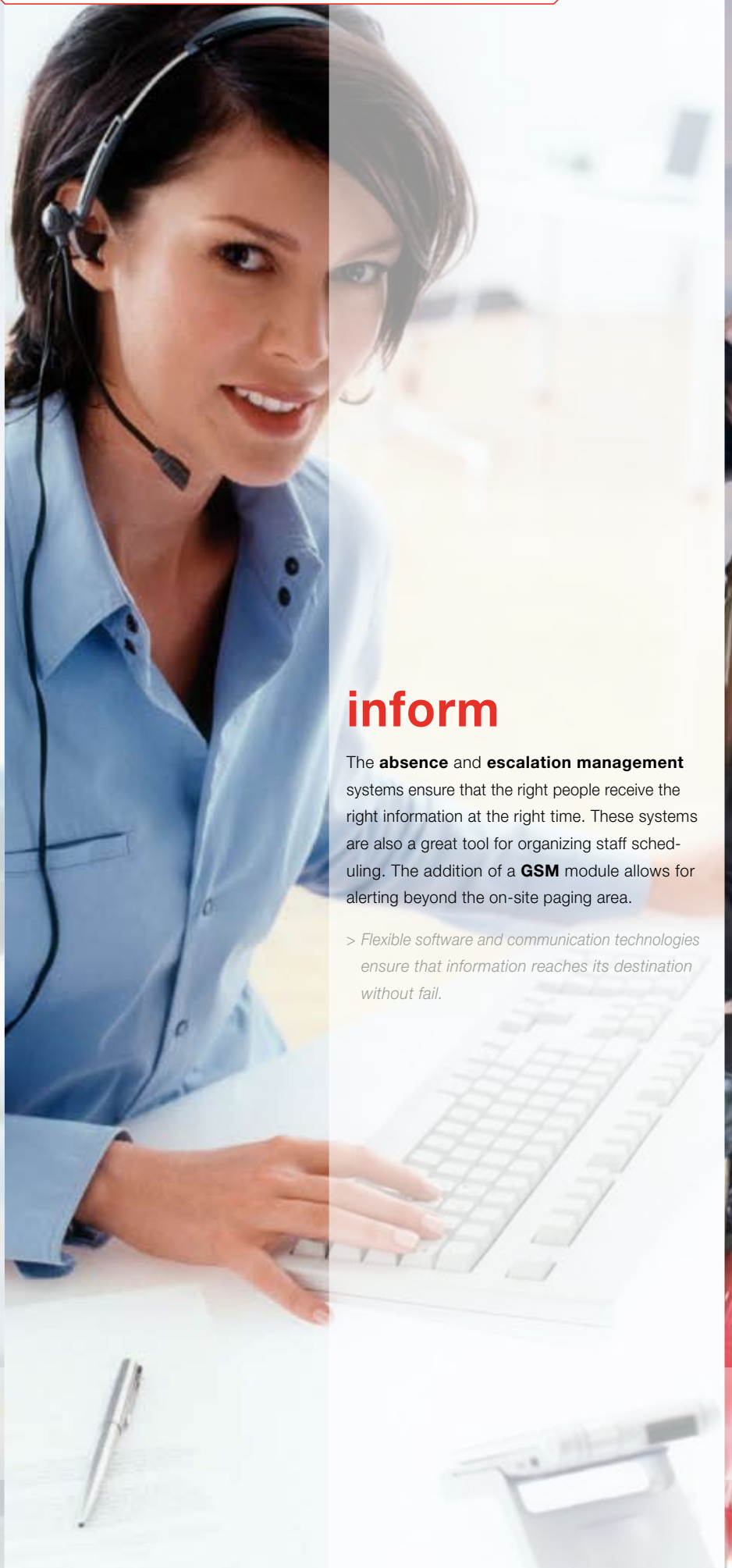
### Combination/Extended Radio Coverage

I.SEARCH systems can be interconnected through Ethernet and serial interfaces creating extended radio coverage.

### Multiple Receivers

Standard pagers, GSM mobile phones, mailboxes, etc. function as receivers depending on applications used.

> I.SEARCH is compatible with most common input and output connections.



## inform

The **absence** and **escalation management** systems ensure that the right people receive the right information at the right time. These systems are also a great tool for organizing staff scheduling. The addition of a **GSM** module allows for alerting beyond the on-site paging area.

> Flexible software and communication technologies ensure that information reaches its destination without fail.



## alert

**Automatic alerting** is a fundamental function of I.SEARCH. When combined with **'dynamic grouping'** the right people are alerted at the right time.

The redundant paging system offers several back-up channels. If one paging route fails the system will try alternative channels to make sure the receiver is alerted. With its redundant paging system, I.SEARCH is a fail-proof alert system.

*> I.SEARCH provides fast and redundant alerting possible.*



## monitor

PLC and serve monitoring prevent system and production failures by alerting personnel of any malfunctions before reaching a critical state. The ISDN facilitates remote monitoring.

*> I.SEARCH ensures that individual system units are continuously monitored.*

WD2000



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GSM



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