informoip

THE SYSTEM THAT INFORMS, ORGANISES AND COORDINATES STAFF

ALARMS → NOTIFICATIONS

WHAT IS IT?

A multi–device and multi–access web platform to inform, organise and coordinate all mobile workers in real time. A server with a web interface capable of receiving, aggregating, recognising and managing any type of alarm and relaying it to portable devices. Through the native IP connection, the input devices (i.e. alarms) generate notifications to the fixed or mobile output devices (i.e. phones or displays).

It maintain and provide a complete summary of events, detailing the users involved and the relative timings.

An intelligent server able to centralise and manage devices whose functionality is enabled through the appropriate licences, making the system expandable and upgradeable to meet any requirements not initially planned for.

MARKETS

Healthcare
Room calls, nurse calls, staff coordination, technical alarms (e.g. medical gases)

Industry
End of production process notification, "man down" detection, temperature sensors (Modbus), fire prevention (Notifier®), management of emergency teams

Logistics
Handling entry/exit of vehicles and loading/unloading of goods, call buttons, web signalling from applications, evacuation in case of fire/hazard

Hospitality
Calls and management of service staff, telephone calls, communication to and from different locations (e.g. bar and kitchen)

WHAT IT DOES

Intercepts alerts from multiple sources such as:
- Nurse call systems and room alerts via ESPA 4.4.4
- Buttons, dry contact alarms and technical alarms
- Fire control panels via RS232 (e.g. Notifier®), PLC and Modbus devices
- Telephone calls from operators and messages from web or applications
- OPENARMS API for connection with external systems
- "Man down" detection devices (from PPE such as DECT® phones and DMR radios)

And relays them with notifications on any portable device such as:
- Smartphones: SMS, Talk App (dedicated Android® apps), Telegram®, email
- DECT® phones and Two–Way Radios: SMS, text-to-speech message
- Telephone extensions: text-to-speech message
- Information panels: variable messages (control room and event notification)
- Pager: text message with selectable alert

WHAT IT SOLVES

Enables automatic and scheduled notification to personnel on mobile devices. Automatically recognises devices connected on the network and also allows non–digital devices to be connected through dedicated hardware interfaces.

Through the integrated web interface, the system can be easily set–up or used by any authorised user connected to the network.

Helps to maintain constant and active communication, avoiding manual controls or actions while automating processes.
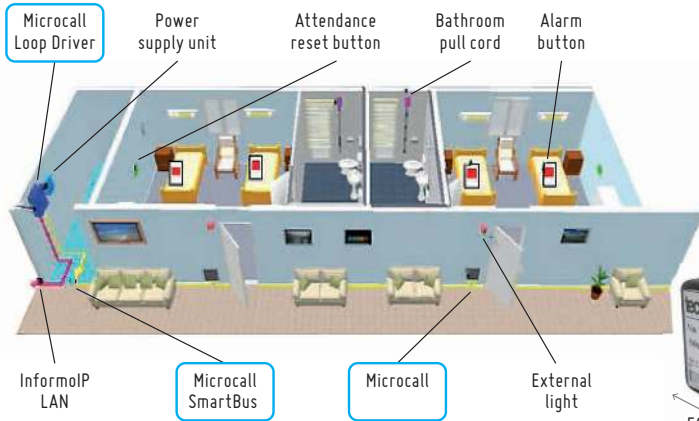
It allows you to view, download or send detailed reports on events: key to process control and to provide evidence of any notifications and alarms if feedback is required.

Key to inform, organise and coordinate each mobile worker in real time: ideal on healthcare environments, multisite structures, industry and logistics.

MICROCALL

The smart alarm call system

Microcall Loop Driver · Power supply unit · Attendance reset button · Bathroom pull cord · Alarm button

InformoIP LAN · Microcall SmartBus · Microcall · External light

35 mm
50 mm
15 mm

MICROCALL is a system that allows you to receive alarm signals from existing devices or switches, without changing the existing infrastructure, and to manage the various states (alarm, attendance, panic).

It allows you to detect any type of local contact (head of bed keyboards, buttons, bathroom pull cords, etc.) and automatically manages resetting or escalation. Its architecture allows several rooms to be connected through a single communication and power bus (SmartBus) using one CAT 5/6 cable.

Each MICROCALL device controls a light outside the door, has an internal buzzer (can be activated or switched off) and allows you to manage an external buzzer.

Microcall can manage:
- 2 outputs
- 3 alarm inputs
- reset input

Up to 30 devices connected in parallel can be handled through a single SmartBus. Microcall's compact dimensions (35x50x15 mm) mean it can be installed within standard sized internal and external flush-mounted boxes.

TALK SMART

The customisable web interface

TALK SMART is an optional licence of INFORMO IP system and allows users to create their own personalised web page to interact with the system and monitor the various events that have occurred.

Services and messages to connected devices can be activated using the web interface, as well as real-time display of alarms and notifications.

TALK SMART customises functionalities and the related management as it is a service uniquely tailored to the customer.

The web page can be accessed through a standard web browser, ensuring optimal navigation on mobile devices as well (web responsive).

MAN DOWN & DECTS

"Man down" detection and native interface with DECT devices

INFORMO IP manages and communicates with existing telephony systems. It allows you to forward notifications in text-to-speech format to any internal landline or DECT phone.
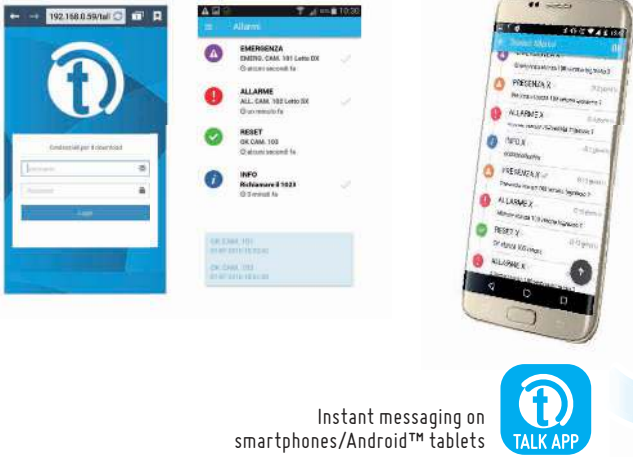
It can be used as Personal Protective Equipment (PPE) by structures that are required to equip lone workers with the necessary safety devices.

Through the adoption of DECT Spectralink™ devices with the "Man Down" function, the INFORMO IP system is able to alert rescue services in the event of a fall due to illness or injury: receiving and interpreting the man down alarm status – device pulled off, running or manual activation – and subsequently routing the alert, indicating the area where the worker is located. The interface is native and integrated with Spectralink™ DECT systems, allowing you to transmit text messages (SMS) to all portable devices within the infrastructure.

spectralink certified

TALK APP

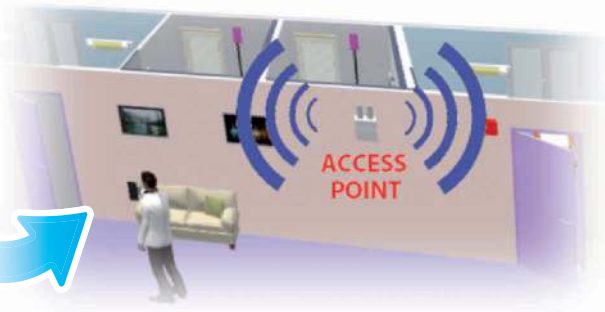### The Android app that notifies, informs and detects

Instant messaging on
smartphones/Android™ tablets
TALK APP

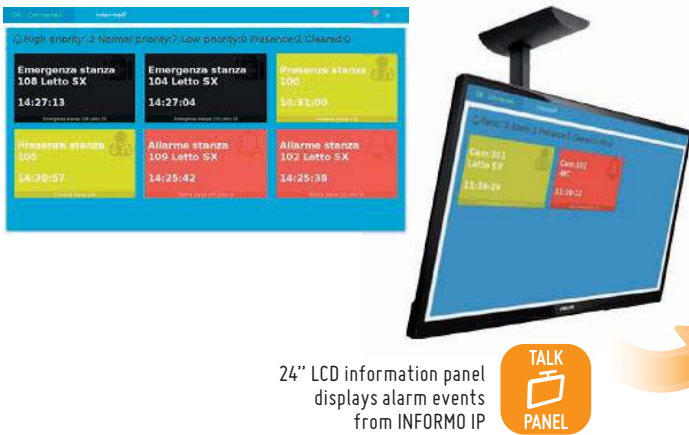TALK APP is the innovative service for Android-based Smartphone and Tablets.

It enables users to receive event notifications from the INFORMO IP system, sending messages to the TALK APP application via the Wi-Fi network and/or the internet if the user is off site.

The TALK APP application can be installed on devices staff typically used to manage medical records (Tablets) or for internal communication (Smartphones).

TALK PANEL

Displaying messages and alarms

24" LCD information panel
displays alarm events
from INFORMO IP
TALK PANEL

The TALK PANEL information panel allows you to view incoming alarms from any INFORMO IP input on a 24" LCD monitor. The alarm status is displayed using highly visible coloured icons that are differentiated by priority and readable at up to 5 metres.

TALK PANEL also generates an audible alarm with the possibility of differentiating the volume based on 3 programmable time bands.

In standby conditions it displays the date and time and, if desired, offers digital signage functions with custom images for advertising messages, welcome screens, etc.

PAGERS & TWO-WAY RADIOS

Radio pager (UHF)

Tecnel has always been a leader in the production of pager systems

A-RV/CN3-F
4-line alphanumeric Pager Plus receiver with instant messaging

A-RV/CN6
ATEX alphanumeric pager receiver

A-RV/CN7
9-line, 2-character alphanumeric high performance, BOS certified pager receiver

Two-Way Radios

Interface to and from Two-Way Radios:
- Forwards a text-to-speech message via PABX to the DMR two-way radio;
- Telephone interfacing with possibility of selective or group call.

Connection with **Motorola®** two-way radios for:
- Forwards text messages to devices with alphanumeric displays;
- "Man Down" detection with indoor and outdoor localisation functions.

MOTOROLA
SOLUTIONS

tecnel
WIRELESS COMMUNICATION

informoip

TYPICAL MARKET SOLUTIONS

♥ Healthcare

INPUTS

Nurses call with ESPA 4.4.4 or Modbus protocol		ESPA 4.4.4
Existing room call buttons (MICROCALL)		µCALL DRIVER
Call buttons Technical alarms (e.g. medical gases, lifts)		SWITCH
Telephone call (analogue/digital)		VOIP SIP
Fire alarm (Notifier)		PRINTER RS232
Web message (via "Informo IP" control panel or HTTP/internet)		WEB

🔧 Industry

INPUTS

Call buttons Technical alarms (e.g. sensors, contacts)		SWITCH
Direct detection by Modbus prot. devices (e.g. temp. sensor)		MODBUS SLAVE
Fire alarm (Notifier)		PRINTER RS232
"Man down" detection (man down, fast moving, etc.)		DECT
Telephone call (analogue/digital)		VOIP SIP
Web message (via "Informo IP" control panel or HTTP/internet)		WEB

OUTPUTS

www	TALK SMART customisable web interface
TALK APP	TALK APP: Wi-Fi instant messaging on tablet/smartphone
SMS	SMS on DECTs and DMR Two-Way Radios
TTS	Text-to-speech voice message on Phones, DMR Radios, Wi-Fi devices
SMS	SMS messaging on GSM (GSM SIM card traffic cost excluded)
PAGER	Pager
MAIL	Email
TALK PANEL	LCD panel

🚚 Logistics

INPUTS

Call buttons Technical alarms (e.g. sensors, contacts)		SWITCH
Fire alarm (Notifier)		PRINTER RS232
"Man down" detection (man down, fast moving, etc.)		DECT
Telephone call (analogue/digital)		VOIP SIP
Web message (via "Informo IP" control panel or HTTP/internet)		WEB

🏢 Hospitality

INPUTS

Call buttons Technical alarms (e.g. sensors, contacts)		SWITCH
Telephone call (analogue/digital)		VOIP SIP
Web message (via "Informo IP" control panel or HTTP/internet)		WEB
Fire alarm (Notifier)		PRINTER RS232

RETAILER