Affordable wireless monitoring without compromise

Temperature

Humidity

Door Events

Airflow

Differential pressure

Carbon dioxide

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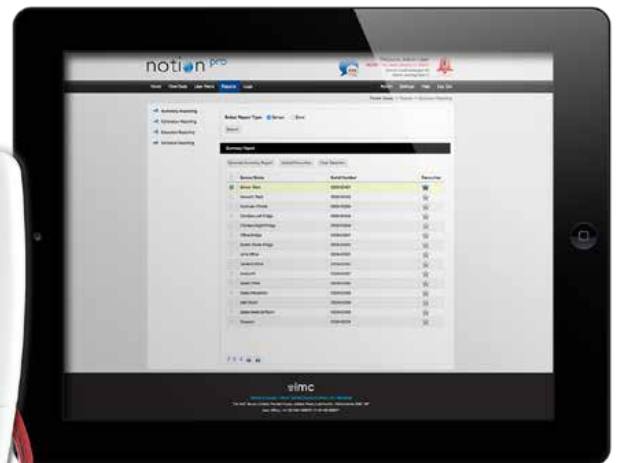
Notion Pro - Affordability without compromise

Notion Pro delivers a totally reliable and flexible wireless monitoring system incorporating breakthroughs in environmental monitoring that only the IMC Group Ltd design and manufacture. Notion Pro delivers affordable wireless monitoring without compromise. The system utilises radio technology for flexibility and high quality sensors for accurate readings. The innovative software provides 24/7 data collection for audit trails and immediate alarm notification. Notion Pro enables users to monitor a multitude of measurement types within buildings and temperatures to one system, which can easily be expanded upon as an organisations requirements grow or change. Measurement types include; temperature, humidity, differential pressure, CO_2 and air flow.

- 24/7 real-time alarm system
- Continuous wireless monitoring reducing manual checks
- Flexibility of expanding system
- Radio strength reaching 300+ meters*
- Data ownership
- User replaceable batteries
- Simply add transportation monitoring for closed-loop data acquisition

over open ground. You should always ask for a signal strength test when buying any radio system (especially in areas with multiple obstructions).

Always ask for a long-range signal strength test.

We can prove ours to be unrivalled.

Creating your system

Network Receiver

The Network Receiver is an essential part of the Notion Pro system. It is designed for collecting data from multiple radio transmitters within a site and communicating this data back to the SQL database.

- Constant communication with SQL database
- Clear LED indication for alarm (red), power (green) and communications (yellow)
- On-board battery back-up that lasts up to 5 days
- On-board back-up memory that lasts for a minimum of 5 days for up to 50 sensors

A multitude of measurement types in one system

Radio Transmitters

IceSpy Notion Pro transmitters have been designed to offer a comprehensive range of measurements to provide users with a system that is flexible and easily expanded as needs change and grow. Data is wirelessly transmitted to the Notion Pro Network Receiver for immediate real-time data collection.

- Operating temperature ranges from -30°C to +50°C (greater with external probe)
- High accuracy sensors
- Vast range of sensors for multiple measurement types
- Easily accessible battery for replacement by the user when required (Approx. life 2 years plus)
- Low power radio for long distance transmission reaching 300+ meters over open ground

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IceSpy Notion Pro Multi-purpose sensors

Flexible and reliable multi-purpose analogue sensors for monitoring multiple measurement types such as CO_2, air flow and differential pressure.

IceSpy Notion Pro RH/T sensors

Flexible and reliable temperature and humidity sensors designed to provide measurement for multiple applications. Internal temperature range -30°C to +50°C.

IceSpy Notion Pro temperature sensors

The Notion Pro series of temperature sensor units have an internal operating temperature range from -30°C to +50°C (greater with external probe). See below for probe options.

Probes for accurate measurement

Our high accuracy probes available with the Notion Pro transmitters are ideal for multiple temperature related applications.

	Probe	Temperature Range:
	IN -TH150 (1.5m Cable) – External Thermistor Probe	-40°C to +100°C
	IN-TH300 (3m Cable) – External Thermistor Probe	-40°C to +100°C
	IN-PT143 (3m or 5m Cable) – PT100 Probe	-100°C to +200°C
	IN-PT145 (3m or 5m Cable) – PT100 Probe	-100°C to +200°C
	IN-THC03 – Thermocouple Type T Probe	-200°C to +350°C
	BLK100 – Simulant Block 100ML	-40°C to + 100°C
	BLK200 – Simulant Block 200ML	-40°C to + 100°C
	IN-DC001 – Door Switch	N/A

If you have requirements outside of the above range, please do not hesitate to contact us as we will almost certainly have a solution for you.

Your optional add-ons

SMS Module

24/7 alarms via text message for when out of hours alarming is crucial. Alarm groups can be set so they are directed to specific people, on specific days with times.

24/7 out of hour alarms via SMS

- Provides real-time SMS text alarms for out of hours alerts
- Provides early warning via text message to safe guard stock
- On-board 2G/3G GSM module
- OLED display for signal strength and alarm message status
- On-board battery backup for 24 hours to enable SMS sending during power failures

ARB Module

Provides additional functionality; alarms, RFID (for data backfill) and Bluetooth interface for the MM7000 handheld.

Visual alarm display

- 24/7 alarm notification
- Instant visual alarm on unit via OLED display
- RFID connectivity for fast data backfill
- Bluetooth connectivity for integration with the IMC MM7000 handheld thermometer
- Allows operators to see alarms in remote areas

Autodialler

The autodialler add-on makes use of a standard telephone line to call pre-programmed numbers to warn of power failure or environmental breach.

Up to 9 programmable phone numbers

- Automatically sends call to pre-programmed number
- Fast and reliable warning
- Powered independently to warn of power failure
- Low maintenance and easy to connect to alarm control panels

MM7000 Handheld Thermometer

The MM7000 handheld thermometer has integral barcode scanner and Bluetooth capabilities and can be used in conjunction with the Notion Pro ARB unit.

- Automatically logs data using Bluetooth communication to reduce manual errors
- Logs up to 1000 time and date stamped temperature records

Extend your radio range

Echo Repeater

The Notion Pro Echo Repeater is an optional add-on used to extend the radio range of the system for those difficult to reach areas. It is designed for forwarding data between the Notion Pro transmitters and the Network Receiver.

Extends up to 300m

- Extends radio range by 300 meters over open ground
- 3 day back-up supply for continuous operation in case of power failure
- One system for complete cold-chain temperature monitoring
- 1 or 4 day transmitter memory
- -30°C to +50°C temperature range

Wireless

Transport System

NEW

- Closed-loop wireless data acquisition using the new transport system
- Retrieve automatic data at point of delivery (without the need for manual interaction) to a central database
- Can be used in conjunction with SMS Module & ARB Module for additional alarm notifications

Data at your fingertips

Notion Pro Software

The Notion software platform enables users to access data 24/7, with immediate alarm notifications via Email or independent SMS. Notion software can be mounted on a variety of platforms from standalone computers, internal intranets or cloud hosted. Data can be viewed on multiple devices from standard PC's to mobile devices.

Each user can customise their unique home page to display information that may only be relevant to them or their department. This enables users to gain a much more comprehensive view of departmental sensor data in real-time with immediate access to audit ready reports and instant alarm notifications.

- View, share and interact with live data and alarms from anywhere in the world 24/7
- Suitable for single or multiple-user organisations
- Share data with colleagues with user defined permission levels
- Easy to install, use, manage, and upgrade
- Time and date stamped data
- Easy and immediate access to historical data
- Automated reporting directly to PDF format at user defined schedules delivered by email
- Variety of alarm notifications from email to SMS

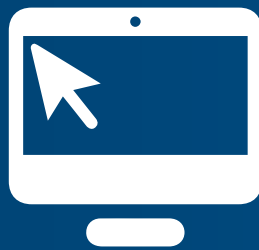OWN YOUR DATA

Graphical data

Scheduled reports

Main overview

Graphical view - Temperature + door

Visit www.the-imcgroup.com/notionpro for more information today.

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