



Providing combined Hardware and Software solutions for the Management of your workforce

Guard Tour Control



Ideal for Security Patrols
scanning RFID tags at site
checkpoints

Time & Attendance



Perfect for any industry wanting
to improve workforce productivity,
Scan IN Scan OUT

Lone Worker Safety



Essential for Solitary Workers
involved in hazardous situations.
Equipped with SOS button

Company Profile

We specialise in the supply of electronic equipment & software for industry sectors that require the use of Guard Tour, Time and Attendance and Man Down Alert Systems (Lone Worker Safety).

We deliver value to our Customers by:

- Providing the Customer with the Best Product
- Providing the Customer with the Best Price
- Providing the Customer with the Best Service

We will only supply the most trusted brand synonymous with technical innovation, build quality, user friendly and robust software. Therefore we have partnered with one of the leading manufacturers in Europe, SAVV S.r.l. Under the Datix brand name, SAVV currently manufactures a vast range of Guard Tour Systems, Time and Attendance Terminals and Lone Worker Alert Systems. Datix products are based on the most advanced technologies available on the market using RFID, NFC, GSM, GPRS, GPS and Bluetooth.

Because we have the partner relationship with SAVV we have the specialist training and skills necessary to deliver the correct system for your needs. The system is then covered by our standard care for all Customers, offering technical support, software updates, downloads and service repair of Datix devices.



C21T's Headquarters is based in the Historic Town of Bedford which is situated approximately 57 miles north of London.

Simply put ...

"To provide leading edge solutions that will optimise Workforce Management and to provide & encourage safe working practices"

Datix Range of Products

The System Requirement using the Datix range of products from SAVV S.r.l.

- **HARDWARE**

Firstly you need to establish the type of hardware device suitable for the application. Considerations being made such as “Offline” or “Online”. The application will usually dictate the hardware device most appropriate but some of the questions that may arise are - cost, durability of unit in application, GPRS data communications (voice calls/text), man down (loss of verticality/no movement) etc.

There may be a requirement NOT to have hardware but to subscribe to the Datix2App for Smartphones reducing hardware costs.

- **SOFTWARE**

All devices whether dedicated Datix hardware or software App (Datix2App) will require the use of software.

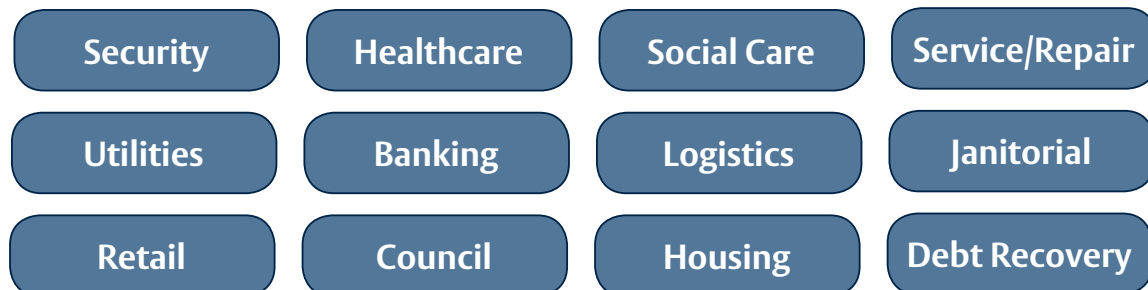
Suite WEB – The web based solution (can also be used on local PC)

RTS – The unified platform for the management of Datix peripherals (hardware including Datix2App)

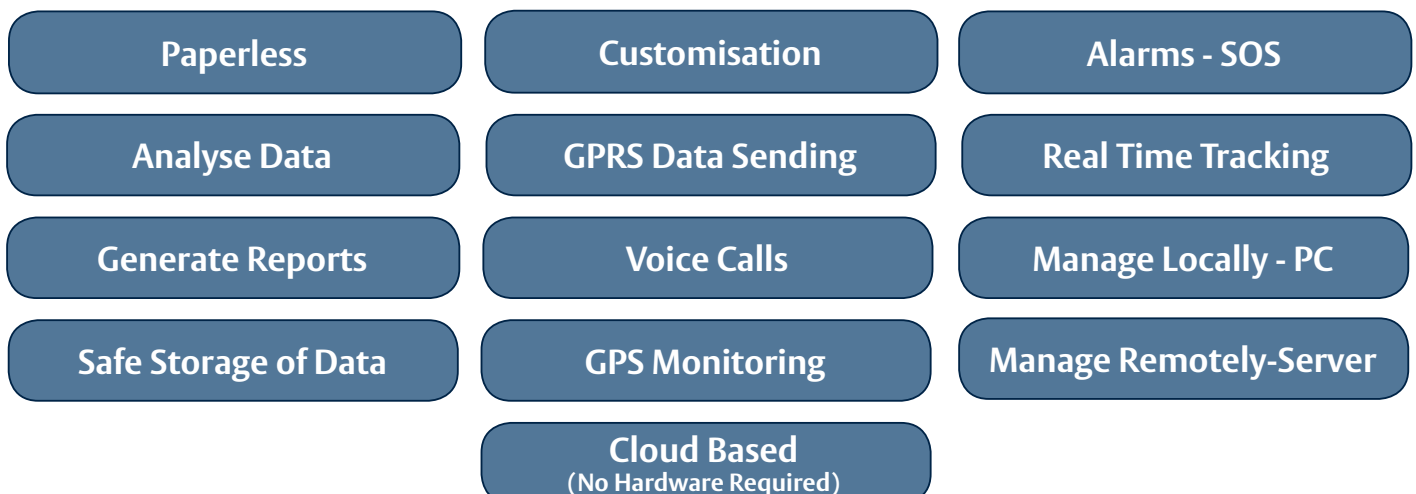
Datix2Cloud/Datix2Cloud Value – Virtual infrastructure (no need for dedicated server, hardware equipment)

The software plays an important function of the overall system, i.e. recording data, generating reports, tracking and much more.

Below are some of the industry sectors that
Guard Tour Control, Time & Attendance and Lone Worker Safety are used in –



The advantages of using –



Guard Tour Control *for the security Industry (Site Patrols)*

The main purpose of a Guard Tour System is to “certify” that an area has been checked

Datix Proxim is a portable rugged RFID reader designed for tough environments. The Guard Tour System will allow the guarding company to certify that the area has been attended and checked. This is accomplished by the employee scanning tags placed at certain locations (checkpoints) using RFID (Radio Frequency Identification) technology. These checkpoints can be either inside or outside.

Datix Proxim is an RFID patrol control system designed for the electronic certification of guard tours. Extremely strong and reliable, Datix Proxim guarantees high security levels.



Guard Tour Control + Time & Attendance (Hybrid)

Increasingly is the requirement for a Guard Tour System to have the additional function of “Time and Attendance” information which has been requested by the Client. This allows the guarding company to record the shift time from start to finish of the employee as well as obtaining data regarding the assigned tasks such as when started/finished and the time between tasks.

This can be achieved by devices that have a graphics display and keyboard.

Keeping it simple, to record Time and Attendance requires a device that has the “IN” and “OUT” keys on the Keyboard with a graphics (user display).

The solutions below are available



Pocket sized reader that can be effectively used for the certification of patrol services. This handheld is a cost effective and quick-to-install solution for all who wish to approach the world of guard tour.



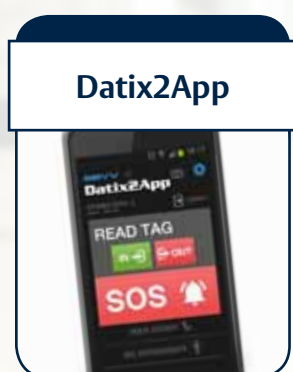
Designed to transmit the collected data in real time to the monitoring station through a fully featured 2-way GPRS connection. Datix NaNo G is now available with man down for lone workers



Combined with an embed GPS receiver useful to track your workforce in real time. Also, the GPS coordinates can be attached to man down alerts such as panic, loss of verticality and no movement.



IP55 and the most robust multi-function handheld which allows you to monitor patrols in real time. The unit comes with RFID reader, GPRS, GPS, man down system for lone workers and GSM calls.



There is the option to use Datix software for your Android Smartphone. By loading the Datix2App you have a system that is ready to be used in the same application of -

Guard Tour System + Time and Attendance

Includes NFC tag reading, GPS tracking and man down alert system for lone workers.

Time & Attendance *Monitor combined time and location of your workforce.*

Time and Attendance Terminals primary function is to certify when an employee scans themselves against either a wall mounted NaNo WE/NaNo G WE using an ISO card or key fob or using the Datix hardware devices against RFID / NFC mounted tags. Dedicated Datix devices will use RFID technology and Smartphones (Datix2App) use NFC technology to scan.

All Time and Attendance Terminals come with increased functionality that includes a graphics display and keyboard.

We can provide wall mounted solutions using the NaNo WE/NaNo G WE models.

Some of the many features include GPS tracking, 2-way GPRS connection, Voice calls, Man-down alerts, selectable user programmed tasks (up to 30 which can be programmed by the user) and many more functions.

The solutions below are available



Cost-effective RFID wall terminals highly recommended for managing attendance in remote yards/janitorial services. Datix NaNo G WE is able to transmit each clock-in and clock-out in real time to the monitoring station.



Pocket sized reader that can be effectively used for the recording of staff attendance. This handheld is a cost effective and quick-to-install solution for all who wish to monitor and improve workforce productivity.



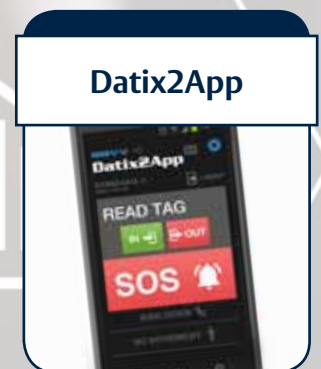
Designed to transmit the collected data in real time to the monitoring station through a fully featured 2-way GPRS connection. Datix NaNo G is now available with man down for lone workers.



Combined with an embed GPS receiver useful to track your workforce in real time. Also, the GPS coordinates can be attached to man down alerts such as panic, loss of verticality and no movement.



IP55 and the most robust multi-function handheld which allows you to monitor and proof staff attendance in real time. The unit comes with RFID reader, GPRS, GPS, man down system for lone workers and GSM calls.



By loading the Datix2App on your smartphone you have a system that is ready to be used in any industry as a cost effective solution. Includes NFC tag reading, GPS tracking and man down alert system for lone workers.

Lone Worker Safety *protecting your workforce*

We offer a range of devices from the dedicated Datix hardware to the Datix2App for Android Smartphones. This gives you the flexibility to choose the right solution for your application. All these solutions give you a standard panic/SOS button.

The Lone Worker Safety solution can be used in most industries to provide “safe working practices”. Some of the industries are Security, Construction, Field Service Work, utilities, Care Workers and many more.



NaNo G Safe Edition
(USB/SMS/GPRS)

Our entrance level device for lone workers engaged in potentially dangerous solitary activity. The device automatically dials from the programmed numbers list also panic, loss of verticality and no movement detection as well as other features. The Safe Edition disables “in”, “out” function and only traces the last indoor tag position.



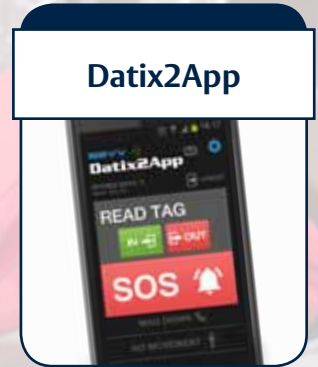
NaNo G GPS Safe Edition
(USB/SMS/GPRS/GPS)

Now comes with a GPS receiver for easy outdoor tracking. The GPS coordinates can be attached to man down alerts such as panic, loss of verticality and no movement. The device automatically dials from the programmed numbers list.



Wi-Trak Pro
(USB/SMS/GPRS/GPS)

Designed for harsh environments comes our tough IP55 rated device to increase safety of employees engaged in solitary activities in potentially hazardous situations. Loss of verticality, no-movement and panic alerts can be dispatched as Text (SMS), GSM calls and GPRS.



Datix2App

Reduce hardware cost by using the App on your Android Smartphone. This gives you a system that is flexible. Includes NFC tag reading, GPS tracking and Man Down alert system for lone workers.

Datix2App

The app is compatible with existing software platforms including Datix RTS, Datix Suite, Datix Suite Web and even Datix2Cloud Value.

The Datix2App is a multifunctional App for Android Smartphones that can be used for:

- Guard Tour Systems
- Time and Attendance
- Lone Worker Safety & other industry sectors

It is the winning technological solution.

Features:

- Operating platform - Android
- NFC tag scanning
- Incident management
- GPS Positioning
- Loss of vertically, immobility and panic alert and many more functions
- Multimedia incident management capabilities using - picture, video, signature

Benefits

- No additional hardware required
- Maximises the features of your Smartphone
- Simple and easy to use



Typical Applications

There is no reason why it could not be used in all the 3 applications as a complete solution

Example Datix2App.

CERTIFIED

A perfect example could be a Guard Tour System where the Client requires evidence that the area has been “certified” and checked.

TIME

As well as the area being certified there may be a requirement for Time and Attendance so that the Guard can show where he/she has been and for how long. This allows the Client to see more detailed information.

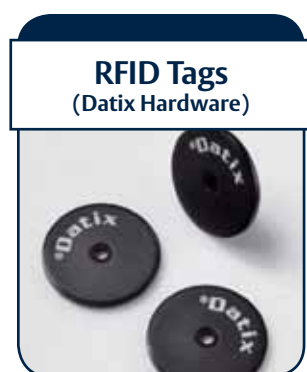
SAFETY

In some environments it may be necessary that the Guard has a panic button and additional features such as loss of verticality and extended immobility for the absolute reassurance of their safety. In this case the Man Down Alert Systems are invaluable.

So you can see how useful the **Datix2App** can be.

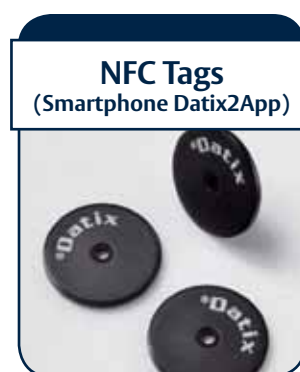
Tags

Whichever hardware device or Datix2App you choose you will need to use tags to record your presence. These are fixed at the location attended.



Datix RFID systems read 125 KHz passive RFID tags (no power supply required and cheaper than active tags).

Tags are available with different form factors (disc, Keyfob, ISO cards).



Datix2App only reads using the NFC (Near Field Communications) system.

The frequency range is 13.56 MHz's

The form factors are – Disc and ISO card

Software

The Datix range of software that is used with the Hardware Devices and Smartphone App (Datix2App).

Suite WEB - The Web based solution (can be used locally on a PC)

Datix2Cloud/Datix2Cloud Value - Cloud based with low investment and no maintenance

RTS - The unified platform for the management of Datix Devices

[Datix Suite Web]

Datix Suite WEB is a web based software solution for the centralized management/configuration of Datix Device. The software can also come in a version that is installed locally on a PC.

Server licences are required

Product code: SW SW1 - License: Single, 1 Server, 1 DB - Customers/Sites: 1

Product code: SW SW10 - License: Single, 1 Server, 1 DB - Customers/Sites: 10

Product code: SW SWX - License: Single, 1 Server, 1 DB - Customers/Sites: Unlimited

User licences are required

Product code: SW WECAL1 - Users: 1

Product code: SW WECAL5 - Users: 5

Product code: SW WECAL10 - Users: 10

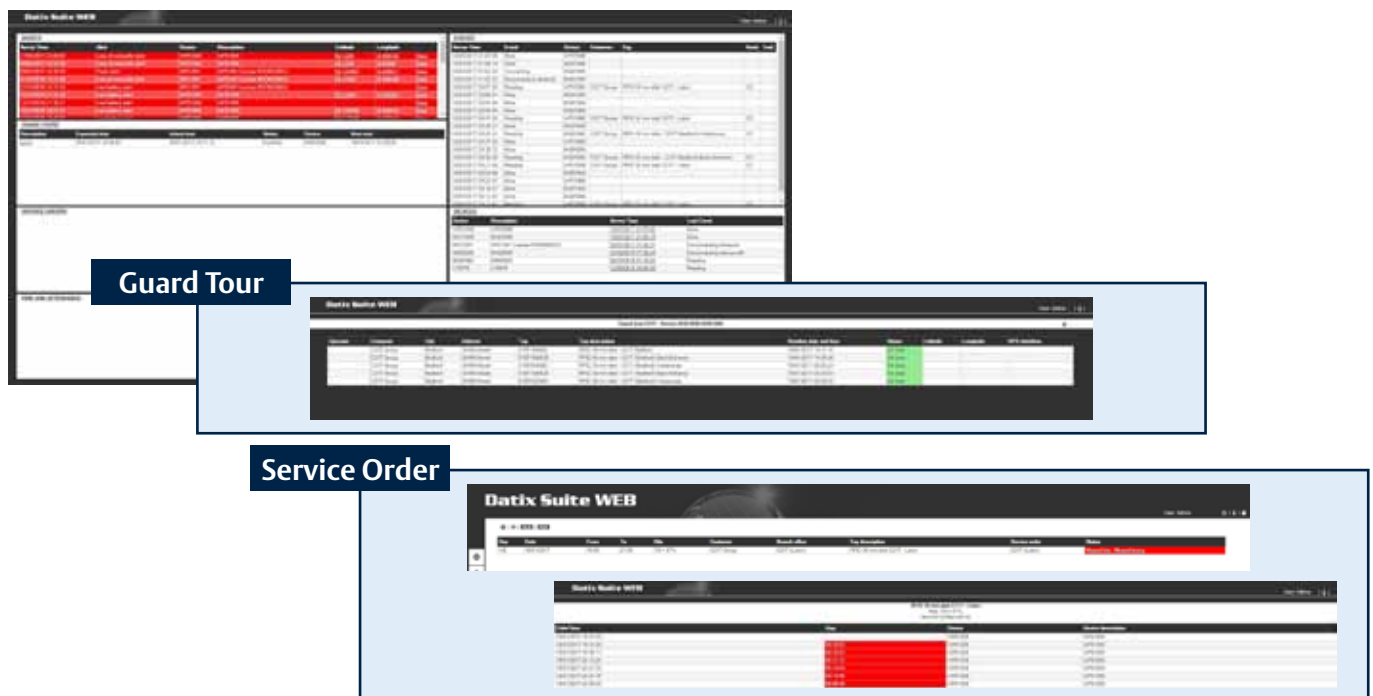
Product code: SW WECAL25 - Users: 25

Why use Datix Suite Web?

More efficient - Thanks to the “Network” the users of Datix Suite WEB can access the data via a web browser virtually from anywhere, including mobile PCs and tablets. The centralized architecture makes every user free to manage the system with full mobility by eliminating almost completely all support issues typical of desktop installations. With Datix Suite WEB the code of the application is installed on the server and each user accesses the system through a web browser over the network.

More secure - The centralization of data results with increased security and less recovery time in the event of failure. Each update is immediately available to all users. Even the backup tasks are more efficient allowing the necessary redundancy to minimize the possibility of data loss in case of viruses or intrusions.

Cost effective - The web version of Datix Suite allows you to minimize investment and reduce operating costs. The user's ability to perform their work through the web browser allows you to use in various locations “common” machines without any special requirements in terms of performance and cost.



The image displays three overlapping screenshots of the Datix Suite WEB interface. The top screenshot shows a 'Guard Tour' report with a table of data. The middle screenshot shows a 'Service Order' report with a table of data. The bottom screenshot shows a general data table with a red header. Each screenshot is overlaid with a blue callout box containing the text 'Guard Tour', 'Service Order', and 'Datix Suite WEB' respectively.

Software

[Datix2Cloud (SaaS) Software as a Service]

The system is provided on a virtual infrastructure providing a flexible and robust system with no maintenance or hardware costs.

Provided in SaaS (Software as a Service) mode and designed for the reception, processing, saving and consultation of data and status signals transmitted by SAVV or Datix brand hardware devices equipped with TCP/IP network connectivity (e.g. GPRS, 3G/4G, Wi-Fi,...), including Android smartphones with Datix2App application. The services are available for both purchased and leased devices and do not include the supply of a SIM card or data traffic for which the equipment users remain responsible.

The two services differ by the pricing mode.

The Datix2Cloud service is provided on a pay-per-use basis when you buy and top-up service credits. The credits used over a given period of time depend on the quantity of the cloud resources used.

Devices - fixed and portable Datix terminals or Android smartphones with:-
Datix2App (10 credits each / 24hrs)
RFID/NFC tags (0.1 credit each / 24hrs)
Web users (1 credit each / 24 hrs.)

Instead the Datix2Cloud Value service is provided on a flat-rate basis

The Customer shall purchase a cloud key (with a 1 month or 12 months validity) for each device to be connected with the Platform, regardless of the number of RFID/NFC tags in use and web users who need to login the application (up to max 5 web users each subscription).

[Datix RTS]

Datix RTS is the core of the interaction between the data centre and Datix remote units. The platform receives processes and forwards any incoming information transmitted by Datix remote equipment such as tags, GPS positions and alerts (e.g. Man Down, SOS).

Being a multi-channel solution Datix RTS is able to support any kind of transmission through-

- GSM
- SMS
- GPRS
- 3G and 4G
- TCP-IP

Datix RTS also allows fully featured 2-way GPRS connections with on-line units (e.g.: Datix Wi-Trak Pro and Datix NaNo G).

Product codes and licensing

The installation and use of Datix RTS platform requires a license for each PC/Server operating RTS SE. RTS Configurators, RTS Analyser and RTS Monitor do not require any license and may be installed in multiple locations.

END-USER

Product code: SW RTSSSED10 - License: Single, 1 PC/Server - Supported devices: 10

Product code: SW RTSSSED50 - License: Single, 1 PC/Server - Supported devices: 50

Product code: SW RTSSSEDX - License: Single, 1 PC/Server - Supported devices: Unlimited

SYSTEM INTEGRATOR

Product code: SW SW RTSSSED10SI - License: Single, 1 PC/Server - Supported devices: 10

Product code: SW SW RTSSSED50SI - License: Single, 1 PC/Server - Supported devices: 50

Product code: SW SW RTSSSEDXSI - License: Single, 1 PC/Server - Supported devices: Unlimited

Device Specifications

Portable Handheld Devices

Proxim (USB)



- 125 KHZ RFID tag reading
- Memory type: EEPROM
- Memory size: 5,000 readings (7,500 readings for Plus version)
- Visual and acoustic alerts
- Infrared communication with Datix Central Unit
- Rechargeable 1800mA – 4.8V Ni-Mh battery
- Battery charge via Datix Central Unit
- Enclosure: Bayblend
- IP 67
- Weight: approx:230gr
- Dim: 140 x 58 x 43mm.
- Battery Life: max 6/7 weeks with new battery and normal environmental conditions

NaNo (USB)



- RFID 125 KHz tag reading
- 128 x 32 graphic display
- 30 selectable tasks
- Memory size:10,000 records
- Communication and data downloading: USB
- Rechargeable Li-Ion battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 80 x 50 x 22mm (NaNo)
- Weight: approx. 90gr (NaNo)

NaNo G (USB/SMS/GPRS)



- RFID 125 KHz tag reading
- 128 x 32 graphic display
- 30 selectable tasks
- Memory size: 5,000/10,000 records
- Communication and data downloading: USB and 2-way GPRS
- GPS (optional)
- Man down system with panic and loss of verticality via Text and GPRS
- Rechargeable Li-Ion battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 99 x 56 x 26mm (NaNo G)
- Weight: approx. 150gr (NaNo G)

Portable Handheld Device

Wi-Trak Pro (USB/SMS/GPRS/GPS)



- Reads 125 KHZ RFID tag
- Automatic & manual (clock-in/out) tag scan
- Graphic Display
- On-screen incident management
- Memory size up to 10,000 scans
- 2G/3G
- GPS receiver
- Fast call to 2 numbers (Key 1 and Key 2)
- Additional calls to phone contacts
- White list for incoming calls
- Panic button and loss of verticality alert
- Additional alerts available (device on, device off, low battery...)
- Alerts through data connection, text, GSM numbers dialling
- Alerts sent as text include last position and last tags scanned
- On-line (GPRS) and Off-line (USB) data downloading
- Rechargeable Li-Ion battery 2000mAh
- RTC backup battery
- Battery recharge via external docking station or USB port
- Dim: 129 x 63 x 29mm
- Weight: approx. 230gr
- IP55

Wall Mountable Device

NaNo WE/NaNo G WE (USB/GPRS)



- RFID 125 KHz tag reading
- 128 x 32 graphic display
- 30 selectable tasks
- Memory size: 10,000 records
- Communication and data downloading: USB (all models) 2-way GPRS (only NaNo G)
- Emergency Li-Ion backup battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 95 x 80 x 22mm (NaNo WE), 100 x 100 x 26mm (NaNo G WE)
- Weight: Approx. 190gr (NaNo WE), 270gr (NaNo G WE)

Device Specifications

NaNo G GPS (USB/SMS/GPRS/GPS)



- RFID 125 KHz tag reading
- 128 x 32 graphic display
- 30 selectable tasks
- Memory size: 5,000/10,000 records
- Communication and data downloading: USB (all models)
- 2-way GPRS (only NaNo G)
- GPS (optional, only Nano G)
- Man down system (only NaNo G) with panic and loss of verticality via Text and GPRS
- Rechargeable Li-Ion battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 108 x 58 x 26mm (NaNo G GPS)
- Weight: approx. 160gr (NaNo G GPS)

NaNo G Safe Edition (USB/SMS/GPRS)



- 128 x 32 graphic display
- GSM/GPRS Dualband module
- GPS receiver (optional)
- Panic, loss of verticality and no movement alerts via Text and GPRS
- RFID 125 KHz tag reading
- Device configuration via USB/GPRS
- Rechargeable Li-Ion battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 99 x 56 x 26mm (NaNo G), 108 x 58 x 26mm (Nano G GPS)
- Weight: approx. 150gr (NaNo G), 160gr (NaNo G GPS)

NaNo G GPS Safe Edition (USB/SMS/GPRS/GPS)



- 128 x 32 graphic display
- GSM/GPRS Dualband module
- GPS receiver
- Panic, loss of verticality and no movement alerts via Text and GPRS
- RFID 125 KHz tag reading
- Device configuration via USB/GPRS
- Rechargeable Li-Ion battery
- Battery recharge via USB
- DST management
- Backup battery for RTC (clock)
- Dim: 108 x 58 x 26mm
- Weight: approx. 160gr

Smartphone App

Datix2App



- Android OS
- NFC tag scanning
- Automatic or manual NFC scanning with clock-in and clock-out
- Incident management
- GPS positioning
- Loss of verticality, immobility and panic alerts sent via (SMS), data connection and automatic fixed/mobile number dialling
- Selectable verticality angle and bass position
- Comprehensive filters to reduce false alarms
- Smartphone-server configuration and communication in real time, initial set-up via SMS
- User login with personal PIN
- Extended logging



Find out more about
All our products and solutions

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