BlumApp

Safety and automation made easy

BlumApp is the first and innovative platform in the technological market.

Aim of the platform is above all to solve **problems** relating to the **safety of working** environments such as:

- *management of personal alarms and lone worker alarms*
- *evacuation alarm management and access control*
- *industrial automation to manage events and generate automatisms*
- *logistics: to monitor, control and manage assets and production*

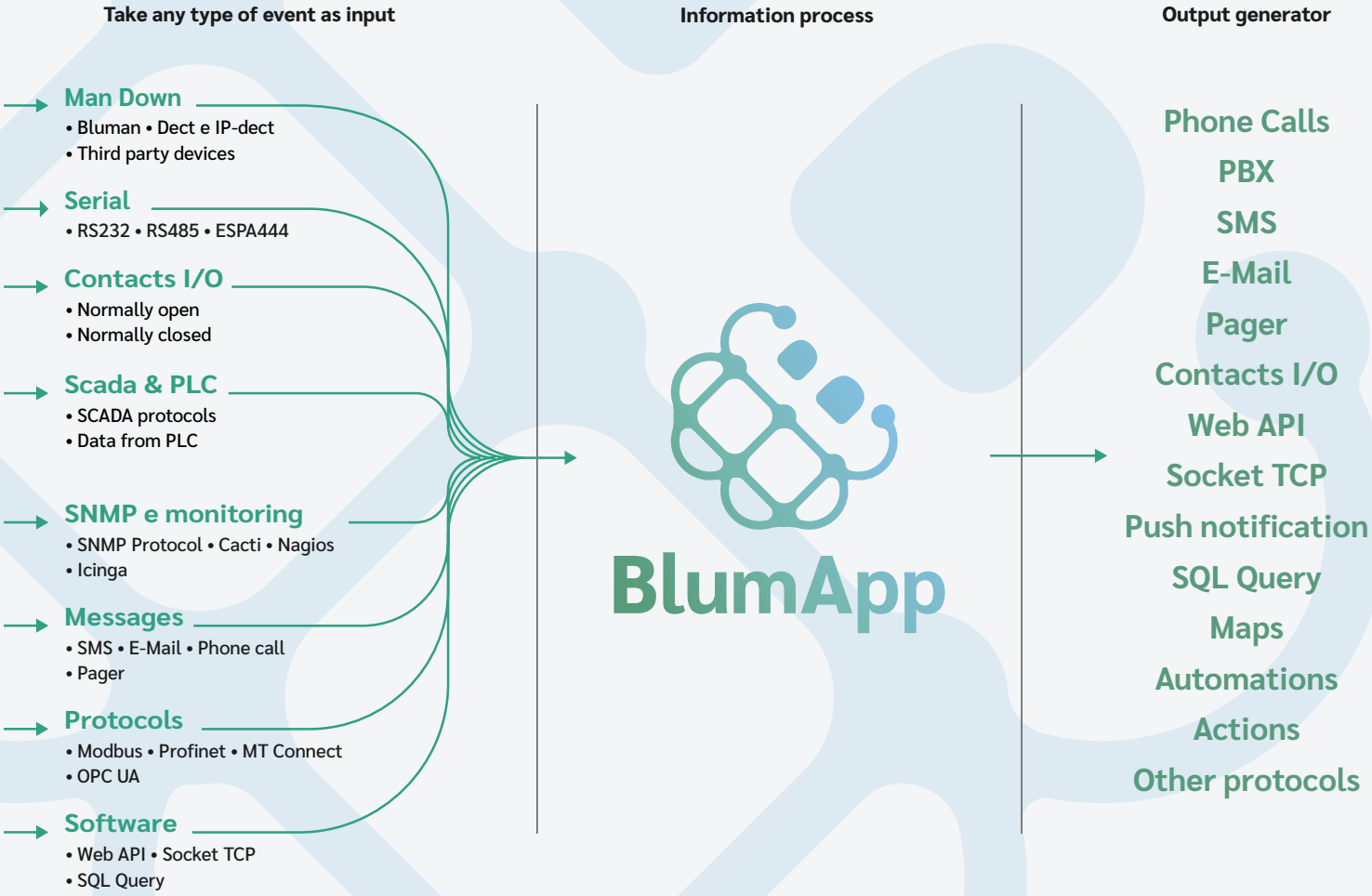
BlumApp, entirely of our conception and ownership, is the first and innovative platform in the technological market, as a digitization tool for event management and the Internet of Things (IOT).

BlumApp, is also the ecosystem to add other proprietary modules or build up new ones according to specific needs: **automation tailor-made**.

Patent Certificate
N. 102018000003843
Indoor location method

Industria 4.0
Certifiable solution

How does **BlumApp** work?



Let your business bloom.

Since 2017 BlumIt has been bringing innovation to corporate and hospital realities by operating in the management of events for the workplace safety, in the management of events in the healthcare market, in the processing of data and actions in industrial automation and the cataloging of information and management of processes in logistics.

TECHNOLOGICAL ALARM

Alarms from serial protocols
Management of events from serial protocols RS232, RS485, ESPA444 and more, by sending information over TCP/IP protocol.

Electrical contact alarms
Management of normally open or closed contacts by sending information over the TCP/IP protocol.

Alarms from SCADA and PLC systems
Reading of data from SCADA and PLC systems to pro – actively send alerts and alarms to company personnel.

Events from protocols and monitoring software
Management of events and data from SNMP protocol, interaction with monitoring software such as NAGIOS, ICINGA, CACTI and others.

Messaging events
Reception and management of e-mails, SMS, notifications of other kinds as an alarm event to be processed.

Events from third-party software
Incoming and outgoing Web API calls, interaction with client and server TCP Sockets and reading/writing to database for acquiring events from external systems or third-party software.

SECURITY ALARMS

Personal alarms
Management of "man-down" type alarms, no-movement, SOS button press and more; with indoor and outdoor location service.

Fire and Intruder Alarms
Interfacing with fire and intruder systems to channel these events into a single platform.

Alarms from temperature, humidity, oxygen and gas
Sensors Possibility of managing minimum, maximum or other thresholds, in which alarm events can be generated.

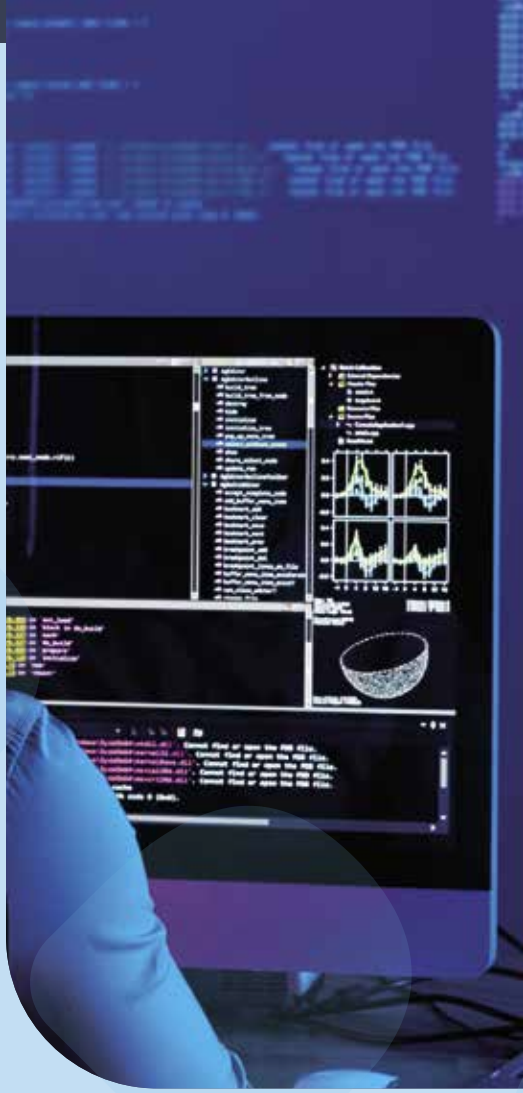
ALARMS IN THE HEALTH SECTOR

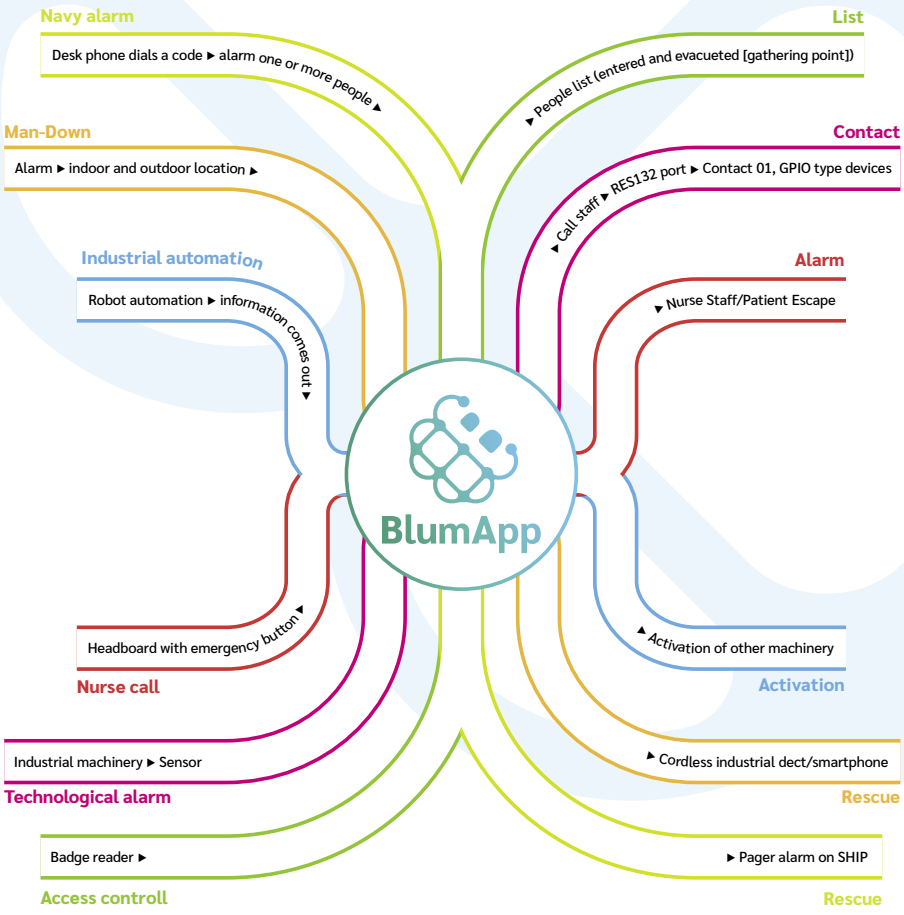
Nurse call alarms
Management of events from nurse calls, bed head buttons, pull-cords and more through open/closed contact modules, serial and ESPA444 protocols.

Patient escape alarms
Monitoring of access points in healthcare facilities to prevent the involuntary departure of patients.

INDUSTRIAL AUTOMATION

Event management from industrial automation protocols
Incoming and outgoing interaction with industrial automation protocols such as Modbus, Profinet, MT Connect, OPC UA and more.





LOGISTICS

Data management from RFID, NFC, Bar-Code and QR code readers
Data reading from label readers for management, cataloging and sending of data to external systems, CRM, ERP and more.

IOT

Internet Of Things
Development and integration of IoT systems for the management and cataloging of data and events

HOME AUTOMATION

Event management from home automation protocols Interaction with the main home automation protocols (BLE, KNX, Thread, WiFi, Z-Wave, Zigbee, etc.).

ACCESS CONTROL

Access control and evacuation
Systems Integration with acce ss control and evacuation systems to evolve their method of use to a web-based logic.

RTLS

Monitoring of company assets with dynamic localization, indoor and outdoor via GPS, Bluetooth, Wi-Fi. Visualization on interactive graphic maps.

M. PUGLIA - 10/2023

Installing our BlumApp platform is quick and easy!

Appliance Plug&Play

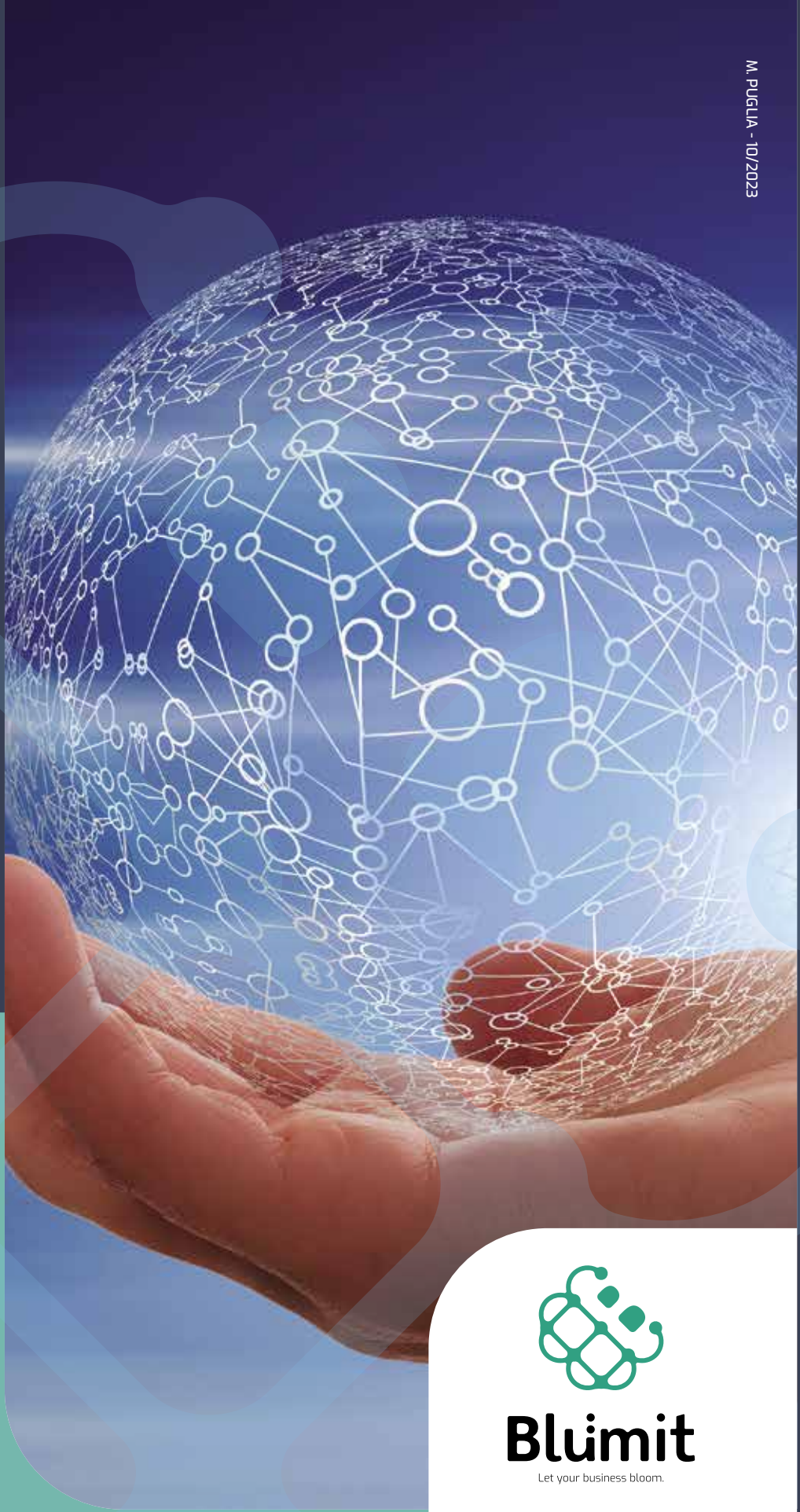
BlumApp can be supplied through a pre-configured appliance that will suffice to connect to the network and automatically have all the software services.

Data Center

BlumApp can be installed in any data center on a physical server or virtual machine with a Linux or Windows operating system.

Cloud

Zero worries solution, you can take advantage of the services of the pre-installed software in our cloud.



Customization and software development taylor-made: our BlumApp platform is customizable based on the needs of the reality in which it is to be used.

We also create customized software developments based on needs, in desktop, client-server, cloud, mobile and distributed systems environments.

Blumit

Let your business bloom.

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