



CANLive 3.0 RED DA *CONNECTIVITY*

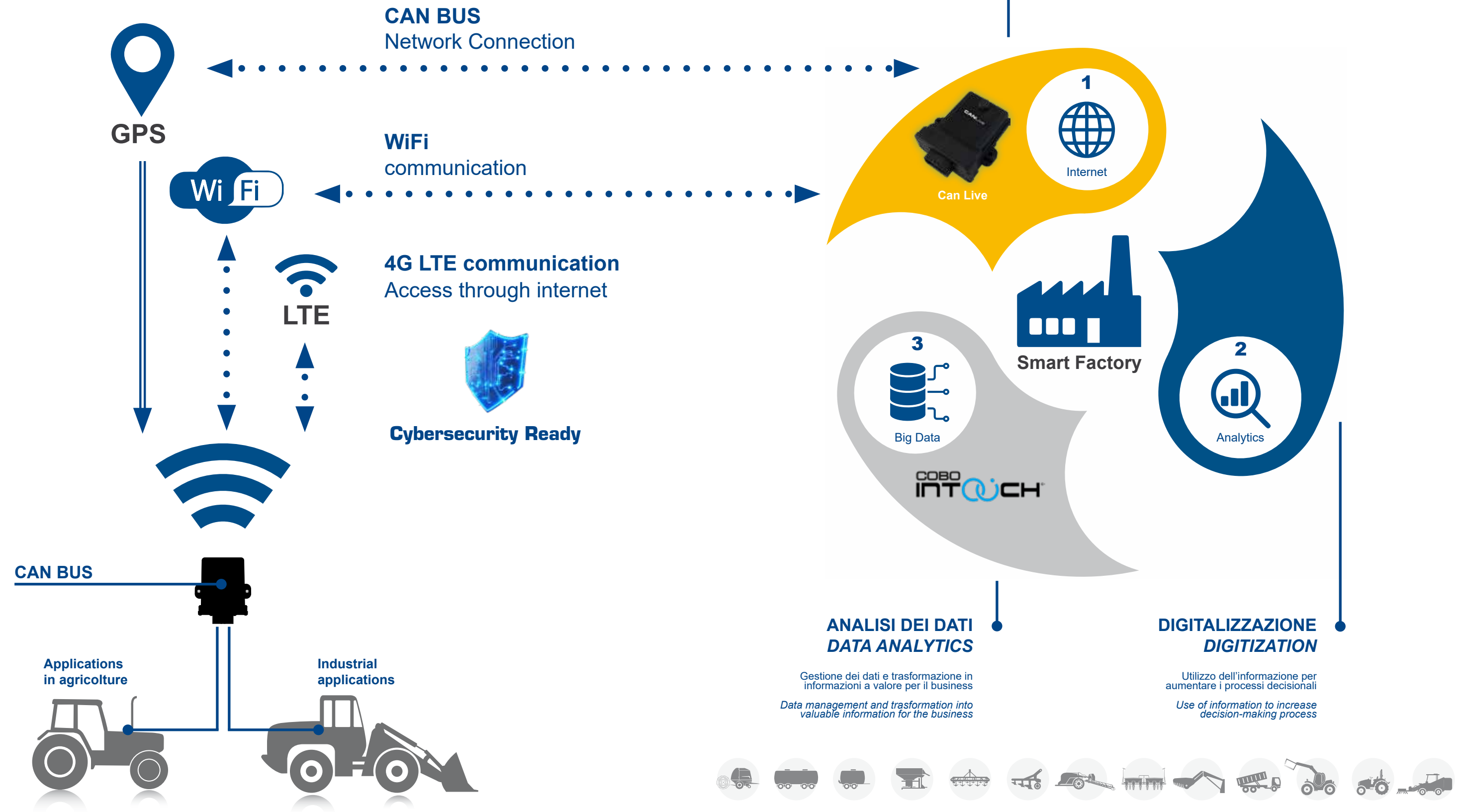
COBO
INTOUCH®

Cybersecurity Ready



“CANLive3.0 RED DA”

ESEMPIO DI APPLICAZIONE
APPLICATION EXAMPLES



“CANLive3.0 RED DA”

DISPOSITIVO TELEMATICO CON INTERFACCIA CAN BUS,
CONNETTIVITÀ 4G LTE E LOCALIZZAZIONE GPS - GLONASS

TELEMATIC DEVICE WITH CAN BUS INTERFACE,
4G LTE CONNECTIVITY AND GEOLOCATION GPS - GLONASS

APPLICAZIONI

- Sistema di monitoraggio in tempo reale per macchine con reti CAN BUS
- Built-in “data logger” registrazione continua CAN BUS event IDs
- Parametri di monitoraggio programmabili su piattaforma CLOUD
- Sistema per modifica parametri macchina da remoto
- Stack completo J1939 protocollo multi-packet
- Certificato COBO di sicurezza SSL
- Protocolli supportati: Winloader, KWP2000 and Winloader TERA
- Possibilità di aggiornamento SW e FW da remoto per dispositivi COBO
- FOTA: Firmware Over the Air

Con il rilascio della nuova versione **CanLive 3.0 RED DA**, abbiamo introdotto importanti miglioramenti in ambito **cyber sicurezza**, con l’obiettivo di garantire una protezione ancora più solida dei dati e una maggiore resilienza contro le minacce digitali.

Il **CANLive 3.0 RED DA** è stato progettato per garantire massimi livelli di sicurezza, protezione dei dati e resilienza informatica, in linea con i requisiti della norma **RED (2014/53/UE)** come modificato dal regolamento delegato **UE 2022/30 (RED DA) Cybersecurity Data Act**.



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128 MB Internal Flash memory
256 KB RAM

4G LTE FDD Cat.1. 3GPP release 10 compliant DC-HSPA+ 42 Mbps
Built in UDP/TCP/FTP/SMTP stack

Simultaneous support of GPS, Glonass, Beidou, Galileo, QZSS module with embedded patch antenna, with 33 channels (tracking) and 99 (acquisition channel)

APPLICATIONS

- Real time monitoring system for CAN BUS machines
- Built-in “data logger” recording CAN BUS event IDs
- Programmable monitoring parameters on CLOUD platform
- System for changing machine parameters remotely
- Full stack J1939 multi-packet protocol
- SSL security COBO certificate
- Upload supported protocols: Winloader, KWP2000 and Winloader TERA
- Possibility of remote SW and FW upgrade system for COBO device
- FOTA: Firmware Over the Air

With the release of the new **CanLive 3.0 RED DA** version, we have introduced significant improvements in **cybersecurity**, aiming to ensure even stronger data protection and greater resilience against digital threats.

CANLive 3.0 RED DA has been designed to ensure the highest levels of security, data protection, and cyber resilience, in accordance with the requirements of **RED (2014/53/UE)** as amended by EU delegated regulation **UE 2022/30 (RED DA) Cybersecurity Data Act**.

P/N

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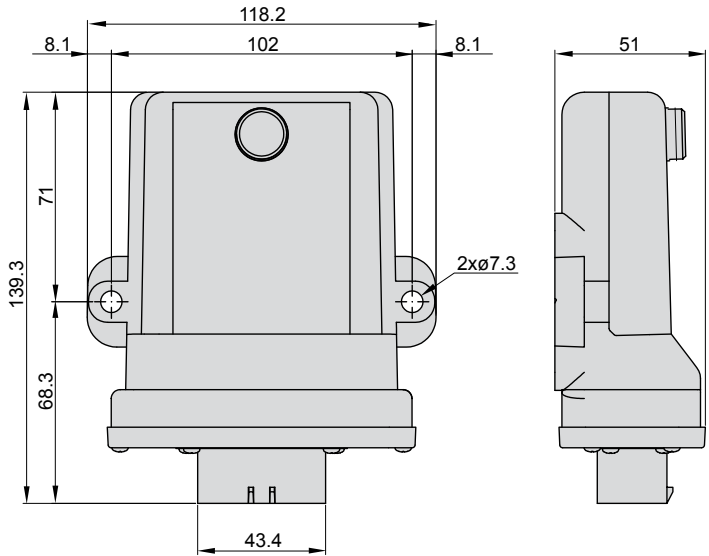
2 CAN-bus 2.0B high speed,
ISO 11898-2 compliant
1 RS 232 Tx and RX line



Clock / calendar with 240 x 8 bit
RAM with back-up battery



CE / FCC / RED DA EN 18031 / E-mark
Shock tests - Reference standard
EN 60068-2-27
Random vibration tests - Internal Reference
Climatic tests - Reference standard
EN 60068-2-1 and EN 60068-2-2
UKCA



MODELLI DISPONIBILI
MODELS AVAILABLE

Modello Model	Modem	WiFi	Data memory
CANLive 3.0	4G LTE	Yes	128MB

INTERCAMBIABILE CON I SEGUENTI MODELLI
INTERCHANGEABLE WITH FOLLOWING MODELS

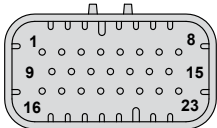
Modello / Model	P/N
CANLive 2.0	1088575
CANLive 3.0	1104408

MANUALE TECNICO D’INSTALLAZIONE
INSTALLATION USER MANUAL



Supply voltage	9 - 36 VDC direct from battery
Operating temperature	- 40°C ÷ + 85°C
Sealing degree	IP67
Accelerometer	Internal accelerometer 3 axis
Frequency	180 Mhz
Data Flash	128 MB internal Flash Memory
Microprocessor	ARM Cortex M4 core ARM® 32-bit Cortex®-M4
Connector	AMP 23 pin 776087-1
Housing	ABS enforced PA66
Wi-Fi	802.11b/g/n access point (AP) supporting up to four stations - IPv4 and IPv6 TCP/IP stack - Powerful Crypto Engine - TLS and SSL Connections - Wi-Fi Direct® client/group owner - WPA2 Personal and Enterprise Security

FRONT VIEW
NUMBER PIN POSITION



Pin	Funzioni Functions	Descrizioni Descriptions
1	+VB 30	Logic power supply (+12V / + 24V)
2	-VB 31	Logic ground
3	Key +15	Key input
4	RS232_TX	Line RS-232_TX
5	RS232_RX	Line RS-232_RX
6	CAN 0 - L	CAN Line interface 1 (low)
7	CAN 0 - H	CAN Line interface 1 (high)
8	CFG1	Configuration pin 1
9	CAN 1 - L	CAN Line interface 2 (low)
10	CAN 1 - H	CAN Line interface 2 (high)
11	CFG2	Configuration pin 2
12	N.C.	N.C.
13	GND	Ground signal
14	INP 1	Analog Input 0 - 5V / 0 - 30V or digital input
15	INP 2	Analog Input 0 - 5V / 0 - 30V or digital input
16	INP 3	Analog Input 0 - 5V / 0 - 20mA or digital input
17	INP 4	Analog Input 0 - 5V / 0 - 20mA or digital input
18	INP 5	Input rpm and digital
19	INP 6	Input rpm and digital
20	Output 1	On/Off high side. 2A max
21	Output 2	On/Off high side. 2A max
22	Output 3	On/Off low side. 1A max
23	Output 4	On/Off low side. 1A max



DATA PLATFORM

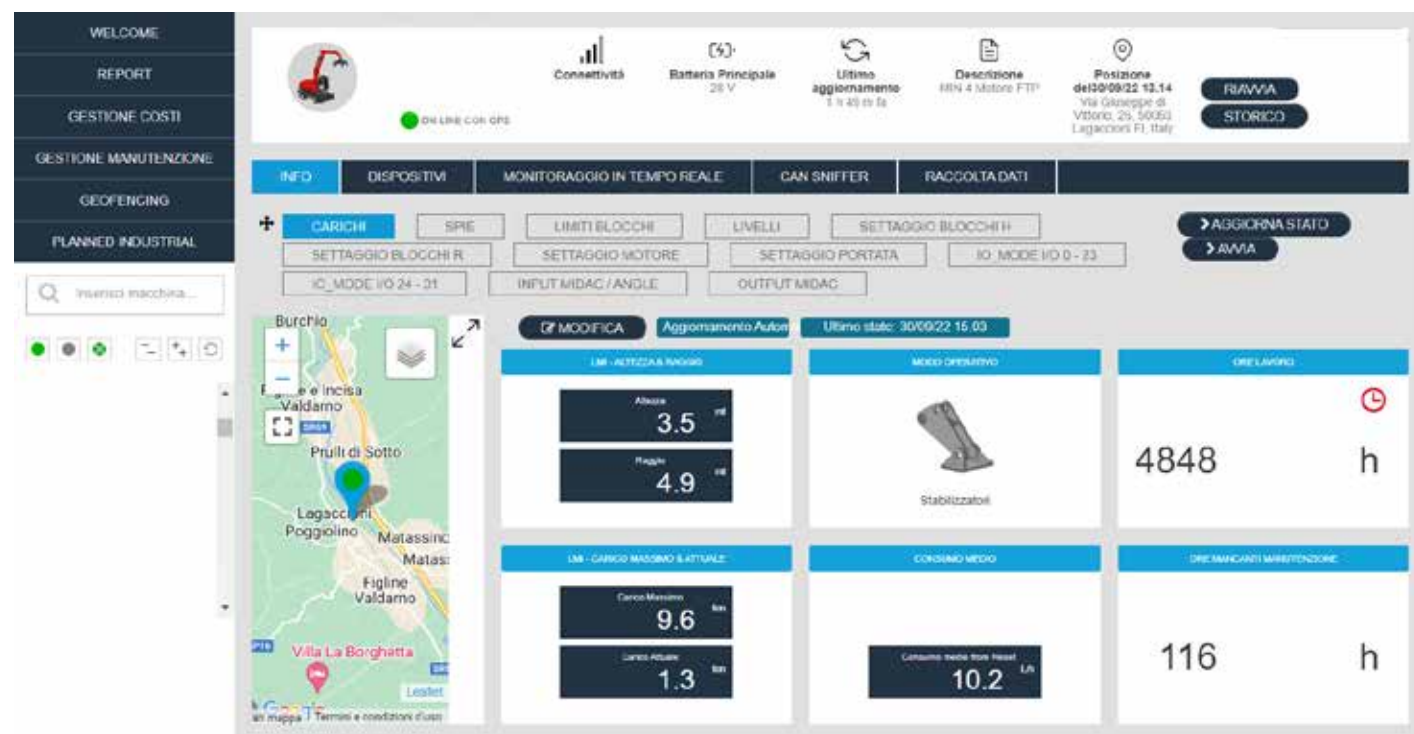
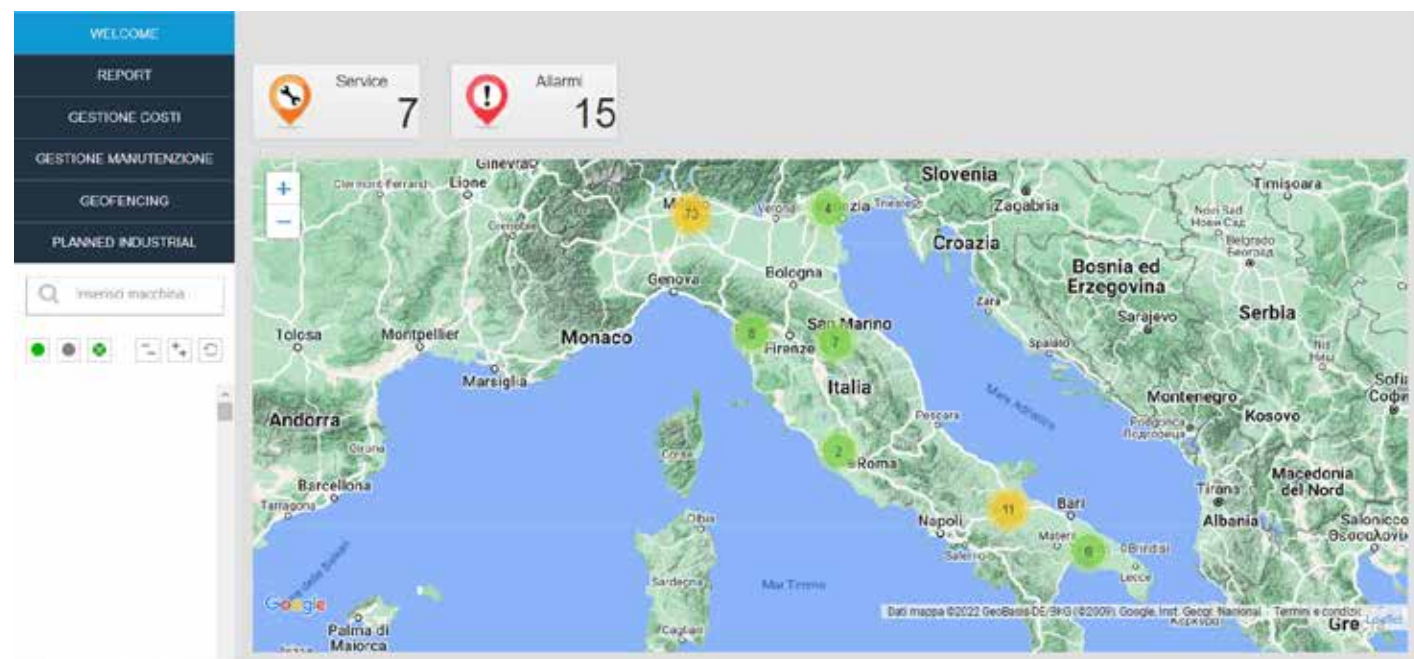


Cybersecurity Ready



Layout accattivante e facile da usare (personalizzabile)
Design flessibile per PC, smartphone e tablet (responsive)
Compatibile con sistema operativo Microsoft Windows, iOS e Android
Piattaforma multilingua, Portale web personalizzabile con colori e loghi
Autenticazione utente sicura (HTTPS) e SSL

Attractive and user friendly layout (customizable)
Flexible design for PC, smartphone and tablet (responsive)
Compatible with Microsoft Windows, iOS and Android operating system
Multilanguage platform
Web portal customizable with colours and logos
Secure User authentication (HTTPS) and SSL



INTELLIGENCE ANALYSIS



- COBO è in grado di offrire un sistema su misura e intuitivo, affidabile e flessibile
- Consente di ridurre i costi ed aumentare la sicurezza sul lavoro
- Monitoraggio continuo e gestione delle funzioni da remoto
- COBO is able to offer an intuitive, reliable and flexible Tailor Made" system
- It allows to reduce costs and increase safety at work
- Continuous monitoring and management of functions remotely



- Raccolta e gestione dei dati statistici e di efficienza
- Assistenza tecnica immediata in caso di imprevisti
- Manutenzioni predittive e preventive
- Collection and management of statistical and efficiency data
- Immediate technical assistance in case of unexpected events
- Predictive and preventive maintenance



- Invia elenco di attività in remoto per la pianificazione delle attività
- Un avanzato sistema di localizzazione GPS per la gestione dei flussi operativi
- Soccorso e monitoraggio immediati in caso di incidenti
- Send task list remotely for task scheduling
- An advanced GPS tracking system for fleet management
- Immediate rescue and monitoring in case of accidents

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