



Healthcare monitoring solutions



INMANIBUSMEIS



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## What is INMM

**INMM®** provides advanced medical technology systems, including patient tracking, screening and management for a wide spectrum of healthcare professionals. Providing information and support systems for first aid rescue teams, doctors, coastal guards, ambulance crew and for military rescuers. Electronic guides help to bridge language barriers and foster interoperability between all frontline workers, even in multinational scenarios.

**INMM®** provides wearable technology for remote monitoring of biometric parameters, for operational security purposes and support data collection on casualties, delivering data transmission from disaster site to the treatment facilities, ultimately allowing the responders to manage rescue operations safely and efficiently.

**INMM®** telemedicine technologies also provide an automatic compilation of health reports, with the ability to transfer data via the platform and allowing immediate remote control of their patients. **INMM®** technologies enable precision when recording medication, taking specimens and creating a medical history record, therefore delivering the highest quality of care.



Innovation in the Healthcare assistance

Innovative research and development projects, along with patents already filed



Registered NATO supplier



Training Facilities for up to 100 scholars

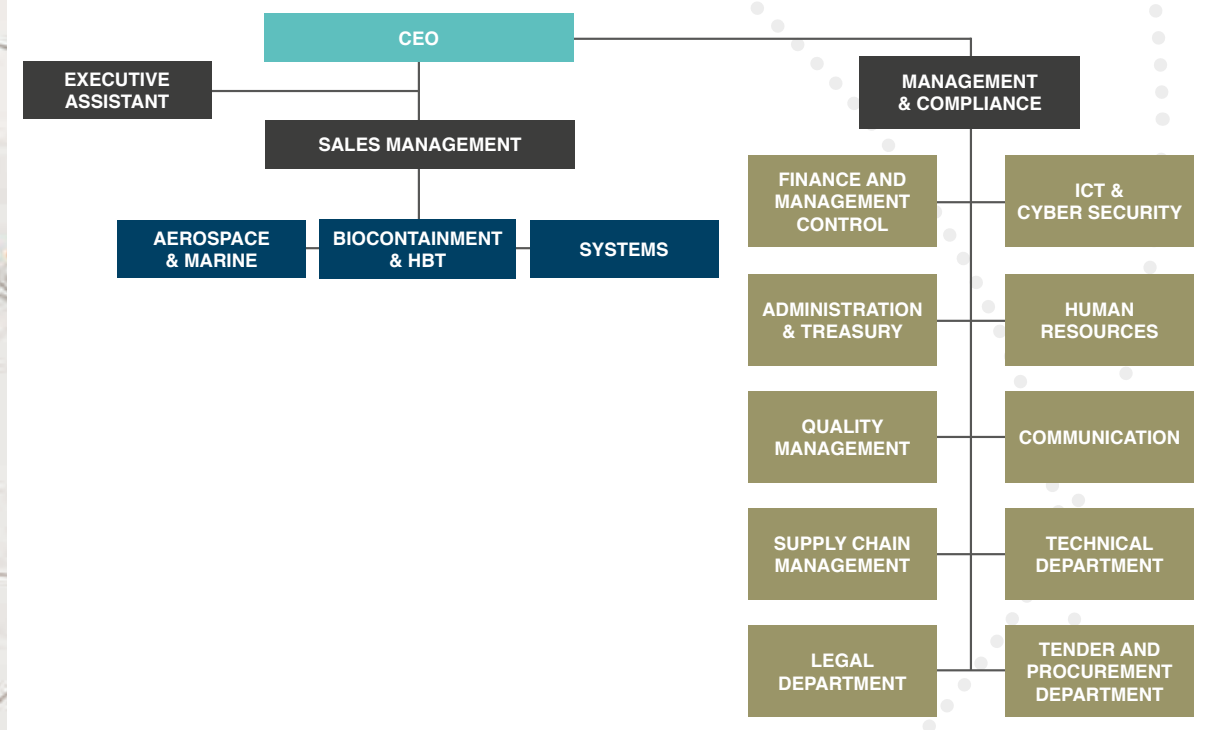
Continuous and stringent testing on field before release





# Organisation chart

## ORGANISATION CHART APRIL 2021





## INMM® In numbers



**5**  
system

SYSTEM SOLUTIONS



**100%**

COMPLAINT QUOTAS ON THE TOTAL OF SUPPLIERS FOR AERONAUTICAL PRODUCTIONS



**50**

EMPLOYEES



**7587**

HEALTHCARE PERSONNEL TRAINED IN E-LEARNING



**42%**

FEMALE QUOTAS



**2850**

HOURS OF TRAINING PROVIDED



**40**

QUALIFIED SUPPLIERS



**9001 27000**



**27**

COMPLAINT SUPPLIERS FOR AERONAUTICAL PRODUCTIONS



**NATO RINA**

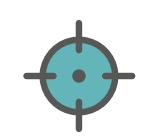






# IT-HEALTH™

Screening and data flow management for profiling and compiling health card for foreign citizens.



**PATIENT TRACKING IT-HEALTH™**  
 Each individual is assigned a medical tag - **GENUS TAG** Technology - working both as visual tag to access to health care as well as real component of the informative system to profile health data.



**DATA COLLECTION IT-HEALTH™**  
 System permits data collection guided through unified protocols throughout the whole chain of care, both from client or desktop devices, directly at entry points - airports, sea-ports and on board of ships.



**HEALTH CARD**  
 All medical health record as well as the personal and clinical data are securely encrypted, privacy is protected according to regulations in force. Synchronisation of data is forced by the system through the **GENUS TAG** either to write, view and update data.



**DATA SHARING**  
**IT-HEALTH™** Data sharing and integration, increase the operative efficiency and reduce the possibility of clinical error risks. Further clinical evaluation and data update are always possible along the chain of care and help increase data accuracy.



**SECURITY**  
 Access to **IT-HEALTH™** System is permitted only to authorised personnel, who are forced to login in specifying their professional profile thus identifying themselves and giving automatically their position and role in a mission.







## GENUS KIT™

**GENUS kit™** is an innovative solution that integrates and exploits the MA-XXIE™ and IT-HEALTH™ platforms, (applications installed upon smartphones and tablets) to provide the automatic compilation of health reports by continuously monitoring patients' vital parameters. This offers the ability to transfer data via a telemedicine platform, allowing health professionals to have immediate remote control of their patients.

**GENUS kit™** allows the transmission of the patient's parameters in real time using wireless technologies in confluence with a series of enclosed medical devices. Patients who are most likely to benefit from this method of operating are patients who are chronically ill, those with disabilities and all cases of homebound patients with medical difficulties.

**GENUS kit™** ensures a reduction of patient travel to medical facilities and enables continuous remote monitoring of specific parameters and health factors. If abnormal parameters are detected, the appropriate staff will be alerted, offering rapid responses and assisting the patient remotely.

This kit allows constant monitoring and ensures a specific health care service can control and activate specialised and professional opinions via remote consultation. This advanced telemonitoring technology, can also provide alternative care for those needing to isolate due to COVID19.

This kit is easily transportable and is supported by a technical care service, providing training/verification of data collection and also sanitization processes.

Severe type I and type II diabetes	POC for measuring blood parameters
Chronic heart and cardiorespiratory insufficiency	Glucometer
Chronic obstructive respiratory insufficiency COPD	Electronic balance - continuous ECG or electrocardiograph
Patients with stroke or transient ischemic attacks	Respiratory rate detector
Patients with Covid19	Ultrasound
Saturator for measuring peripheral O2 saturation	System for sending photographic images (diabetic foot, etc.)
Non-invasive blood pressure meter NIBP	
System for sending radiological and ultrasound images	







## MAXXIE™

### MAXXIE™ Dynamic Patient Tracking System

This dynamic and complete System, based on client/server applications, coordinates resources and human resources in Complex Event Management. It makes use of GENUS TAG developed on IN MM technology, which traces the patient during each activity and preserves his clinical history.

### MANAGEMENT OF RESCUERS

**OPERATIONAL ROLES** - assignment of the operational role in the command chain, display of the field of action data parameterised according to the role assumed.

**OPERATOR PROFILING** - the software profiles the user and offers a set of optimised and selected screens, aimed at facilitating the flow of data entry.

**CONTROL ROOM** - operations centre functions coordinate, integrate and provide input information from rescuer client devices and automatic messaging.



Patient management with potential internal diffusive infectious disease of the naval and port grounds, generates new management challenges of the emergency:

Logistics

Medicalization

Assets with PPE / biocontainment

Contact management

Reconnaissance and triage





**MCCS™**

**MCCS™ Medical Command and Control (MED C2) System**  
 Mobile health management information system of Command and Control (MED C2) for international operating sites.



**MCCS™ Medical Command and Control (MED C2) System**  
 simplifies staff training, logistics, protocols and standardisation of user procedures. The System has already been used and stringently tested within different operations, receiving excellent feedback from users whilst also demonstrating its capability of improving preparation and helping users to achieve the final target while saving time and optimising resources. Global Medical Assistance including patient pathway management and medical information reports.

Real-time medical information	DVI Disaster Victim Identification
Remote Operations	Front-line Casualty Management
Forward Operating Bases	Incident Management
Case study	Non-combatant Evacuation Operations
Adequate clinical follow up	





## TRAMA™

### TRAMA™ Remote Safety Monitoring System

Wearable technology for remote monitoring of biometric parameters for operational security purposes.

fire brigade

workers of construction sites and platforms

military activities

workers in harsh environments

rescue workers

### THE TRAMA SOLUTION™

TRAMA™ arises from the need to master safety, health and operational efficiency of persons engaged in activities that involve fatigue and therefore may constitute a risks to their safety. It is a biometric parameter detection and monitoring system consisting of **medical probes** able to transmit reliable clinical data, via Bluetooth, to the **APP TRAMA™** which in turn shares information with the SERVER application **TRAMA™**.

It allows the setting of performance control thresholds, and in case of overcoming, triggers a visual / sound alarm.

### TRAMA SENSORS™

They allow the detection of pulsoximetry (Spo2): the measurement of heart rate and oxygen saturation, allowing the evaluation of the physiological state of the operator and their operational efficiency in real time.







## BIOCONTAINMENT / HBT

Team of doctors, nurses and biologists with more than ten years of experience in critical environments and war theaters who are able to develop health care plans with biocontainment assets.

Patient management	Decontamination HUB
Transport by road	Patient tracking
Transport by helicopters, planes and boats (Medevac, Stratevac)	Negative pressure biocontainment chambers
Construction of field hospitals	

### Health Biosafety Training

HBT Specific objective of the training is the activity of simulation and continuous training support to the personnel involved.

System validated by Italian Ministry of Health that trains both health services and armed forces. Ability to train up to 7000 people remotely using a proprietary platform.

**HEALTH  SAFETY TRAINING®**



# AREAS OF APPLICABILITY



## SYSTEM INTEGRATIONS

For Cruise condition above a certain threshold, Satellite communication should be used instead of LTE to have a continuous data coverage.



### Data Management/Recording

Management software for patient status monitoring



### Operator

Aircraft status

Fleet tracking

### Optional

### Ground Control Station

Patient status monitoring

Treatment preparation knowing the patient status in advance

Patient queue management knowing transport system position



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