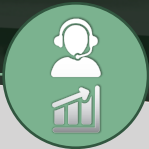# MOBILE EMERGENCY CARE SERVICE

Devices, sensors and cameras fully integrated in a single georeferenced interface. Solution to management and correlation of events and critical alarms, received from specialized information systems, working towards agility and better conduct in the proper search of life support resources.

Information obtained from attendance process, with detailed statistics and analysis of the medical protocols, aiming at the constant improvement of operations.

Embedded computerized resources in the mobile units for automated sending of data and images (eHealth) to the medical regulation center, during all phases of the removal process.

Shared information: ability to integrate with external public service agencies that need information from mobile care and emergency systems.

Hospital readiness: capacity of the integration of the dispatching center of mobile units with hospitals to activate the automatic search functionality and reservation of hospital beds, in accordance to the patient's conditions.

CHRONOS Rescue

CHRONOS
////////////// *RESGATE*

Vehicle dispatching solution and management of mobile emergency care services. Integrated technologies with information coordinated by various agencies at the service of SAMU (Mobile Emergency Care Service), fire brigade and private emergency companies.
Complete fleet management and on-board resources, based on centralized dispatching or to do with distributed bases, across different geographic areas and regions.

MEDICAL REGULATION STAFF

AMBULANCE

HOSPITALS

CAD CHRONOS

MEDICAL COMPUTERIZED RESOURCES eHealth

AGENCIES EXTERNAL Safety

DISPATCHING BASES

ALERTS

MEDICAL PROTOCOLS OF CALLS

Used by call operators (192 and 193 for public services). Automatic and standardized processes of attendance and receiving of the basic data of the occurrence, such as the name and telephone number of the applicant and information of the victim.

According to structured questions and use of intelligent software for medical protocols, the solution classifies the occurrence and storing all information in the database.

MEDICAL REGULATION

Used by operators responsible for the medical evaluation of the occurrence and classification of the respective type of conduct to the victim according to their needs. CHRONOS storages the clinical assessment record and medical conduct in the central database. It processes strategic information for the service performance analysis and continuous process improvement. The medical regulation team has access to the images and short videos generated during all the mobile care provided to the victim, for the complete follow-up of the prehospital procedures.

FLEET CONTROL AND RESOURCE MANAGEMENT

Used by operators to manage mobile units maintenance, management of readiness embedded resources, scales and shifts, operations performance and drivers evaluation. CHRONOS provides information and alerts that enable complete inventory control, fleet fuel supply, traffic infraction monitoring (by driver identification) and detailed history of each vehicle, such as tire exchange with purchase data, life, supplier, among others.

MOBILE UNITS DISPATCHING

A visual dispatch alert on the mobile unit allows the available, suitably equipped and properly positioned unit to be moved to the place of occurrence and from there to the hospital.

The dispatch alert informs the attendance and destination locations, as well as the most appropriate route for each one. From dispatcher´s operational position it is possible to access the georeferenced incoming call flow, that allows to see with precision and agility, all the calls and vehicles locations.

RESOURCE AND DEVICE TRACKING

The data collected during the course of the operation are kept in the central database, by the platform shipped in the mobile units, and can be accessed and analyzed by qualified operators at any time remotely and respecting the access profiles adopted for the solution.

The vehicle tracking system enables operators to monitor real-time allocated resources; tracking mobile units with updated position and speed information; event management and alerts displayed on the main map of georeferenced calls.

BUSINESS INTTELIGENCE

Set of technologies, data architecture and applications to establish indicators, create reports, statistics, summaries and detailed visualizations of the data inserted in the central database CHRONOS, presented in the forms of scorecards, spreadsheets and graphics of many types. It allows operators to make queries and correlations between events that characterize a specific situation, by period, area and other aspects of the analysis.

CAD - CHRONOS
EMERGENCY CALLS
REGULATION
DISPATCHING