Improving safety with an automated information system: INTEGRAL REMOTE SAFETY CONTROL FOR VEHICLE AND EQUIPMENT
The vehicle and equipment automated control system designed by Bonatti, strongly wanted by the Company Management and born from the mutual cooperation of the internal I&T, Logistic & Maintenance and HSE Departments, is a combination of computer hardware, software and firmware, configured to accomplish full remote control, processing, and storage of information from company vehicles and equipment, in order to achieve continuous and effective safety monitoring.
2. CONCEPT

All Equipment provided with control & transmission module device

Data logs sent to the website and stored in a Secure Bonatti Cloud

www.bonatti-mpm.com website accessible from all Bonatti projects

The system verifies if the use of equipment is in compliance with safety requirements

In case of non-compliance the system generates automatically an EMAIL or SMS to HSE and Maintenance DPT

CORRECTIVE ACTION

STOP! NO INCIDENTS

SecureCloud
THE SYSTEM ALLOWS WEB-BASED MONITORING TO KNOW FROM HEADQUARTERS AND PROJECT LOGISTIC BASES WHERE THE EQUIPMENT IS AND HOW IT IS USED.
4. HOW THE SYSTEM WORKS

EACH EQUIPMENT HAS ON BOARD THE TWO MAIN ELEMENTS OF THE CONTROL SYSTEM:

- **A CONTROL MODULE**
  that manages sensors/CANBUS of equipment and the control processes

- **A TRANSMISSION MODULE**
  that manages receiving and trasmission processes by GPRS/GSM/SAT and GPS localization
5. INSTALLATION STATUS

Up to now more than 300 installation are completed:

- Europe 35%
- Saudi Arabia 20%
- Mexico 35%
- Kazakhstan 5%
- North Africa 5%
Accessible to HSE Staff and Maintenance personnel, clear interface, makes possible remote supervision in real time of utilization parameters of the equipment.
ZERO INCIDENTS!

“NOBODY GETS HURT”

&

“EVERYBODY GOES HOME SAFE”