

# SDIS 51 (Fire & Rescue Service of Marne) uses the L.E.G.O embedded solution to manage casualties from the field to the Emergency Medical Service

## Objectives of the project

- **Deploy the Command & Control Solution** and the Geographic Information System (GIS) in **mobile appliances**,
- **Have an integrated Command & Control Mobilising system** that integrates GPS guidance, appliance geolocation, operational message and data transfer (ANTARES, SYSTEL CAD, GPS GARMIN),
- **Dematerialise medical reports**, enrich them with detailed information and then send them **in real time to the EMS regulation** and to hospital services chosen to receive the casualties (**ABCDE report with photo, ECG, ...**),
- Provide responders with **operational decision support tools** that can be **directly used in the field** (documentary database, mapping, DECI database, ERP database, business application, etc.).

## Key figures of SDIS 51

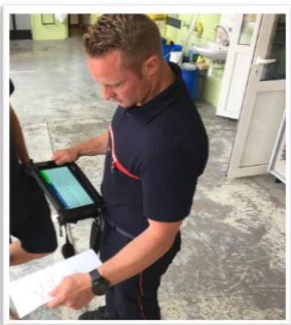
- **Category B**
- **403** Professional Firefighters
- **2500** Volunteer Firefighters
- 94 Administrative and Technical staffs
- **34 000 incidents per year**
- **90 tablets equipped with L.E.G.O**



## Implementation and evolution

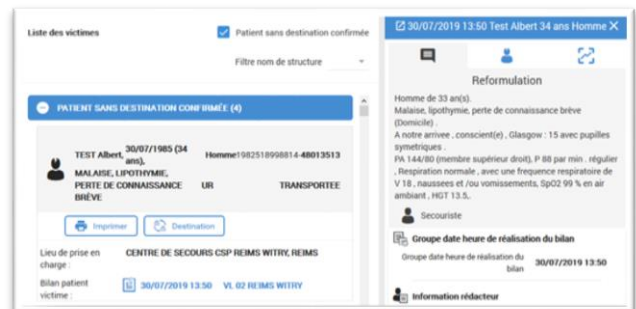
- *January 2019* : Start of the public procurement procedure
- *May 2019* : Training sessions and preparation of the application
- *July 2019* : Implementation in 2 stations
- *September 2019* : Validation of departmental deployment
- *November 2019 – March 2020* : Deployment in the other 27 stations.

**Collaboration between SDIS 51 and SYSTEL to improve the ergonomics of the casualty's medical report.**



## Focus on the Emergency Medical Service Interface :

- **Simplicity** of the interface
- **Accessible** from any workstations connected to internet
- Visualisation of a **reformulation** of the medical report **fully configurable** to meet the requirements.



The screenshot shows a web interface for managing emergency medical services. It includes a search bar for 'Liste des victimes', a filter for 'Patient sans destination confirmée', and a detailed view for a patient named 'TEST Albert, 30/07/1985 (34 ans)'. The patient's status is 'MALAISE, LIPOTHYMIE, PERTE DE CONNAISSANCE BRIÈVE'. The interface offers options to 'Imprimer' or 'Destination' the report. A 'Reformulation' section allows for editing the report, including fields for 'Lieu de prise en charge' (CENTRE DE SECOURS CSP REIMS WITRY, REIMS) and 'Bilan patient victime' (30/07/2019 13:50 - VL 02 REIMS WITRY). The interface is clean and user-friendly, designed for quick data entry and reporting.