WEB LS

Web based monitoring software for LS/LT data loggers
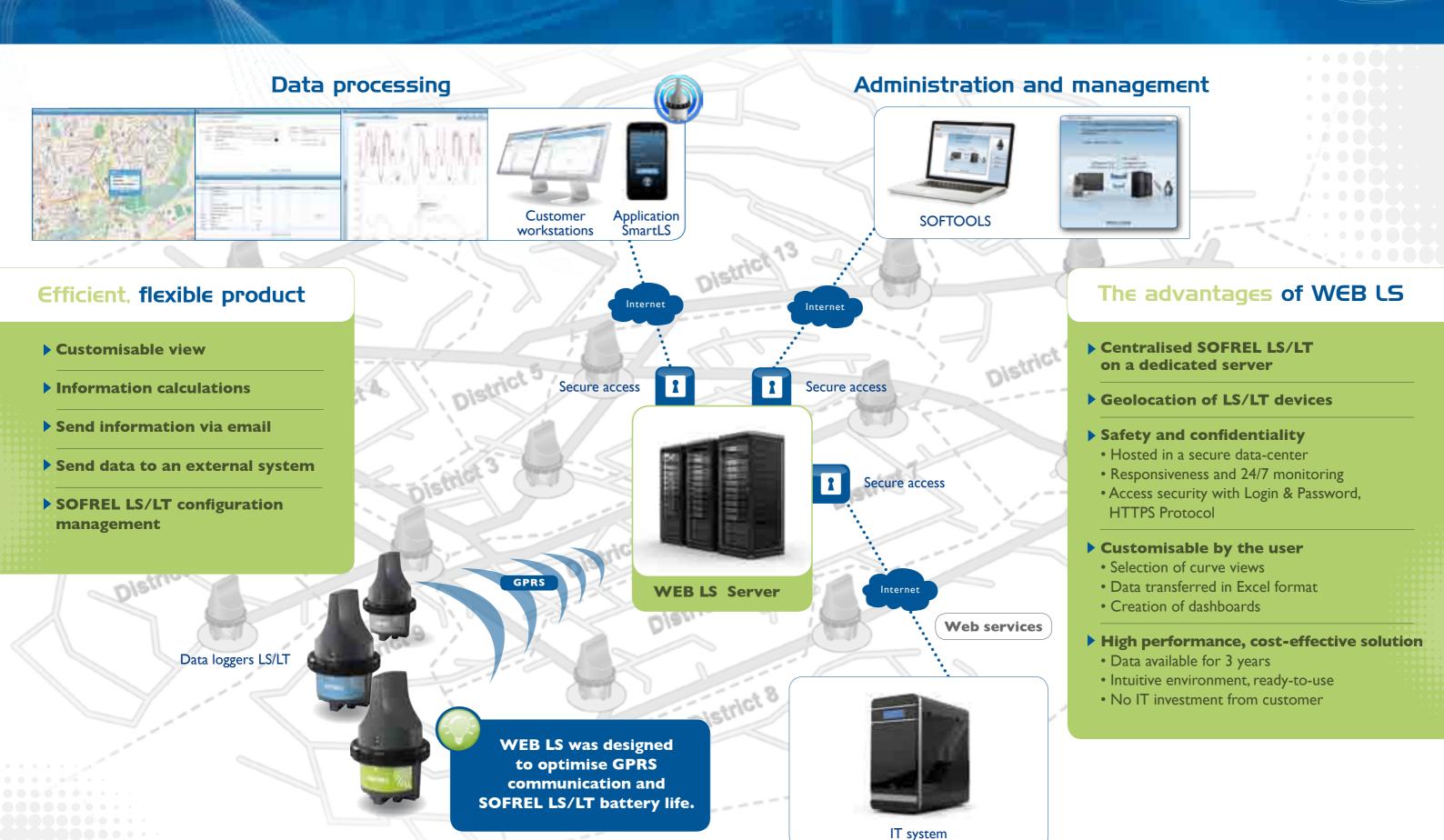
The IT sector is developing towards new solutions, including cloud computing, combining greater performance and security while also reducing costs.

WEB LS builds on this technology to provide an online software platform for centralising and operating SOFREL LS/LT data loggers.

With WEB LS, any restrictions entailed by managing a dedicated IT system are removed: a browser is all that is needed to adjust settings and use data obtained from an LS/LT network.

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WEB LS: Web based monitoring software for LS/LT data loggers

Data processing

Customer workstations

Application SmartLS

Administration and management

SOFTOOLS

District 13

District 5

Internet

Internet

Efficient, flexible product

▶ **Customisable view**

▶ **Information calculations**

▶ **Send information via email**

▶ **Send data to an external system**

▶ **SOFREL LS/LT configuration management**

District 4

District 3

Secure access

Secure access

The advantages of WEB LS

▶ **Centralised SOFREL LS/LT on a dedicated server**

▶ **Geolocation of LS/LT devices**

▶ **Safety and confidentiality**
  • Hosted in a secure data-center
  • Responsiveness and 24/7 monitoring
  • Access security with Login & Password, HTTPS Protocol

▶ **Customisable by the user**
  • Selection of curve views
  • Data transferred in Excel format
  • Creation of dashboards

▶ **High performance, cost-effective solution**
  • Data available for 3 years
  • Intuitive environment, ready-to-use
  • No IT investment from customer

District 7

Secure access

District 1

Internet

WEB LS Server

GPRS

Web services

District 9

District 8

Data loggers LS/LT

WEB LS was designed to optimise GPRS communication and SOFREL LS/LT battery life.

IT system

WEB LS is a PaaS (Platform as a Service) solution. It enables the user to manage their own user accounts, SOFREL LS/LT devices, and viewing options (lists, curves).

Highly flexible, the different levels of service mean that systems integrators can suggest WEB LS services to end users.

Personal administration

- Various management levels available, (Distributors, Operators, Subscribers)
- Customised logo and login

Customisable view

- Configurable view components
- Curves with statistics
- Data exported in Excel
- Data stored for 3 years

Sharing information

- Data automatically shared by email
- Email alerts (state changes, etc.)
- Send to FTP (Excel compatible files)

Auto-configuration of LS/LT network

- WEB LS server configurations automatically communicated
- Free SOFREL LS/LT network tree structure

Smartphone application and internet compatibility

- SmartLS* application for displaying and acknowledging alarms, viewing list items, etc.
- Multi-browser compatibility: Internet Explorer, Mozilla, Firefox, Google Chrome, Safari, Opera, AOL

* Downloadable free from Google Play

LS/LT geolocation

- **Centralised geolocation**

  - Device configuration and display
  - Geographic Information System Interface

- **Mobile geolocation (via SmartLS)**

  - GPS position reading and transfer to WEB LS
  - Alarm report: receipt of alarm and calculation of route for access to device

Management of LS/LT devices

- **Configuration management**

  - Between SOFTOOLS and WEB LS: dropping and acquiring configurations (synchronisation on operator connection)
  - Between WEB LS and LS/LT: automatic configuration exchange at time of daily call
  - WEB LS: storage of LS/LT reference configurations

- **Operational exceptions**

  - Temporary modification of archiving periods and frequency of calls to WEB LS

Calculations

- Daily, weekly, and monthly reports
- Boolean, arithmetic, and comparison operators, etc.

External information system acquisition (optional)

- Web Services protocol
- Device list
- Details of each device
- All data archived over desired period

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