



SIAM ST2

Event Monitoring System

Features

- Visualizes alarms and selectively distributes them to the interested users
- Identifies informations by geographical sectors, sectors of operation and families of monitored elements (Signalling, Telecom, Energy)
- Identifies and time-stamps all events and alarms generated (hierarchical system of alarms)
- Records events and alarms for exploitation (analysis, comparison, graphic visualization with or without play back function, ...)
- Allows modification of parameters on line with automatic diffusion into the system after validation
- Permits an unlimited number of user by using a browser and a TCP/IP network
- Captures data with dedicated local controller adapted to the railway environment
- Supply information to all external services in charge of monitoring maintenance

Technical characteristics

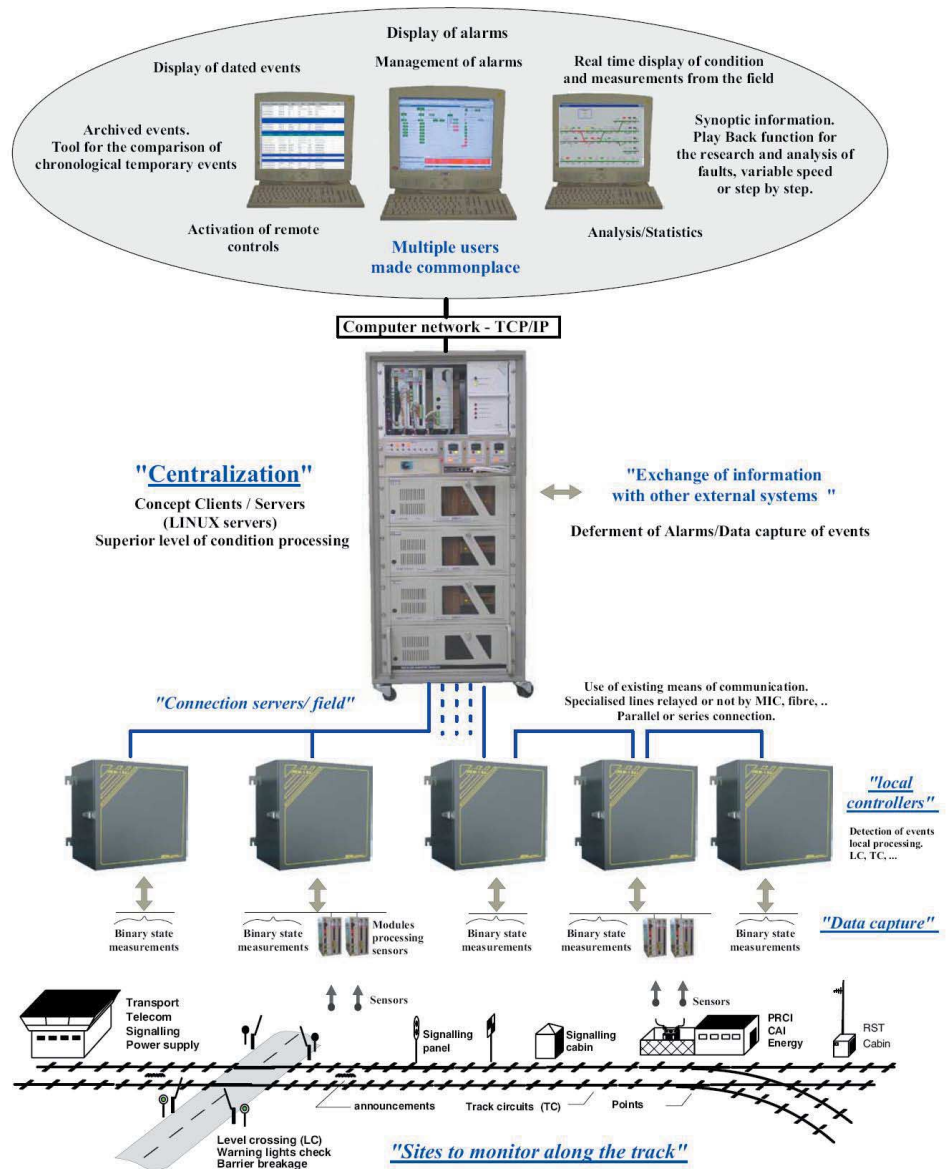
- Centralization computer can manage up to 255 local controllers
- Allows to treat up to 36000 events per hour for a centralization computer
- Each local controller can manage 64 digital input, 16 analogue input, 16 digital output, 128 counting data, specific interface...
- A large scale of Network interface (RS232, JBUS, IP, ...)

IN BRIEF

- Optimises maintenance works and site visits.
- Improves quality of maintenance by the permanent monitoring of all the installation and the possibility to cross-check events and alarms between sites
- Modular architecture allows additional facilities for a large scale of application
- Operates with all types of support.

COMPUTERIZED MAINTENANCE HELP SYSTEM

SIAM ST2



References:

France:

- High speed line: LGV
Paris-Lyon-Marseille (LN1-3-4), LGV
Paris-Strasbourg (LGV Est)
- Most of regions in France:
Paris, Lyon, Marseille, Chambéry, Dijon,
Metz, Nancy, Bordeaux, Toulouse,
Reims, Lille, Renne, Strasbourg,
Amiens, Montpellier

More than 40 installations in France

More than 2000 sites monitored

More than 70000 point of mesure



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