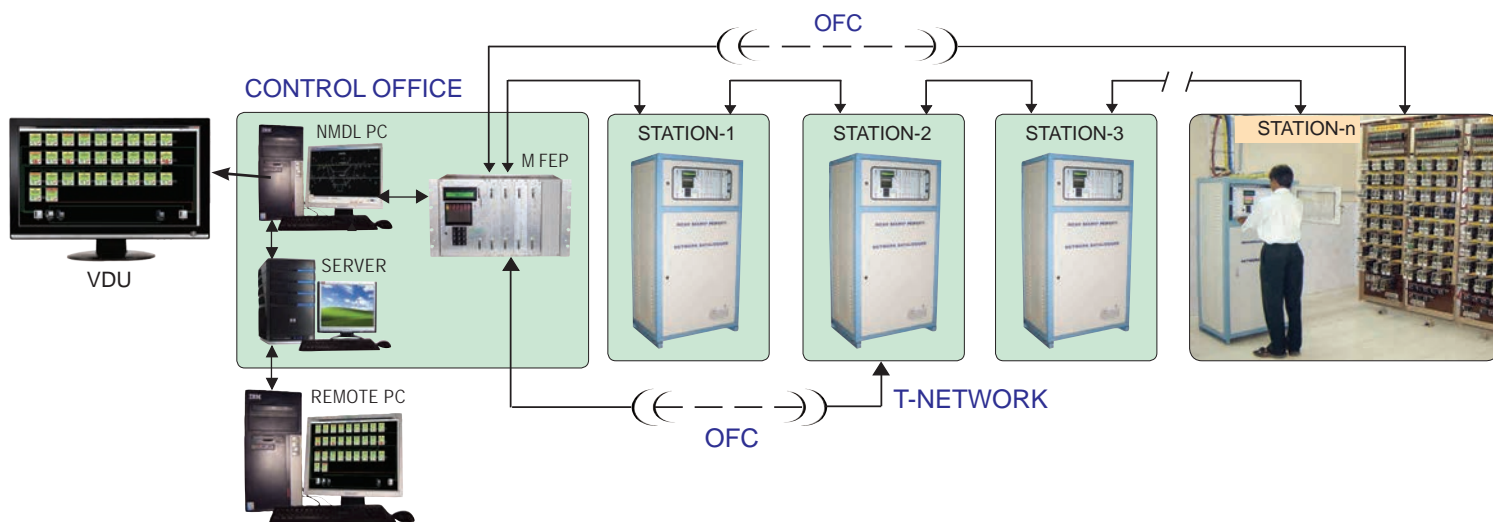


Signaling Monitoring System software provides graphical online presentation of failure status of multiple stations on single screen at central place. The availability of Railway Signaling System is improved by monitoring multiple stations from central place.

Data logger network status also is indicated in the screen of Signaling Monitoring System. This enables centralized monitoring of data logger network, thereby improving the data availability.

SYSTEM DESCRIPTION



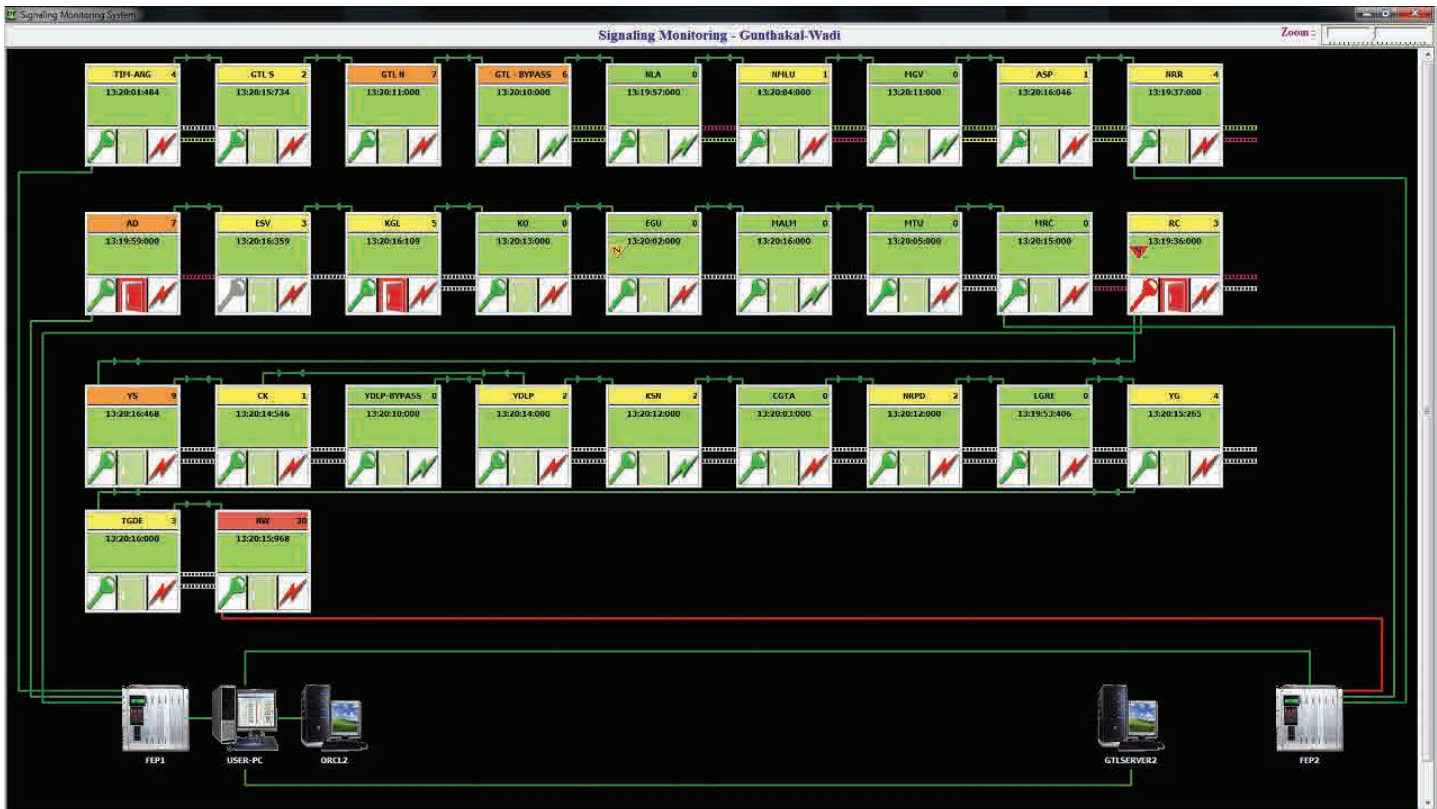
Signaling Monitoring System software can be run in the NMDL PC and displayed in a separate VDU. It is also possible to load the software in a separate PC for remote access.

SALIENT FEATURES

Signaling Monitoring System provides health status of data logger Network as follows:

- ❖ Network Connectivity between the data communication network elements like FEP, CMU, Server at central office and networked data logger / RTUs provided in the field is shown in graphical form. The communication status is shown by giving different colors to the link connecting the devices.
- ❖ Displays the status of following equipment/ device/ parameters for all stations:
 - ◆ Relay room Door, SM Key
 - ◆ Confirmed Faults Count
 - ◆ Data latency [Online/Lag/NoData]
 - ◆ Analog Power Supply Indication [Critical/Non-Critical/Normal]
 - ◆ Data Logger Power Supply Status, Block Section Status
 - ◆ Backup Memory Health Status [NAND Flash]
 - ◆ Failures indications of following EQUIPMENT
 - ◆ EI, BMU, PMU, SSBPAC, DAC
 - ◆ Digital Stack Card, Analog Module
 - ◆ Chattering of digital input
- ❖ Provision for Magnifying the Network Diagram to view health status of particular station in a magnified format

SIGNALING MONITORING SYSTEM DISPLAY OF A NETWORK



SPECIFICATIONS

- ❖ Recommended configuration of PC:
 - ◆ Processor as Core2Duo or higher processors
 - ◆ RAM as 2 GB or higher, Hard Disk with 40 GB or higher
 - ◆ OS with WindowsXp, Windows7 (Starter,Professional), Windows8 (Professional)
 - ◆ Database with Oracle 10g or later versions

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