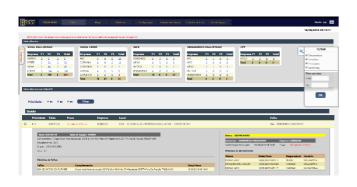


Traffic Light Management Service

The Traffic Light Management Service controls all service orders related to traffic lights showing managers useful itemized information on maintenance services.

The system has been developed to run on a WEB based platform with updated real time information that can be managed by means of any DESKTOP, LAPTOP or SMARTPHONE.

The system provides a color coded updated report of current service orders and their status, besides reporting background information on the latest failures detected per site.

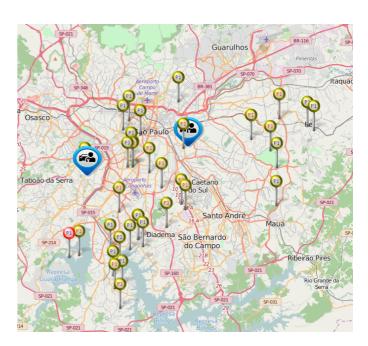


The system includes:

- **INTERNET Access** through any computer connected to the Web.
- TRAFFIC LIGHT MANAGEMENT Software, which enables the control of all service orders.
- MAP-Based TEAM management, to manage service orders showing the location of the team's vehicles and the traffic lights in need of repair.

MAIN FEATURES:

- Operational Costs Control
- Maintenance Control
- Control of Component Background Information
- Team Management Control
- Map-based Management Control
- Summary of Services per site
- Color-coded Service Status







MAIN RESULTS:

- Operational Cost Reduction
- Fast and precise information on components
- Accurate procurement of materials
- Reduction of Service Time
- Preventive Maintenance Background Information
- User-friendly Service Order Processing

Team geopositioning

Selecione uma equipe

 The map-based management module facilitates the management of service orders by the teams, showing the location of vehicles and traffic lights.

Equipes em atuação

Equipe	Qtd Abertos	Distancia	Material cadastrado	Material utilizado	
EDSON	10	Origem: Av. Celso Garcia, 1749 - Belenzinho, São Paulo - SP, Brasil Destino: Estrada do M'Boi Mirim, 3250 - Jardim Regina, São Paulo - SP, 04905-003, Brasil Distância: 29,1 km Duração: 56 minutos	Não possui materiais	Não possui materiais	Atribuir
SANDRA	5	Origem: Av. Corifeu de Azevedo Marques, 3097 - Vila Butantã, São Paulo - SP, Brasil Destino: Estrada do M'Boi Mirim, 3250 - Jardim Regina, São Paulo - SP, 04905-003, Brasil Distância: 21,9 km Duração: 37 minutos	Não possui materiais	Não possui materiais	Atribuir

Failure Characterization

Prioridade	Talão	Prazo	Empresa	Local	Falha
1/ H	026844/16	115 min.		1662 - ARTUR DE AZEVEDO, R x EUGENIO LEITE, R CON - PINHEIROS	561 - SEMAFORO APAGADO
1/1	026840/16	112 min.		1414 - O, AV NSRA DO - (N 901 - PROX. R. SEBASTIÃO HENRIQUES) - LIMAO	565 - SEMAFORO EM AMARELO INTERMITENTE
1/1	026841/16	112 min.		1476 - SAO VICENTE, AV MARQ DE - (N 206 - PARADA QUIRINO DOS SANTOS) - BARRA FUNDA	564 - SEMAFORO CONFLITANTE

The system provides organized, and detailed user-friendly information on each failure, such as service order number, team number, status, consortium name, company name, operator in charge, location code, site address, nearby geographical references, service order date, opening date, maintenance service date, priority level, presumable failure, date and time of beginning and end of service, identified failure, identified root cause, service carried out, type of service. Thus, a detailed record of events allows for efficient management and control of traffic light maintenance.

