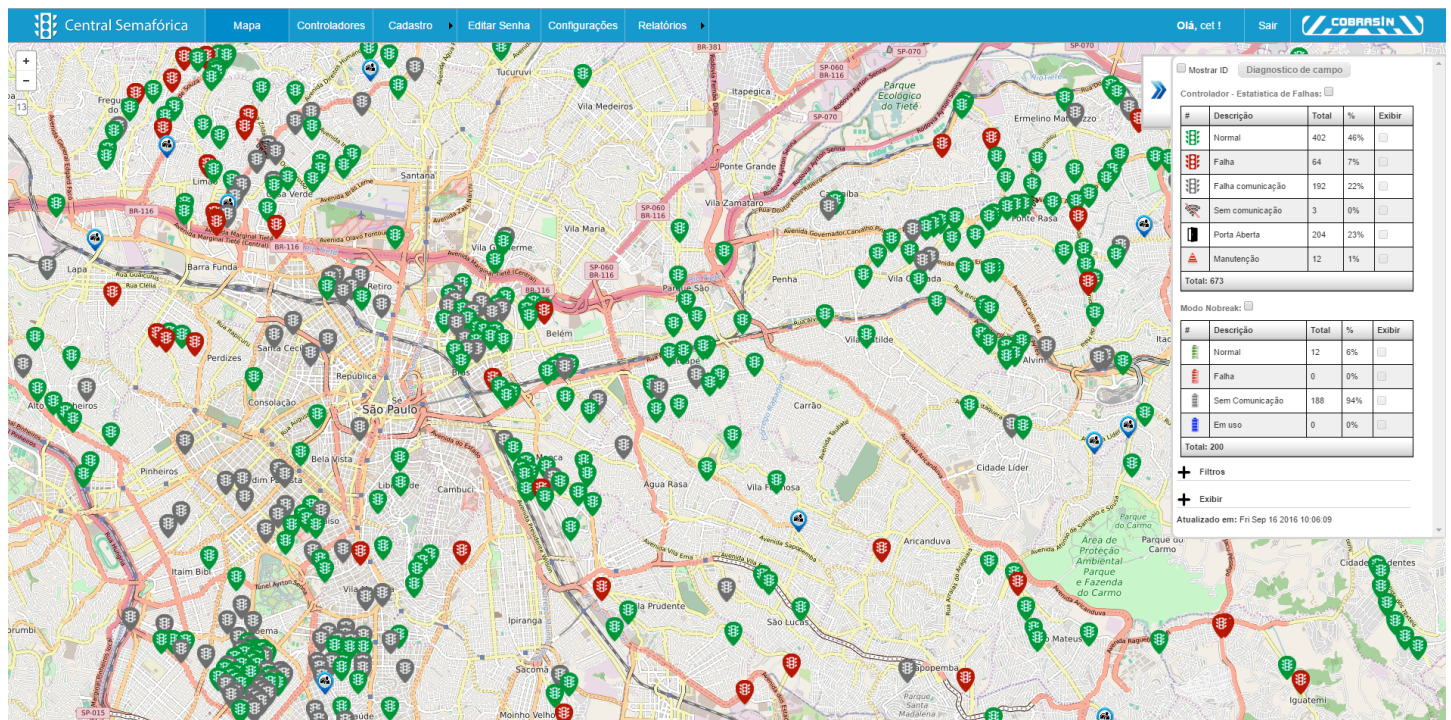


Traffic Light Failure Maintenance Center

The Traffic Light Failure Maintenance Center is a software program that monitors traffic lights and no-break systems in real time. The web-based system was developed to automatically receive information about changes in the status of traffic lights and no-break systems with no human intervention.









Controllers and no-break systems automatically send information about their operational status to the Traffic Light Failure Maintenance Center, even when they are working at full capacity, thus reporting their degree of connection and operational output through 3G, 4G technologies, or cable.







STATUS

The Traffic Lights Failure Maintenance Center allows the operator to monitor controllers through the following status indicators: NORMAL, FAILURE, COMMUNICATIONFAILURE, NO CONNECTION, OPEN DOOR and MAINTENANCE. The status of No-break systems will be monitored as: NORMAL, FAILURE, NO COMMUNICATION and IN USE.

#	Descrição	Total	%	Exibir
	Normal	403	46%	<input type="checkbox"/>
	Falha	64	7%	<input type="checkbox"/>
	Falha comunicação	194	22%	<input type="checkbox"/>
	Sem comunicação	3	0%	<input type="checkbox"/>
	Porta Aberta	205	23%	<input type="checkbox"/>
	Manutenção	12	1%	<input type="checkbox"/>
Total: 676				

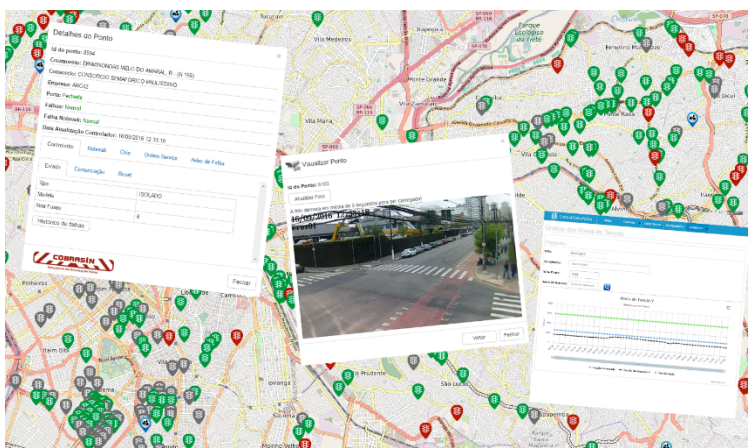
Modo Nobreak: ☐

#	Descrição	Total	%	Exibir
	Normal	9	5%	<input type="checkbox"/>
	Falha	0	0%	<input type="checkbox"/>
	Sem Comunicação	191	96%	<input type="checkbox"/>
	Em uso	0	0%	<input type="checkbox"/>
Total: 200				

CONTROLLERS AND NO-BREAK SYSTEMS

Failures are identified as UNDERVOLTAGE, NO POWER, INTERMITTENT YELLOW LIGHT, STATIONARY, OFF and DISCONNECTED. No-Break System failures are identified as BATTERY VOLTAGE, INPUT VOLTAGE, MINIMUM INPUT VOLTAGE, MAXIMUM INPUT VOLTAGE, OUTPUT VOLTAGE, TEMPERATURE, LOADING VOLTAGE and BATTERY LEVEL. Such data is sent to the Traffic Light Failure Maintenance Center and automatically displayed on the monitoring map. In most cases, issues detected will be solved through the remote RESET function.

All failures can be monitored through **IMAGES**, **SMS** and **EMAIL** and immediately sent to the managers.
The Controller remote **RESET** function will solve 80% of cases.



Diagnostico de Campo

Filtrar Status Controlador

☒ Normal ☒ Falta de Energia ☒ Subtensão ☒ Apagado/Desligado

☒ Amarelo Intermitente ☒ Estacionado ☒ Falha Comunicação

☒ Sem Comunicação ☐ Manutenção ☐ Porta Aberta

10	Normal	Aberta	19/09/2016 10:25:51	Abor
102	Subtensão	Fechada	19/09/2016 10:25:28	Abor
103	Subtensão	Fechada	19/09/2016 10:25:42	Abor
104	Falta de Energia, Subtensão	Fechada	19/09/2016 10:25:45	Abor
105	Normal	Aberta	19/09/2016 10:25:45	Abor

Filtrar Status Nobreak

☒ Normal ☐ Falha ☐ Sem Comunicação ☐ Em uso

05122	0122	Normal	19/09/2016 10:25:45	
05157	0157	Normal	19/09/2016 10:25:49	
05185	0185	Normal	19/09/2016 10:25:43	
05518	0518	Normal	19/09/2016 10:25:43	
05524	0524	Normal	19/09/2016 10:25:45	
05504	0504	Normal	19/09/2016 10:25:45	
05500	0500	Normal	19/09/2016 10:25:45	