



CMS Traffview Adaptive

Smart Mobility with existing infrastructure

An improvement in city mobility requires a management system which is able to integrate with the same philosophy of citizen intermodality.

These days traffic control is not just about moving cars, but about being able to manage other users such as pedestrians, bicycles, vehicles, public transport, etc., each with their own characteristics and fixed specifications, whilst using the same road infrastructure and in the most efficient manner possible.

To achieve this, we need to use a system which is based on three principles:

Proper interoperability between all individuals and entities which are part of the system, regardless of whether they are public or private and whatever the means of transport
Correct preventative, corrective and ongoing maintenance, resulting not only in improved management but also road safety for final users.

Efficient management operations, which can only be achieved using centralized management, which is able to see a city as a whole and not just as a combination of different component parts.

CMS offers a complete and comprehensive solution which is able to assist the different authorities that are responsible for city mobility, based on more than 30 years experience in systems with these characteristics.

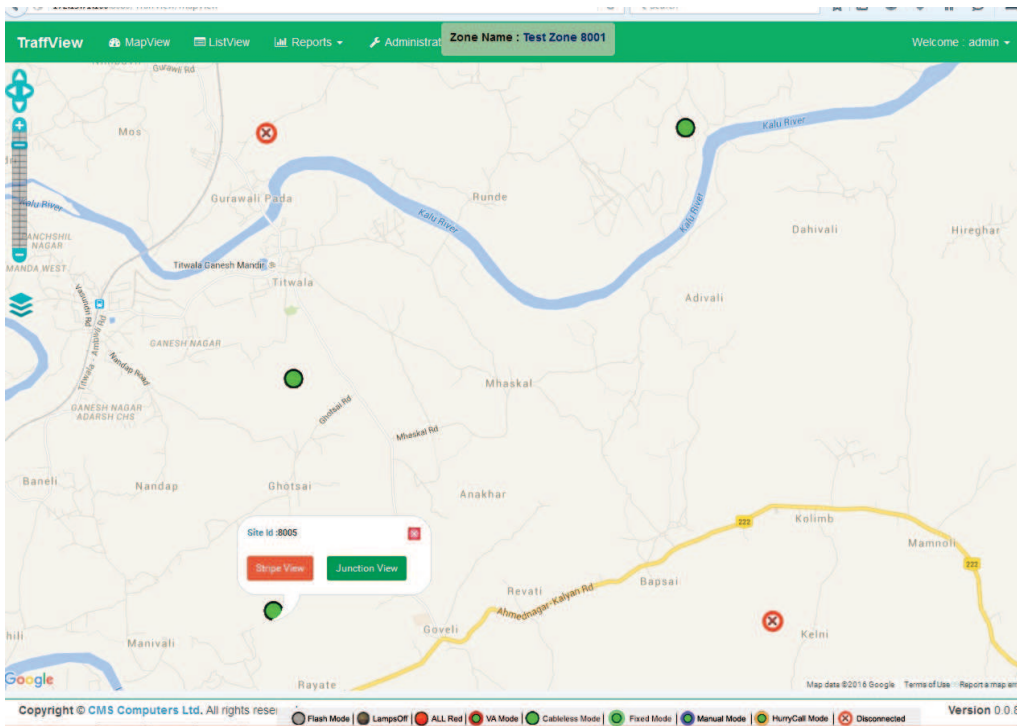
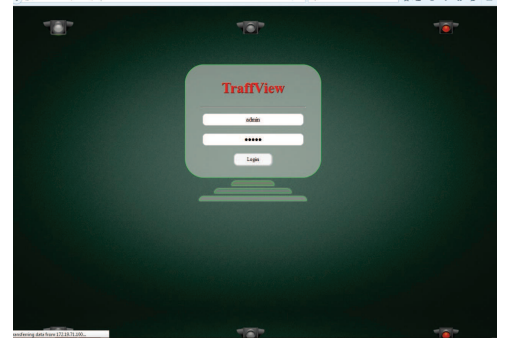
“The CMS TraffView Smart Mobility is an Adaptive Traffic Management solution which supports and provides specific solutions to its clients during all project execution stages, including initial engineering, technological implementation, maintenance support and system operation”.



TraffView Adaptive Control Software

The mobility management and control software - TraffView Smart Mobility - is built on a solid basis due to CMS's experience of building various facilities nationwide, adapting the application to the specific needs of each city.

The client side of the system operates through a web browser, making it available on any device (including mobiles) which has access to a communications network (with the appropriate permissions), leading to lower installation and maintenance costs as well as an increased productivity in terms of maintenance.



“The System works with the most common database managers, allowing information to be sent to a higher profile”

Traffic Operators/ Engineers can configure the system so that it works with the following Strategies:

- Fixed Time through Scheduling
- Micro Regulation
- Systems based on Real time (Dynamic Selection, Dynamic Generation , or Adaptive System)

The application is based on a GIS system which can list all elements that make up a system. In addition to its own junctions, it can manage other traffic management equipments like VMS, ECB, Weather Monitoring Devices & Public Announcement Systems, parking information, etc.

BENEFITS OF THE TraffView SYSTEM

- ➔ *Geolocation of all mobility elements with access to real time traffic information from a central location.*
- ➔ *Modification of traffic parameters from the control center in an integrated manner and with an overall view of the city.*
- ➔ *Highly scalable, allowing the future integration of other equipment into the CMS Smart Mobility platform.*

Ucon Traffic Regulator.

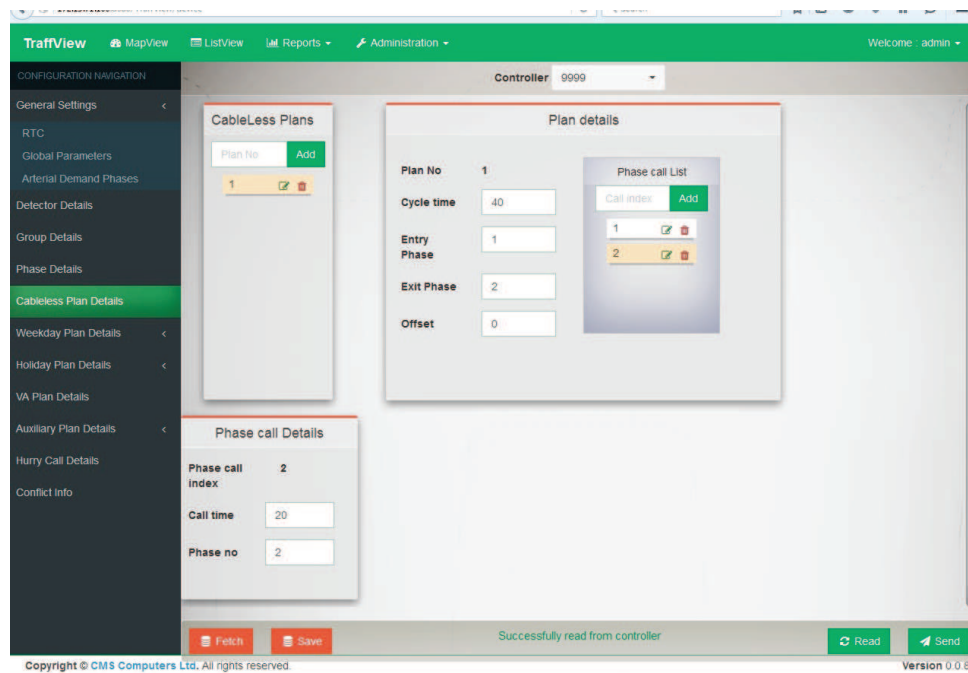
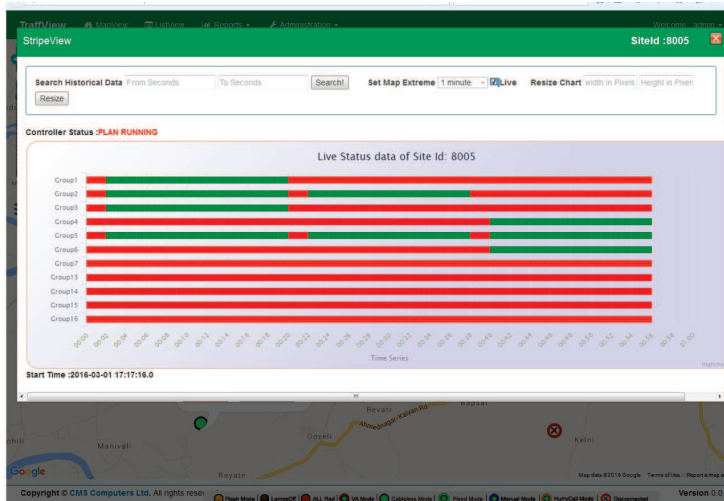
The UCon traffic regulator is the result of more than 30 years of experience installing junction management equipment in cities across India.

Built with the key principle of high security in mind, the equipment, which is completely modular, is designed with the latest advances both in technology and in Traffic Engineering algorithms to be able to provide features such as micro-regulation, public & emergency transport prioritisation, programming and maintenance.

In addition, its modular nature means that it can be fitted with Bluetooth technology for remote maintenance, a GPS clock for correct synchronization in isolated mode, etc., making it the most versatile traffic control system.

Real time access to controller data and also all type of useful information for the traffic engineer for better traffic management.

Improvement in SLA measurement & management parameters, journey times and delays, etc.



SALIENT FEATURES

User Friendly GUI

User Management System

- Application Management
- Privilege Management
- User Group Management
- User Management
- Administration

Junction configuration

- Junction
- Phases
- Stages
- Cycles
- Day Plan
- Week Plans
- Hurry Call
- Detectors
- Corridor
- Junction plan Download
- Junction plan Upload

Online Junction parameter Details

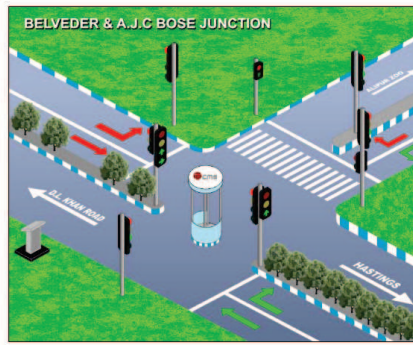
- Mode of Operation
- Running Cycle
- Stage of execution
- Intersection Utilized Cycle time

Remote administration Based

- Flash
- Manual / Auto
- Hurry Call
- All Red

Junction Image

SiteId : 8005



Running Information

Status : **PLAN RUNNING** Plan No : 2
 Running Mode : **CABLE LESS** Phase No: 1
 Cycle Time: 7 Phase Time:
 Controller Time: 13.06.2016 11:51:07
 Status Delay Time (In seconds): 0

POLICE PANEL

LAMPS	HURRYCALL	UTC
1	2	
ALLRED	3	FIXED
4		
FLASH	STEP	MANUAL
5	6	
AUTO	S1	S2
7	8	

UserName	Role	Actions
admin	ROLE_ADMIN	[Edit] [Delete]
jithin	ROLE_ADMIN	[Edit] [Delete]
mytest	ROLE_ADMIN	[Edit] [Delete]
new	ROLE_ADMIN	[Edit] [Delete]
soumya	ROLE_ADMIN	[Edit] [Delete]
test	ROLE_ADMIN	[Edit] [Delete]
test0	ROLE_ADMIN	[Edit] [Delete]
test9	ROLE_ADMIN	[Edit] [Delete]
user	ROLE_ADMIN	[Edit] [Delete]
vishnu	ROLE_ADMIN	[Edit] [Delete]

Groups	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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