



Traffic Controller Asset Management System—TrCAMS™

Remote Monitoring and Interrogation of Traffic Signal Controllers

Millen Corporation provides a unique solution for the interrogation and remote monitoring of Traffic Signal and Pedestrian Controllers called TrCAMS™: Traffic Controller Asset Management System.

"The Technology is, essentially, Plug 'n' Play as it can be installed in 20 - 30 minutes. The equipment automatically connects to the server and to the customers account. The Technology is fully scalable no matter what the size of the customers network infrastructure."

The system provides a secure access for the client, and can be accessed anywhere in the world using a Web Browser through the use of a Desktop, Laptop, Tablet or Smartphone.

It also allows for the client to set up multi user accounts with differing levels of access permissions for staff and contractors.

The Technology is easy to install at each location as it requires a power socket, the RS232C Engineers port on the Traffic / Pedestrian Controller, and the combined GPS/ GSM Antenna to be mounted to the Traffic

Controller Cabinet.

The TrCAMS™ unit automatically connects to the Server and the customers account.

The Millen Corporation Ltd, Canterbury, Kent, Great Britain (UK) CT2 9NW

info@millencorporation.com

+44(0)1227 787454



Traffic Controller Asset Management System—TrCAMS™

CRC Checksum / Analysis:

- Conduct Scheduled or Unscheduled CRC Checksum Interrogation of Traffic Controllers using a Standard or Specific Site file.
- Archiving of Interrogation Files by Controller and allows checksum comparison with previous entries.
- Analysis Tool able to view data by Controller, Type, and Fault Category.

Installation:

- TrCAMS™ equipment is installed in less than 30 minutes and automatically connects to the server and to the customers account.
- No IT Setup required. After installation the unit will be displayed within the list of Traffic Signal Controllers being monitored.

Interrogation:

- Terminal Screen allows remote access anywhere with an Internet connection.
- Power failure Notification when a Traffic Controller has lost Power Supply.
- Configurable alert notification via email, SMS and the type of faults notified.
- Automatic notification of Fault Log Entry when a fault is detected.

Details Logs **Terminal** Settings

Show timestamps Show replaced lines

*Screen shots and available screens may vary.

Disconnect

```
Connecting...
Connected
TOD
TOD:08 59 57
```

The Millen Corporation Ltd, 21 Sunnymead, Tyler Hill, Canterbury, Kent, UK, CT2 9NW
info@millencorporation.com
+44(0)1227 787454



Traffic Controller Asset Management System—TrCAMS™

Safety:

- Improves Safety to personnel in removing the need to use a laptop to connect directly to a Traffic Signal controller in order to investigate or diagnose faults.
- Plug 'n' Play Technology allowing ease of Installation, without the need to switch off existing Equipment or require any hardwiring.

Cost and Environmental Benefits:

- Potential Savings of around two Man Hours per Month on one third of Traffic Controllers connected to TrCAMS™.
- Power Rating of TrCAMS™ Equipment is, typically, One Watt per Hour. This is extremely low compared to other Remote Monitoring Devices.
- TrCAMS™ Installation is a low form factor ideal where restrictions on space within Traffic Signal Controller Cabinets exists.



***Equipment shown is the Gatetel EZ863-GPS/GNSS**

The Millen Corporation Ltd, 21 Sunnymead, Tyler Hill, Canterbury, Kent, UK, CT2 9NW
info@millencorporation.com

+44(0)1227 787454



Traffic Controller Asset Management System—TrCAMS™

New Features added to TrCAMS™:

- ◆ A new 'TrCAMS™ Lite' website for accessing via smartphones—useful for Engineers on the move.
- ◆ Connectivity via XML for exporting of Fault Data to UTMC Common Databases using either FTP, FTPS, HTTP Post, or HTTPS Post.

New Features coming soon to TrCAMS™:

- ◆ Development in the latest Remote Monitoring Hardware exclusively available to Millen Corporation.

For Further Information please contact us below:

T | +44 (0)1227 787454

E | info@millencorporation.com

W | www.millencorporation.com

Or, alternatively, please follow us from the links below for the latest updates.

 www.linkedin.com/company/millen-corporation

 <https://twitter.com/TrCAMS>



The Millen Corporation Ltd, 21 Sunnymead, Tyler Hill, Canterbury, Kent, UK, CT2 9NW
info@millencorporation.com

+44(0)1227 787454