

## COMMUNICATOR LT



- High Level Integration Solution
- Ideal for Remote Monitoring
- Alarm Management
- Archive Logs and Histories
- Over 200 sub-systems supported
- IP and RS232 Connectivity
- Compact Module
- Wall or Panel Mount Enclosure

### Introduction

Communicator LT makes the cost-effective convergence of building services and IT networks a reality. Whether your need is for peer-to-peer high-level networking for integrated systems, or to link remote sites onto existing IT networks for centralised management and enterprise applications, Communicator LT is the solution.

Communicator LT can integrate with a wide variety of third party sub-systems via software drivers. These include Security & Access Systems, HVAC, Fire Systems, Chillers, PDU Monitoring and other building control & monitoring equipment. With over 250 software drivers available, the Communicator LT offers unrivalled connectivity via its RS232 and IP based device ports making integration to new and older legacy systems possible.

Communicator LT is a link between devices and an IP network using a 10Base-T Ethernet port and supports a range of protocols including DHCP, SMTP, HTML, IPBUS and BACnet. DHCP allows the Communicator LT to automatically address itself on the network. SMTP allows the Communicator LT to send emails when alarms occur. HTML allows the Communicator LT to serve simple documents to a standard browser on the network.

IPBUS allows the Communicator to communicate directly with other Communicators and IPBUS devices connected to the network. BACnet allows user data to appear as a BACnet device on the IP network.

Communicator LT is a cost effective data gathering and control solution that is fully compatible with enterpriseBMS (eBMS) and CrossTalk graphical alarm reporting display systems. Communicator LT has been successfully installed in industrial and commercial complexes throughout the world.

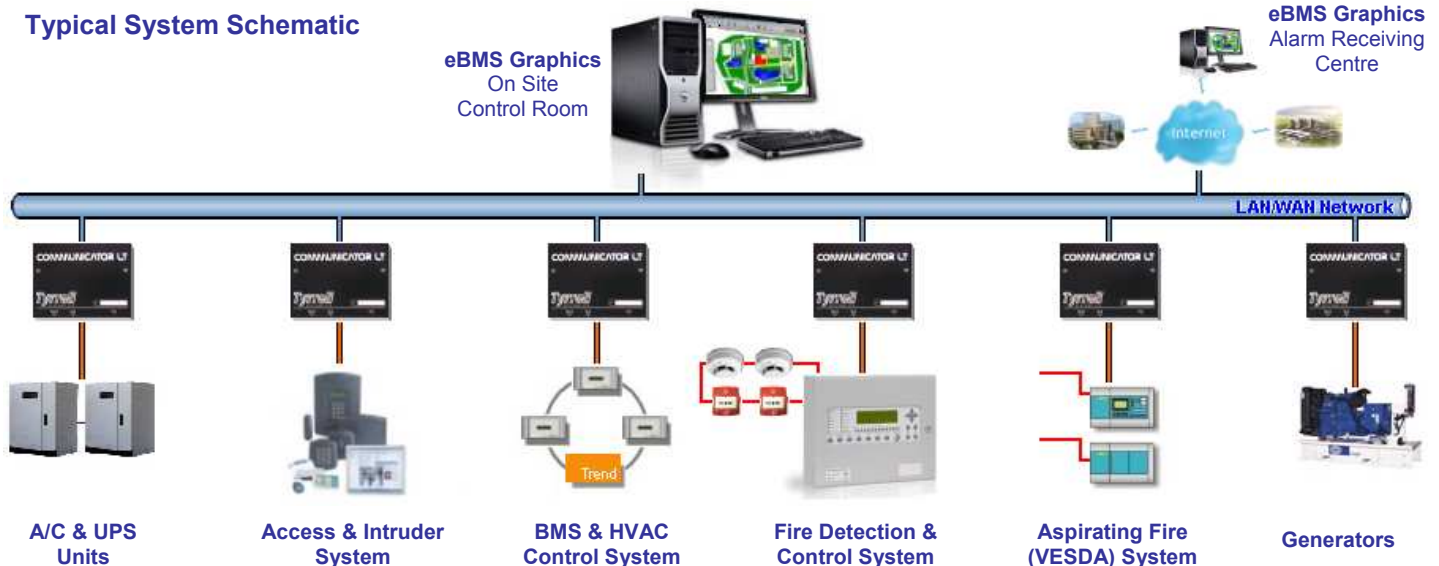
### Applications include:

- Data Centre Monitoring
- Hospitals
- Shopping Centres
- Pharmaceutical Installations
- City Wide Housing Authorities



## COMMUNICATOR LT

### Typical System Schematic



### Alarm Handling

The alarm handling capabilities of Communicator LT include alarm distribution and routing, event history, SNMP trap notification, e-mail notification and monitoring of values and alarm event generation.

### Control

OBV Engine allows the engineer to develop processes to control objects within the Communicator LT, the attached sub-system, and on the Ethernet network. Time control is provided using the date and time available within the Communicator LT to provide on-off time control of other devices. A Calendar is also provided together with Data Logging.

### Mechanical Specification

<b>Part Number</b>	- 01-22106
Construction	- 1.2mm Fully Welded Mild Sheet Steel
Finish	- Epoxy Power coated
Colour	- BS 00 A 05 (grey texture) - lid and box
Cable Knockouts	- 26 total (12 top, 12 back, 2 side)
Dimensions	- 385mm W x 310mm H x 90mm D
Weight	- 6.0 Kg (approx)
Max Battery Size	- 1 x 7Ahr SLA

### Electrical Specification

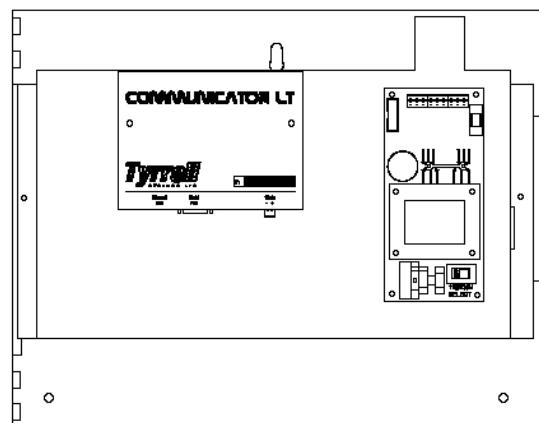
Frequency	- 50/60 HZ
Input Voltage	- 220 to 240 Volts AC/110 to 120 Volts AC
Battery Charge	- 13.7 Volts DC
Load Voltage	- 14.5 Volts DC (nom)
Max. ContLoad	- 400mA
Fault Contact	- 1 amp @ 30Volts DC
Battery Type	- Sealed Lead Acid - 7Ahr max

### Module Only

<b>Part Number</b>	- 01-22107
Dimensions	- 135mm W x 100mm H x 25mm D
Current @12V dc	- 400mA

For full software connectivity driver listing refer:  
<http://www.tyrrellsystems.com/products/connectivity>

### Enclosure Layout



For further information and prices, please contact:

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