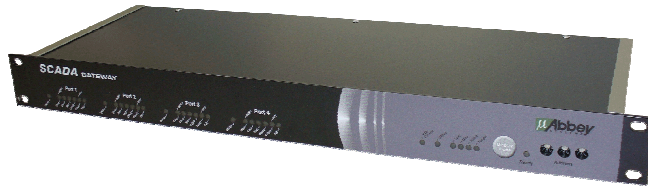


# ***SCADA Gateway***

Abbey Systems **NEW** SCADA Gateways replace the original Modulink SCADA Master serial communications interfaces



SCADA Gateway – Topcat variant



SCADA Gateway – Powercat variant

Available in two versions, for small single radio channel systems with the option of an inbuilt or external radio, or larger multi-channel systems with external radios only.

- Allows for a distributed network architecture to be adopted. The SCADA Master PC can be remotely located from the base radios and antenna network.
- Hot Standby SCADA Master functionality, where a Backup SCADA Master is in use.
- Two Digital Inputs for Mains Fail & Low Battery signals from a UPS or PSU.
- One watchdog driven User Defect Digital Output – connect this to an autodialler should further backup be required.
- Hardware commonality with the Powercat & Topcat RTUs.
- SCADA Gateway - Topcat version also includes four Relay Outputs, replicating the discontinued Modulink System Controller Outputs. These are driven from the SCADA software Alarm Action fields. Not available on the SCADA Gateway – Powercat variant.

## Aspex SCADA Master PC

Aspex & Powerlink s/w



Cellular/  
broadband

PSTN

paging  
network



Laptop with Aspex  
Securelink s/w for cellular or  
broadband access

Laptop with Aspex &  
Powerlink s/w for dial access

Pagers - Alarm notification

SMS Txt Alarm notification  
and Acknowledgement from  
cellphones



Aspex Operator  
workstations  
Full control or View only

Local Area Network



External radio option available

SCADA Gateway - TC  
Communications interface to  
radio repeater and/or RTUs

### Typical SCADA Gateway setup for single radio channel system



SCADA Gateway - PC  
Communications interface for up  
to four different radio channels.  
Multiple Gateways may be used  
on a system.



SCADA Gateways may be located  
at the SCADA Master/Telemetry  
Server or at repeater sites on an  
Ethernet backbone

### Typical SCADA Gateway setup for Multi radio channel system

**μ**Abbey  
SYSTEMS