



Application details

The Universal Gateway has many applications, including using it as a Wireless SCADA system.

Wireless SCADA is required in applications when wired communications to the remote site are prohibitively expensive, or it is too time-consuming to construct.

The SCADA Controller connects via MODBUS to the Universal Gateway. This enables wireless control via SATCOM or RF into another Universal Gateway with multiple MODBUS endpoints.

Easy set-up is standard and available via the Universal Gateway Configurator Application.

Contact your Avlite Sales representative to learn more about the Universal Gateway.

Interfaces available

- RF mesh network communication
- Serial configuration interface via USB
- Satellite communication (SATCOM) interface
- MODBUS TCP/IP
- MODBUS RTU via RS-485
- Discrete IO via general-purpose input/outputs

Min UGW Firmware version: S101

Note: This application can be used in conjunction with other applications and notes.