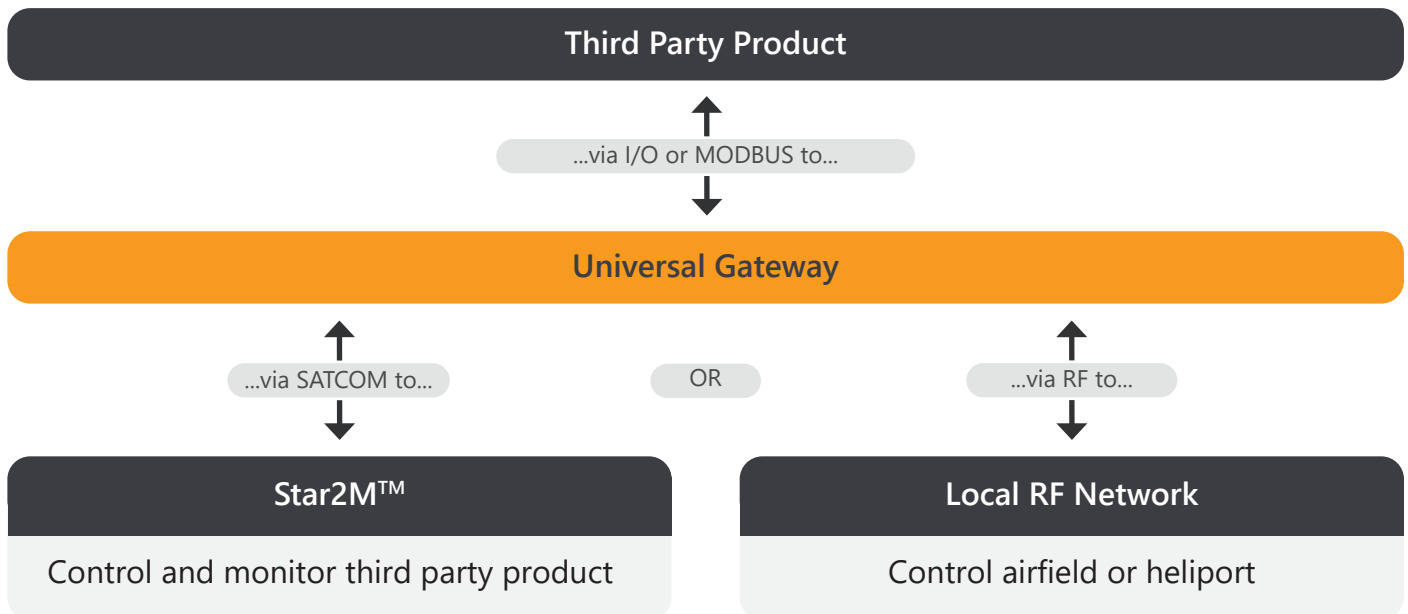


# Application Note

## AV-UGW (Universal Gateway) Integrate Third Party Product or System



### Application details

The Universal Gateway has many applications, including using it to integrate a third-party product into a system.

A third-party product is connected via GPIO or MODBUS to the Universal Gateway. This enables wireless control via SATCOM to Star2M to control and monitor the third-party product or system.

Alternatively, wireless control can also be achieved via RF using a mesh network to control 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

### UGW interfaces used in this application:

- 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: S100

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