



AMPCONTROL  
**AWARE**™  
flexibility without complexity



**Ampcontrol AWARE simply connects your physical world with the digital one.**

Our flexible, scalable and cost effective Industrial Internet of Things (IIoT) solution provides the information needed to drive informed operational decisions.

By using a highly available and secure IIoT network, Ampcontrol AWARE distributes data for processing and action using open and secure protocols. With simple visualisation software available on any internet enabled device, Ampcontrol AWARE delivers data with complete freedom, portability and no ongoing licence fees (eg SCADA, ACMA or other proprietary platforms).

Through a combination of edge, fog and cloud computing, decisions can be automated enabling rapid response to situations.

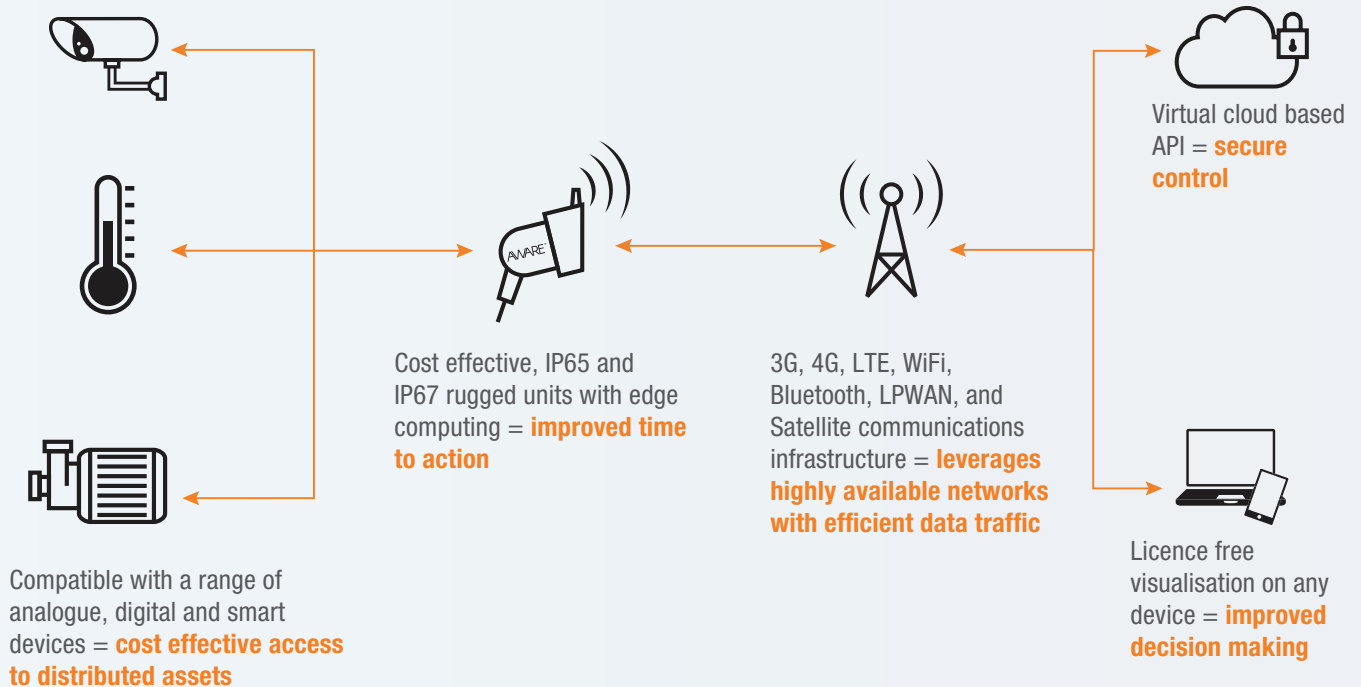
Modules with plug and play functionality ensure simple and safe installation and worry free maintenance. The ruggedised IP65 and IP67 design ensures it is fit for industrial applications without the need for additional housings or enclosures.

At every point Ampcontrol AWARE reduces complexity while providing the flexibility you need for any monitoring and control application.

**Sense and Actuate**

**Connect and Evaluate**

**Visualise and Share**



**Ampcontrol AWARE is a flexible system that provides simple access to valuable data, irrespective of location, number of monitoring points or application without the complexity and cost.**



### Installation

Designed for easy plug and play installation, each Ampcontrol AWARE module includes pre-wired looms to simplify direct connection to various equipment terminals, making it ideal for new installations, retrofitted upgrades or system augmentation.

The low power draw, small installation footprint, integral PSU and battery charger with optional charging via renewable solar power, combined with the IP65 or IP67 protection rating means the modules can be mounted within or external to almost any object.



### Communication

By leveraging multiple existing wireless transmission methods and infrastructure, communication is simple, secure and cost effective. With secure transmissions over internet protocols you remove interference and guarantee bandwidth.

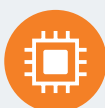
Our modules come ready to use with a data plan. When powered, they automatically acquire a network connection and connect to the secure cloud API where data can be exchanged.



### Configuration

Once connected to the API, configuration is automatic and there is no need to re-programme addresses or applications. This allows modules to be easily disconnected and reconnected for commissioning or maintenance.

The API also has the flexibility to manage firmware updates, health status monitoring, quality of service and other operational asset requirements remotely.



### Control

With IIoT the processing and decision making can reside locally (edge), remotely (cloud) or anywhere in between (fog), providing significant deployment flexibility.

This means with Ampcontrol AWARE functionality can be added to existing systems without the need to augment or replace hardware; it's all done via the software.



### Visualisation

Your data is your asset and you shouldn't have to pay ongoing licence fees to access it. With Ampcontrol AWARE you are not locked into any proprietary licensing fees or expensive specialist engineering resources to extract information.

The data collected uses open protocols, transport principles and interfaces making your data completely transportable across different platforms.

Ampcontrol AWARE comes with licence free web page visualisation software which is flexible to site and application and available on portable devices, ensuring you get the information how, when and where you need it.



### Quick release

- Quick release cable assembly
- Ruggedised IP67 design
- Machined alloy
- UV stabilised materials
- DIN or flush mount
- Integral rechargeable battery
- Relocatable antenna

For critical infrastructure applications where rapid changeover is needed

### Our technology

Ampcontrol AWARE is an IIoT solution made possible through our technology which is specifically designed for ease of use.

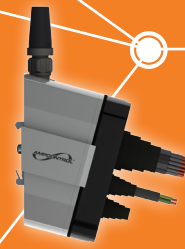
With simplified module selection you can choose a ruggedised unit that's right for your application.

Ampcontrol AWARE keeps pace with the rapid changes in IIoT technology via field upgradable modules.

### General purpose

- Customisable gland plate
- Ruggedised IP65 design
- Machined alloy
- UV stabilised materials
- DIN or flush mount
- Integral rechargeable battery
- Relocatable antenna

For simplified replacement of existing equipment in brownfield applications



### Accessories

Ampcontrol AWARE is available with a variety of optional accessories including pole mounting kits, upgraded external power options including solar panels, regulators and battery chargers as well as instruments and sensors to complete your full monitoring and control system requirements.

### Pin

- Multi-pin cable connector
- Ruggedised IP65 design
- Light weight injection moulded FRAS
- UV stabilised materials
- Plate or flush mount
- Integral rechargeable battery
- Integral antenna

For simplified installation and connection of devices in switchboard applications



### Tube

- Pre-wire cable assembly
- Ruggedised IP67 design
- Lightweight extruded FRAS
- UV stabilised
- Multiple mounting options
- Integral rechargeable battery
- Integral antenna

For specialist monitoring applications and temporary installations



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