



# Technical Bulletin

## ARC Plus Networks Explained

### Scope

Applies to ARC Plus, ARC Plus SL, ARC Plus Touch, AutoPilot®, AutoLoad Plus used in multi-site installations.

### Synopsis

When setting up multiple ARC Plus units in AutoPilot, units can optionally be combined into networks. This document more fully explains why you may wish to use networks rather than discreet connections for each unit.

### Definition

Two or more ARC Pluses can exist even on the same LAN and not be in an ARC Plus Network. An ARC Plus Network is formed when two or more ARC Pluses are joined together with AutoLoad Plus. This is described in the manual under CONFIGURING AN ARC PLUS NETWORK (MULTI -SITE INSTALLATIONS) on page 58.

### Network Advantages

#### *Include channels from other units*

An ARC Plus can run Jet™ Active Flowcharts and macros that include channels from other units on the same network. This is very convenient for main to aux site switching, both manual and automatic.

Users can also choose to display the values of another ARC Plus on the Front Panel. This is useful for a studio ARC Plus to be able to control and monitor the transmitter site.

#### *Call out on alarms from other sites*

Any ARC Plus in a Network can share an ESI/RSI to call out on alarms. One site can be connected to a phone line and other sites will send it alarm information to dial out. Users on the phone can interact with all sites in the network.

### Network Disadvantages

An ARC Plus which is not part of a network can run macros and display values on the front panel only from itself.

If units do not need access to other unit's values for control, ESI/RSI or front panel display, putting the ARC Pluses in an ARC Plus Network may not be necessary. When AutoPilot connects to a network, all sites in the network are connected, potentially increasing the connect time.

An ESI/RSI user must also be aware of proper site selection on any call.

We are committed to providing you with the best possible service and support for your Burk Technology product. If you should have any concerns or questions, please call us at 978-486-3711.

Thank you,

Burk Technology Technical Support Team

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