Gamewell FCI FIRE CONTROL INSTRUMENTS by Honeywell

Technical Bulletin

Date: January 14, 2009 No T09.1

To: All Gamewell-FCI Distributors

Mixing INI-7100 Nodes in E3 Series® Systems

The E3 Series ILI-MB-E3 and ILI-S-E3 node types take advantage of the faster Velociti® protocol and allow a maximum of 159 sensors and 159 modules per SLC loop. The new ILI95-MB-E3 and ILI95-S-E3 node types use Apollo XP-95 protocol and allow up to 126 devices per SLC loop. By contrast, the 7100 Series operates in CLIP protocol with each SLC allowing 99 sensors and 98 modules. These differences result in limitations in mixing the various node types. Furthermore, differences also exist in the number of addresses that can be communicated by the different keypad displays, as well as, the number of device types that are supported by the panel. In general:

- It is allowed to mix ILI-E3 and ILI95-E3 node types in the same E3 Series system
- It is not allowed to mix INI-7100 and ILI95-E3 node types
- It is allowed to mix INI-7100 and ILI-E3 node types with limitations

CAM*W*orks is designed to prevent improper mixing of ILI95-E3, ILI-E3 and INI-7100 nodes types. All nodes in the system must be configured via CAM*W*orks V1.4.1 or higher to ensure that the system is configured for the correct mixture of node types. Below is a summary of expected results when configuring a multi-node project using CAMWorks.

If the CAMWorks project:

1. Contains an ILI95-MB-E3 or ILI95-S-E3 node, CAM*W*orks will not allow adding a 7100 node to the project.
2. Contains a 7100 node, CAM*W*orks will not allow adding an ILI95-MB-E3 or ILI95-S-E3 node to the project.
3. Was originally set up to contain a mixture of 7100 and E3 Series nodes, CAM*W*orks will disable SLC device address in the range of 100-159 for all ILI-MB-E3 and ILI-S-E3 nodes in the system. In addition, the User Defined Device Types screen will limit entry to device types 48-57, which are the 7100-compatible User Defined AMM Types.
4. Was originally set up without any 7100 nodes, the full E3 Series functionality is available. If SLC devices are addressed above 99 or E3 User Defined Device Types (range 90-127) are used on any node in the project, CAM*W*orks will disallow the addition of 7100 nodes to the configuration by displaying a warning message explaining why a 7100 node could not be added to the system.
5. Was originally set up without any 7100 nodes and the user is not using SLC devices with addresses greater than 99 or E3 Series User Defined Device Types, CAM*W*orks will allow the addition of one or more 7100 nodes to the project.

The same results will occur whether or not a FocalPoint workstation is networked into the system.
Please feel free to contact Technical Support if further assistance is needed.

Regards,

Bob Gomersall
Product Manager
Gamewell-FCI