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PRODUCT ADDENDUM

PRODUCT: P2262, P2266, P2281, P2282, P2500
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Item: Network Limitation

The network limitation of only 30 nodes (a node is a single alarm panel) per network segment is currently being reached by a few installations. The fact is that the limit of 30 nodes imposed by Associated Controls was to help keep response times of the network at its fastest during peak emergency times. In reality, the number of nodes that can be accessed by the network is 60, but it is strongly stressed that this number of nodes on a network segment may cause slower response times during peak emergency traffic.

Associated Controls recommends that the maximum number of nodes can be increased to 40-45 panels without overburdening the response times of the network. It must be noted that versions 10.0 and higher of the APM software will allow up to 60 panels to be in a project. The panels within these projects can be networked nodes and/or standalone units. While APM will allow 60 networked nodes, it is highly recommended that the maximum number of nodes be kept around 40-45.

If an installation requires more than 60 panels, the installation must be split into two or more projects and arranged in a logical manner such as by ward or level. An example would be to split a 100 node installation into three (3) or more network segments in such a way that they (the network segments) can operate individually from each other. If the networks are to be monitored by a BMS system, then a P2267 ModBus Interface can be linked to each network segment and to each other, and then to the BMS. It must be noted that the P2267 can currently only address 120 nodes total which include the P2267 itself.

For more information or clarification, please contact the Associated Controls Engineering or Service department.