

by Honeywell

## Description

NetSOLO® is a peer-to-peer, token-ring, self-regenerating network using the 7100 Series fire alarm control panel to provide the highest degree of reliability, flexibility, and expandability. A NetSOLO application can consist of up to sixty-four (64), 7100 Series controls and provides a wide range of stand-alone, "regional" and network-wide programming options.

### Network Features

Each 7100 fire alarm control panel within the network will have an Intelligent Network Interface module (INI-7100) mounted in its cabinet. An INI-7100 module is easily connected to its 7100 Basic System Module (BSM) via a plug-in ribbon cable. A DIP switch on the INI-7100 module is used to set the address the 7100 Series fire alarm control panel will occupy on the network.

Two types of INI-7100 modules are available. The INI-7100-UTP module (unshielded, twisted-pair) provides terminal connections to 16 or 18 AWG conventional copper wire. The INI-7100-FO (fiber-optic) accommodates fiber-optic cable, ideal for connections running outside between structures, as well as conventional wire.

Each INI-7100 module has the ability to regenerate the network's signal allowing maximum distances of up to 3,000 feet between each node. In the case of fiber-optic, a signal loss of up to 8 dB can be tolerated within any one segment of the network.

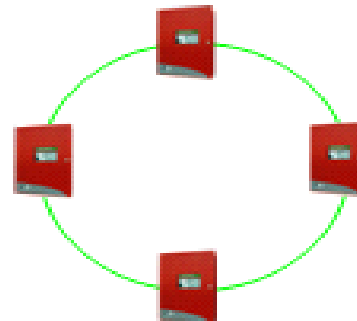
NetSOLO can be wired Style 4, Style 6 or Style 7 for maximum survivability. In the event of the loss of communication, each 7100 control panel has the ability to revert to its own local programming.

Each 7100 Series fire alarm control panel retains all the features of a standard 7100 panel, providing two (2), signaling line circuits, supporting up to 394 analog/addressable devices, two (2) notification appliance circuits, etc.

In addition, the network can be divided into regions. Each region can contain one or more 7100 panels.

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NetSOLO®



NetSOLO

## Features

- Peer-to-peer, token-ring, regenerative network operating at 625K baud
- Up to sixty-four (64), nodes in one network
- Built-in isolation provides Style 4, Style 6 and Style 7 wiring
- Two versions of INI-7100 module available using either copper wire (INI-7100-UTP) or both copper wire and fiber-optic cable (INI-7100-FO)
- Each node regenerates the signal to extend the network another 3,000 feet (914.4 m) of wire length or allows another 8 dB signal loss per fiber-optic segment (8 dB loss max.)
- Each 7100 Series fire alarm node supports up to ninety-nine (99) local programming groups
- NetSOLO provides up to 125 network-wide programming groups
- All 7100 features available, such as:
  - Sixty-four (64), programmable codes
  - Cross-zone programming between individual addresses or between groups
  - Output modules can be assigned to up to ten (10) groups
  - Sequential restart delay
  - Pre-action deluge (requires optional MCOM)

**An ISO 9001-2000 Company**



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## Description (Continued)

Annunciation of events within a particular region can be limited to just the alphanumeric LCD displays of the 7100 systems that are members of that region.

This is useful for multiple-building applications, for example, where each building would constitute its own region.

Any 7100 Series fire alarm control panel in a network can be designated as a global annunciator to annunciate events from all network regions.

The integral DACT on the 7100-2D can report events to a central station from an individual panel within the network, from any panel within a region, or serve as a global DACT for the entire NetSOLO. (See P/N 9020-0466 for details).

## Wiring Specifications

3,000 ft. (914.4m) max. between nodes using 16-18 AWG unshielded, twisted-pair copper wire.

Fiber-optic cable: Up to 200 microns (optimized for 62.5/125 microns) -8 dB loss (max.) between nodes.

## Ordering Information

Part Number	Description
<b>INI-7100-UTP</b>	Intelligent Network Interface Module Unshielded, Twisted-pair
<b>INI-7100-FO</b>	Intelligent Network Interface Module Fiber-Optic

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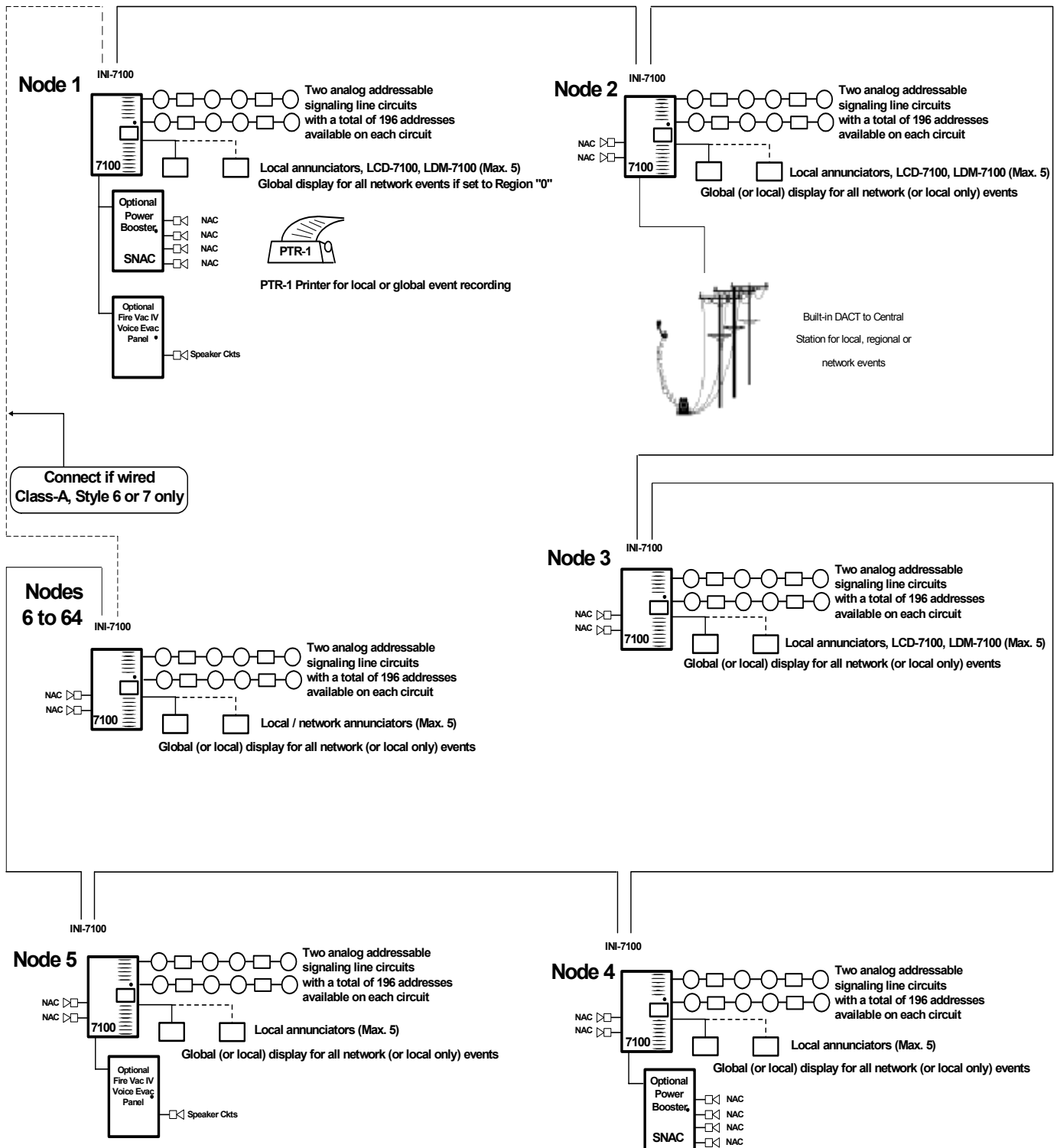


Figure 1 NetSOLO