UNITY *Our Commitment To Connectivity Continues...*

PRODUCT DATA

UNITY/EST3

General Information

The Johnson Controls EST3 subsystem is used in conjunction with the multi-vendor front-end, UNITY™. This subsystem allows the UNITY system to fully integrate the architecture of the EST3 system into the UNITY front-end. When used with other UNITY systems, UNITY pulls together your entire facility's automation, fire/life safety, and security needs under one simple, yet powerful operating environment. UNITY improves overall efficiency by reducing operator training requirements, virtually eliminating dependency on the original equipment manufacturer for support.

Subsystem Specific Information

Each EST3 subsystem communicates to a single 3-CPU1 module. Up to 63 additional panels can be networked using optional RS-485 cards. The EST3 subsystem is fully UL listed under categories 1076 and 864 for Burglary, Protection, and Fire Alarm systems.

Application

The UNITY EST3 subsystem provides full protocol level communications via an RS-232 port in the EST3 panel. This provides the following benefits:

- Full Alarm Annunciation

- Full Alarm Acknowledgment

- Individual Control :

  Inputs - Smoke Detectors, SIGA Modules, Enable/Disable/Status

  Switches - From an LED/Control LRM, Enable/Disable/Status

  Relays - SIGA Modules/IDC8/4 Outputs, Activate/Restore/ Enable/Disable/Status

  LED - LED/Control LRM On/Slow/Fast/Off

  Pseudo Points - Monitor Only Points from 3 CPU and LRM Modules (programmed as inputs) Status Only

- Set Network Time/Date

- Network Panel Mask Commands - Reboot, Reset, GA Inhibit, Alternate Sensitivity, Evacuate, Drill, Panel Silence, Alarm Silence, Alt Message

- Individual Card Control

- Group Control - Check in, Service, Guard Patrol, Matrix, Zone, Time

- Audio Control - Audio Card, Audio Message Control

Agency Listings

- UL Listed Integration of Fire/Life Safety Applications Listed under Category 864

- California State Fire Marshal (CSFM)

- City of New York: MEA

JOHNSON CONTROLS

PUBL-3371

GENERAL SPECIFICATIONS

Specifications

Hardware Requirements

- 1 3-CPU1 Module (with 3-RS232 Card)
- 1 3 Series Cabinet with Chassis & Power Supply
- Networked Panels Require 1 3-RS485 Card per Panel
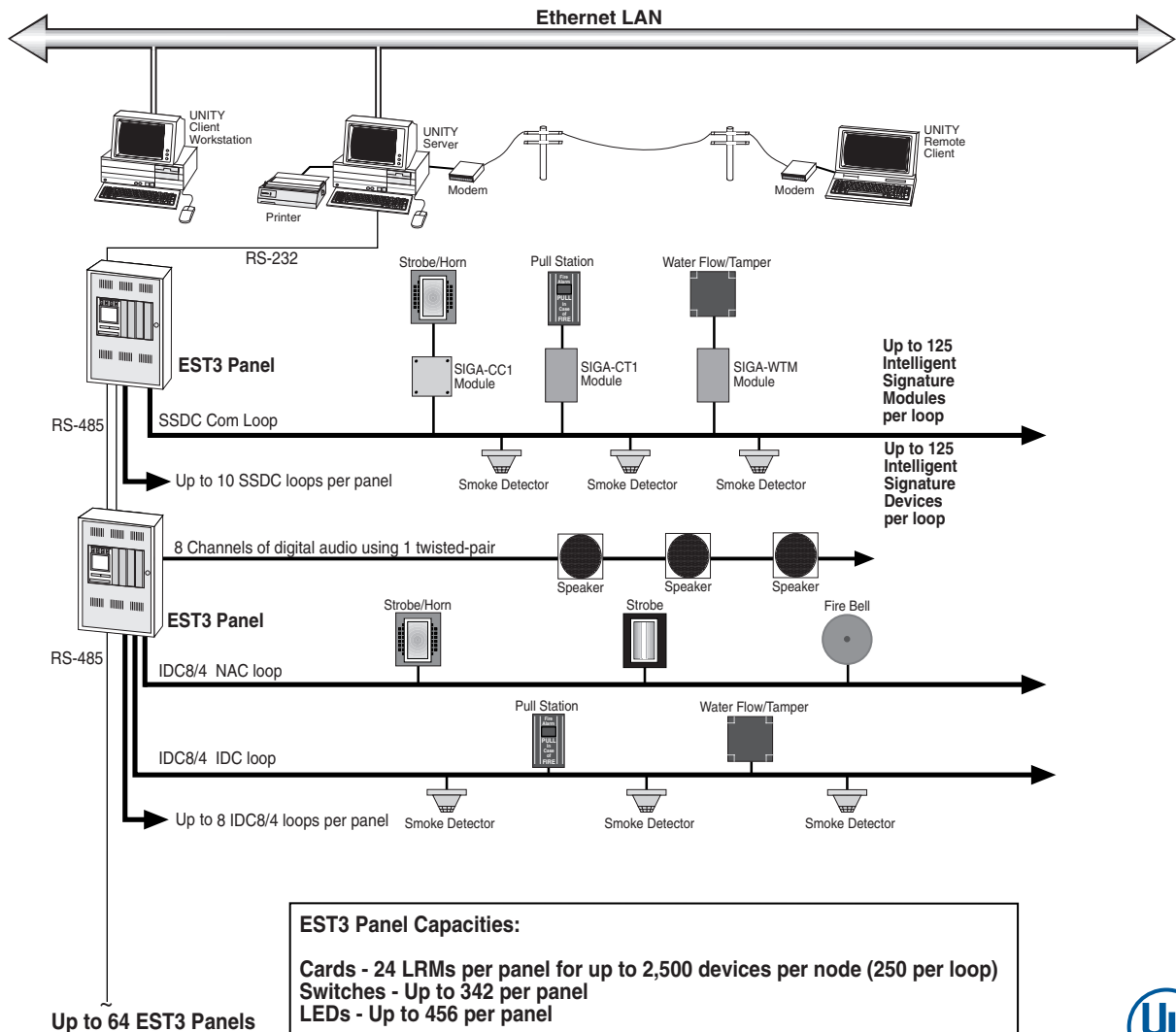- 1 UL Listed Interface Cable

Software Requirements

- This product requires a fully operational UNITY front-end manufactured by Johnson Controls

- IBM OS/2 Revision 4.0 or Higher and Fixpack 9 Installed

- Requires EST3 SDU Revision 1.4 or Higher

Field Equipment Interface

Compatible Hardware

- 3-CPU1 with 3-RS232 Card
- 3-RS485 Card
- 3-LCD Display
- 3-PPS/M Primary Power Supply
- 3-BPS/M Backup Power Supply
- 3-EAXX Audio Amplifier
- 3-FTCU Fire/Telephone Unit
- 3-OPS Off Premise Dialer
- 3-ASU Audio Source Unit
- 3-IDC8/4 Traditional I/O Zone Module
- 3-SSDC-Single Loop - Signature Series
- 3-DSDC - Dual Loop Controller - Signature Series
- 3-XXX Control/LED Display Cards (Switches and LEDís)

EST3 Panel Capacities:

Cards - 24 LRMs per panel for up to 2,500 devices per node (250 per loop)
Switches - Up to 342 per panel
LEDs - Up to 456 per panel

For more information on Johnson Controls products and services contact your local Johnson Controls office or call (800) 765-7773.

www.johnsoncontrols.com