

## The Engineering Specification

The fire protection control system for (INSERT HAZARD AREA DESCRIPTION) shall be a Kidde PEGAsys System manufactured by Kidde Fire Systems, 400 Main Street, Ashland, MA USA. The system shall be of Distributed Intelligence architecture wherein all analog fire detection and addressable field devices are individually microprocessor controlled.

The system shall be a modular configuration designed to permit flexibility in systems expansion and/or modification. The system shall support 255 intelligent devices per loop and be capable of power expansion to a maximum of 64 amps of 24 VDC power. The system shall support expansion modules which are microprocessor-based units to provide maximum expansion of desired functions.

The system shall be listed by Underwriters Laboratories (UL) and Factory Mutual (FM) approved for use with agent releasing systems. The fire protection control system shall be installed in accordance with NFPA Standard 72- 1996 and any applicable local codes. The agent releasing systems shall be installed in accordance with all applicable NFPA standards and local codes.

## Our Quality is Certified

Kidde PEGAsys Systems are made in America in accordance with ISO 9001 certified quality standards and installed and serviced by Kidde Distributors worldwide. When you've specified "Kidde," you've chosen the world's most respected name in fire protection.



Kidde PEGAsys Systems are Available From...

This literature is provided for informational purposes only. KIDDE assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to work correctly. If you need more information on this product, or if you have a particular problem or question, contact KIDDE, Ashland, MA 01721; Telephone (508) 881-2000.

## KIDDE PEGAsys™ Systems

Intelligent Fire Protection Control for Vital Facilities

KIDDE-FENWAL, INC.  
400 Main Street, Ashland, MA 01721  
(508) 881-2000 FAX: (508) 881-8920

FORM NO. KF-0045  
© 2002 Kidde-Fenwal, Inc.  
Printed in U.S.A.

# KIDDE PEGAsys Systems...

The Intelligent Way to Tie All Your Fire Detection, Alarm and Suppression Systems into One, State-of-the-Art Control System

## The Concept

What if there was a control system that used microprocessor technology to share the tasks of information gathering and reporting with its fire detectors? What if that system was a powerful, 100% field programmable panel that could control the release of up to nine separate fire suppression systems, in addition to 255 intelligent devices per SLC loop? What if it came with easy-to-program, Windows™-based software that automatically integrated everything from fire detection to alarm to fire suppression system release?

Well then... you'd have the revolutionary new Kidde PEGAsys System. The intelligent answer to integrated fire protection for vital facilities.

## Faster response.

Thanks to Kidde's unique Distributed Intelligence architecture, you have more information in a shorter period of time about any type of fire/supervisory-related event. This enables you to make intelligent decisions about your response. In many cases, you can deal with the incident without the evacuation of personnel or the unnecessary release of your fire suppression systems.

## Greater reliability.

Smart fire detectors, coupled with the Kidde PEGAsys control system, have been designed for greater immunity to ambient electrical noise that can lead to nuisance alarms. The net result is more reliable fire detection with fewer interruptions to your facility's business continuity than is available with other systems on the market.

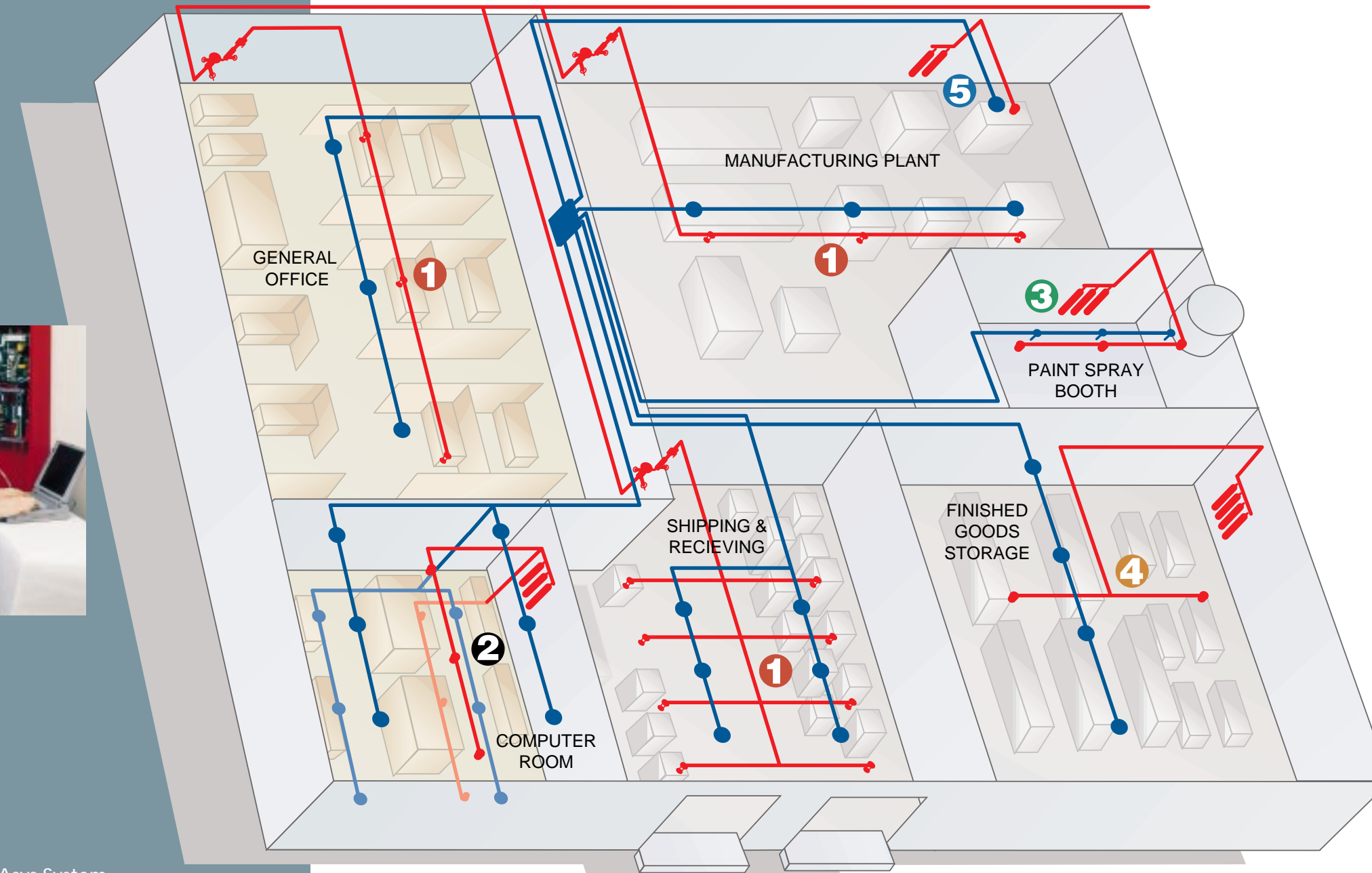
## Easier and more economical to install.

Whether you're upgrading fire protection for an existing facility, or building a new complex, the Kidde PEGAsys System is a pleasure to install. That's because it can be programmed on site using simple, Windows-based software to suit your facility and re-programmed when your physical configuration changes. It also uses any code compliant wire so retrofits can often be done without replacing the wire. That's a big savings in time and labor when compared to conventional fire alarm systems.



A Kidde PEGAsys System can control all your fire protection systems...

- 1** Water Sprinkler System for structural fire protection
- 2** Kidde FM-200 Clean Agent System protects computer room and underfloor
- 3** Kidde IND Dry Chemical System, protects paint spray booths
- 4** Kidde FE-13 Clean Agent System protects finished goods storage area
- 5** Kidde Carbon Dioxide System protects manufacturing machinery



## Check Out the PEGAsys System...

- ✓ Ties facility's entire fire protection – detection, alarm and suppression – into one, integrated, highly reliable system
- ✓ Features the simplicity of a single, two-wire loop of up to 10,000 feet that can accommodate as many as 255 intelligent input/output devices
- ✓ Uses SmartOne™ BIP (Broadcast Indexing Protocol) for 100% digital loop communications that virtually eliminate common EMI and RFI interference, the cause of most nuisance alarms
- ✓ Controls up to nine, independent zones for all types of fire suppression systems – sprinklers, clean agent, dry chemical
- ✓ Provides a 1000+ event history buffer for documented after-event analysis
- ✓ Supports a complete range of suppression control features including dedicated abort, manual release, supervisory input and time delay to discharge
- ✓ 100% field programmable using simple Windows-based software for fast on site configuration or re-configuration
- ✓ U.L. listed and approved by FM, CSFM and MEA (NYC)
- ✓ Installed and serviced by the worldwide network of Kidde distributors
- ✓ Built to exacting quality standards in an American ISO-certified facility