Reliable Safety

Det-Tronics Eagle Quantum Premier system provides the power and flexibility to fully integrate high quality, certified devices in a fault tolerant network. This ensures that your system is always available to respond to a demand:

- Worldwide approvals
- Market Leading Detectors
- Low Installation Cost
- Low Maintenance
- The Highest Product Quality

Eagle Quantum Premier
Controller

PointWatch Eclipse
IR Combustible Gas Detector

X3301 Multispectrum
IR Flame Detector

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DET-TRONICS®
A UTC Fire & Security Company

Eagle Quantum Premier

A Total Life Safety System. Certified by FM (Approved to NFPA-72), CSA and CENELEC.

Provides System Solutions for:
- Fire Detection
- Extinguishing Agent Release
- Notification
- Hazardous Gas Monitoring
- Fire & Gas Data Acquisition

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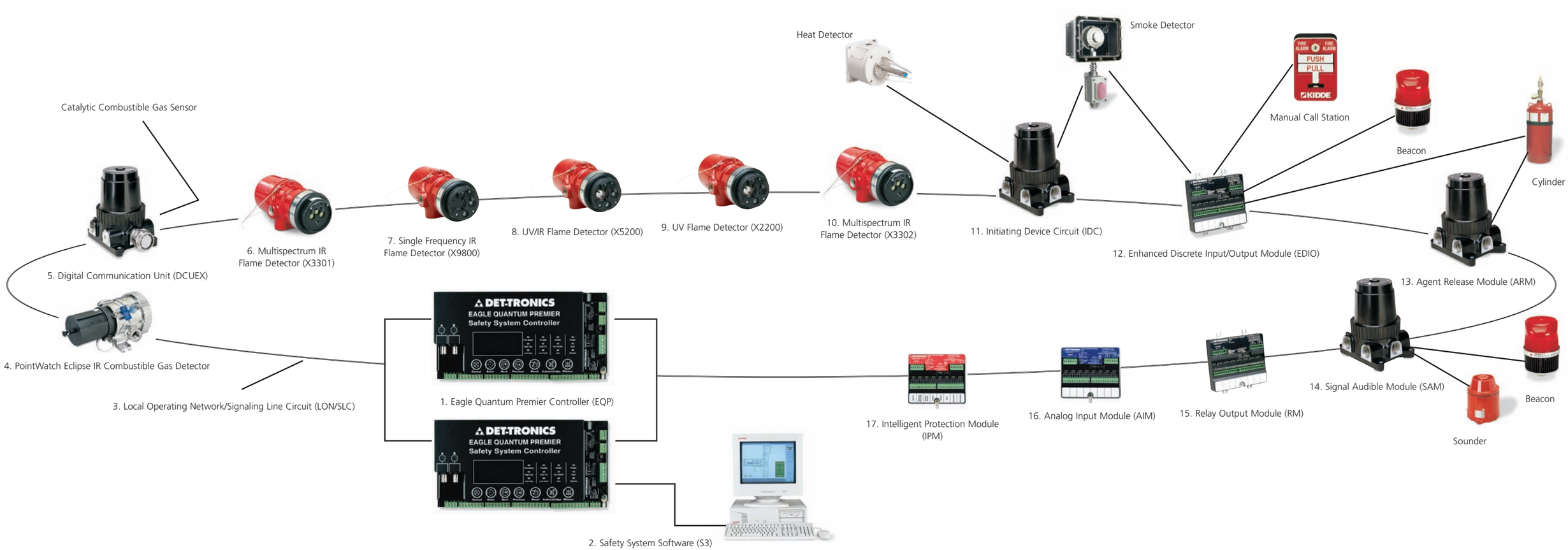

Local Operating Network/Signaling Line Circuit (LON/SLC) Devices

1. Eagle Quantum Premier Controller (EQP)

   The heart of the safety system, a multi-channel programmable controller that manages, maintains, monitors and controls the safety system devices on the loop. Simplex or redundant operation available.

2. Safety System Software (S3)

   The software provides a seamless configuration and monitoring package to provide a user friendly accurate environment to manage the safety system.

3. Local Operating Network/Signaling Line Circuit (LON/SLC)

   A two wire digital communication network, arranged as a fault-tolerant loop starting and ending at the EQP controller. The LON/SLC supports up to 246 intelligent field devices distributed over a distance up to 32,500 feet (10,000 meters).

4. PointWatch Eclipse IR Combustible Gas Detector

   Provides accurate detection of flammable hydrocarbon gases in the lower explosive limit (LEL) range.

5. Digital Communication Unit (DCUEX)

   Use with Det-Tronics catalytic combustible gas sensors and allows one person non-intrusive calibration.

6. Multispectrum IR Flame Detector (X3301)

   Provides superior performance using advanced multi –patented signal processing algorithms to ensure continuous protection in the presence of false alarm sources.

7. Single Frequency IR Flame Detector (X9800)

   Uses patented signal processing (TDSA) and narrow frequency bandpass filters to detect radiation characteristics of hydrocarbon fires.

8. UV/IR Flame Detector (X5200)

   Provides accurate fire detection by correlating the signals from both UV and IR sensors.

9. UV Flame Detector (X2200)

   An optical flame detector that uses advanced signal processing with high speed capabilities.

10. X3302 Multispectrum IR Flame Detector

    Uses patented signal processing to detect hydrogen and other invisible fires.

11. Initiating Device Circuit (IDC)

    Accepts two discrete inputs from any contact device such as smoke and heat detectors or manual call stations. Provides two ANSI/NFPA 72 Class B Style B supervised input circuits.

12. Enhanced Discrete Input/Output Module (EDIO)

    Provides eight channels configured as either discrete input, discrete output, smoke detector, Class A output or Class A input. Each point can be programmed for supervised or unsupervised operation.

13. Agent Release Module (ARM)

    Provides agent release capability by monitoring and controlling two output devices (rated for 24 vdc) which are energized together.

14. Signal Audible Module (SAM)

    Provides two supervised indicating circuits for controlling UL Listed 24 vdc polarized audible or visual indicating appliances.

15. Relay Output Module (RM)

    Provides eight relay output channels to be used on non-supervised devices.

16. Analog Input Module (AIM)

    Provides eight independent 4 to 20 mA input channels that can be set for either combustible gas mode or universal mode.

17. Intelligent Protection Module (IPM)

    The IPM has preassigned functions necessary to deliver a single protection hazard solution.