This Supplement has been created to introduce new addressable devices and a new FACP software feature which allows the control panel to monitor and printout the sensitivity for each addressable smoke detector connected to the system.

I. Addressable Devices

Legacy Addressable Devices

The legacy 300 Series addressable devices, which continue to be compatible with all versions of the addressable FACP (Fire Alarm Control Panel), have been discontinued and can no longer be ordered. These devices include the following:
- SD300 - Photoelectric Smoke Detector
- SD300T - Photoelectric Smoke Detector with Thermal Sensor
- CP300 - Ionization Smoke Detector
- M300 - Monitor Module
- M301 - Miniature Monitor Module
- M302 - two-wire Monitor Module
- C302 - Control/Relay Module

New Addressable Devices

The newer addressable devices, which are compatible with all versions of the FACP, incorporate the latest technology. Each addressable device can be set to an address ranging between 001 and 099. *Do not set the address rotary switches to a value higher than 099 since it will not be recognized by the FACP.* A blinking LED on each detector and monitor module indicates communication between the device and the control panel. Legacy and new addressable devices can be mixed on the same SLC loop.

The new devices include the following:

- SD350: an intelligent, addressable low profile photoelectric smoke detector which provides smoke sensing technology
- SD350T: an intelligent, addressable low profile photoelectric smoke detector which provides smoke sensing technology and a 135° fixed thermal sensor
- CP350: an intelligent, addressable low profile ionization smoke detector which measures the level of combustion products in its chamber using the 'ionization' principle
- D350P: an intelligent, addressable photoelectric duct smoke detector.
- D350RP: an intelligent, addressable photoelectric duct smoke detector with a built-in alarm relay
- MMF-300: an addressable monitor module for monitoring normally open contact alarm initiating devices, such as manual pull stations, four-wire smoke detectors, heat detectors, waterflow, security contacts and supervisory devices. Circuits can be connected Style B (Class B) or Style D (Class A)
- MDF-300: an addressable dual monitor module which functions the same as the MMF-300 except circuits can only be connected as Style B (Class B)
- MMF-301: an addressable monitor module that is functionally similar to an MMF-300 but offered in a smaller package for mounting directly in the electrical box of the device being monitored. Circuits can only be connected as Style B (Class B)
- MMF-302: an addressable monitor module used primarily for two-wire smoke detectors in addition to normally open contact devices. Circuits can be connected Style B (Class B) or Style D (Class A)
- CMF-300: an addressable control module used to connect NACs (Notification Appliance Circuits) to power and supervise compatible, UL-listed notification appliances. The circuits can be wired as Style Y (Class B) or Style Z (Class A)
- CRF-300: an addressable control relay module which is functionally similar to the CMF-300 but used as a Form-C relay module

I. Addressable Smoke Detector Sensitivity

Software Enhancement
The FACP software has been enhanced to include a feature which allows the control panel to monitor and printout the sensitivity of each addressable smoke detector in the system. This eliminates the need for a service person to physically connect a test device to each smoke detector in the field.

Detector Data
An addressable smoke detector's ability to detect smoke can change over time as a result of component deterioration due to environmental contaminants and dirt. Each addressable smoke detector's data (sensitivity) can be printed by entering Read Status mode. Pressing the Enter key on the control panel keypad will display the following LCD screen:

```
    1 = PROGRAMMING
 2=RD STATUS 3=RD BAT
```

Enter Read Status mode by pressing *2* while viewing the preceding screen. The following screen will be displayed:

```
 DISPLAY POINT=*/#,AA
 HISTORY=1     PRINT=2
```

Pressing *2* to access the Print function will cause the following screen to be displayed:

```
 PRN PRGRAM/STATUS=1
 HISTORY=2 DET DATA=3
```

To print each addressable smoke detector's data (sensitivity), press *3* for DET DATA while viewing the Print screen. A printout similar to the following will be generated to an optional printer connected to the FACP.

```
*****************************DETECTOR DATA*****************************
```

DEVICE TYPE	CHAMBER READING	TIME/DATE
SMOKE DET P01	1420	03:52P Fri 01/19/01
SMOKE DET P02	1362	03:52P Fri 01/19/01
SMOKE DET I03	1452	03:52P Fri 01/19/01
SMOKE DET I04	1350	03:52P Fri 01/19/01

The Chamber Reading should be within the indicated ranges for the following smoke detectors:

- SD350(T), D350P(R) and SD300(T) Addressable Ionization Smoke Detectors: **405 - 2100**
- CP350 and CP300 Addressable Photoelectric Smoke Detectors: **750 - 2100**

If the addressable smoke detector's Chamber Reading is not within this acceptable range, clean the detector and check the Chamber Reading again. If the reading is still not within the acceptable range, immediately replace the detector.

Refer to the Fire Alarm Control Panel manual's Programming section for additional information on accessing Read Status mode and interpreting the smoke detector addresses.

Note: If a printer is not available, it is possible to use the HyperTerminal feature, found in the Windows© program Accessories folder which is resident on most personal computers, to store the Detector Data information. Any settings which are configured in this feature must reflect the printer settings detailed in the FACP manual. Refer to the Windows© manual for information on the HyperTerminal feature.