

The manufacturing of Semiconductors and other high technology devices usually entails the use of various hazardous and combustible gases including Silane, Hydrogen, and others. Sierra Monitor's **Sentry Gas Detection System** includes sensors for many toxic gases used in the industry. In addition Sierra Monitor's gas alarm monitors, including the **CM98-411 for Hydrides (including Silane) and CM99-447 for Ammonia** are used in the Semiconductor manufacturing industry to monitor for these specialty gases.

Fire is always a danger in Semiconductor clean rooms where the equipment houses a variety of flammable materials and liquids including IsoPropyl Alcohol. The **Model 3200 Flame Detector** is specially designed for these Wet Bench applications to constantly monitor for flames that could lead to a catastrophe in the clean room.

Bringing the data from the various sensors, devices and systems in a semiconductor plant to the central processing system is important in the safety, efficiency and operation of the semiconductor manufacturing facility. The **FieldServer gateway** is important in this situation since the extensive FieldServer driver library has a wide range of protocols used in this industry including Modbus, LonWorks, ControlNet and Profibus.

