

Project Profile

Semiconductor Industry

Due to their proven track record of successful projects with a major semiconductor producer, Industrial Automated Systems was chosen to develop an Ozone Monitoring System. IAS engineers promptly began specifying RKI GD series gas sensors for ozone detection, integrating them with a Siemens S7 1215 PLC via ProfiNet communication. The system design incorporated a redundant power supply and two strobe light and horn assemblies, strategically placed inside and outside a specific manufacturing room.

Following meticulous design work, including schematics and panel layouts, our engineers formulated and debugged the PLC program. The IAS panel shop then constructed the enclosure and collaborated with engineering on a comprehensive functional test before shipping.

Completion of the project involved IAS engineers providing installation support, system start-up, commissioning, and delivering a comprehensive documentation package.

IAS is a Siemens Solution Provider for Automation and Drives.



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