

Oakland Airport's Fire Alarm System Installed by Intrepid Electronic Systems, Inc.

NORCAL VDV Union Contractor Intrepid Electronic Systems, Inc. of Emeryville is currently completing an expansion and renovation of Terminal 2 at the Oakland International Airport, including a new fire alarm system. Local 595 is assisting on the job.

The existing network throughout the airport will be upgraded and brought up to current codes. There is also an expansion portion at Terminal 2, which has a number of new gates.

Intrepid Electronics Systems, Inc. designed and programmed the fire alarm systems. According to Norman Clevenger, Project Manager for Intrepid Electronic Systems, Inc., the project includes a great deal of integration. "In the event of a fire evacuation signal, we control the HVAC system, the baggage handling system, the elevators, the emergency power off system (EPO), and the doors for all the gates to the planes," Clevenger said. "We also override the background paging system so emergency evacuation and voice messages can be heard by all airport travelers."

The main challenge for Intrepid Electronic Systems, Inc. is the "Zero outage" element-working at a fully operational airport with no leeway for downtime. A Problem has the potential to result in flight delays at the specific terminal, impacting many other airlines and carriers.



Airports have a number of other unique needs that were accounted for. "We had to match our flame detectors to specific infrared spectrums of the aviation fuel." said Clevenger. "There are pre-action systems and cross-zone detection. We had also had deluge systems in areas where planes are close to the jet way."

Intrepid Electronic Systems, Inc. is a subcontractor for Contra Costa Electric, another member of ORCAL VDV.

For more information,
Contact Kurt Brinkman at
Kurt@IntrepidElectronic.com



Intrepid Electronics is completing a renovation and expansion for Terminal 2 Oakland International Airport.