



ICS-Integrated Communication Systems designed and installed a state-of-the-art fire alarm and voice evacuation system at Design Tech High School.

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ICS-Integrated Communication Systems Installs Fire Alarm System For Design Tech High School

In case of a fire emergency, Design Tech High School is protected by a state-of-the-art Edwards EST-3 fire alarm and voice evacuation system designed and installed by ICS-Integrated Communication Systems.



The Edwards EST-3 fire alarm system provides the interface for monitoring the Emergency Responder Radio Coverage System (ERRCS).

Photo By SCP Digital

ICS also installed the smoke control and two-way elevator lobby communication systems for the building. This included installation of detection and occupant notification devices, as well as interfacing with the building HVAC system and dedicated smoke exhaust fans.

As part of the smoke control system, the fire alarm system also controls exterior doors that would be used to provide make-up air during a building alarm condition.

ICS Senior Project Executive Amir Mohammadian said that the fire alarm system also provides the interface for monitoring the Emergency Responder Radio Coverage System (ERRCS) system. Any building equipped with an

ERRCS system is required to be monitored by the fire alarm system for fault conditions.

The requirement for the fire alarm system interface with the ERRCS system came post-construction, after work on the building had been completed. ICS then modified the fire alarm system so that it could monitor the 12-points within the ERRCS system.

To learn more about the services of the ICS Fire Systems Group, contact Amir Mohammadian at amir.mohammadian@icsintegration.com, or Aaron Colton, CEO of ICS-Integrated Communication Systems at aaron.colton@ics-integration.com or call 408.491.6000.



ICS Senior Project Executive Amir Mohammadian is a veteran of fire system design and permitting.

Photo By Nick Elias



The fire alarm installation was challenging because of the open architecture of the building.

Photo By SCP Digital



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