



A CHARTER SCHOOL DISTRICT LOOKS TO THE FUTURE WITH HONEYWELL FARENHYT BLACK

Honeywell Farenhyt Series IFP-2100

The Charter School located in Mesa, Arizona, is home to 800 elementary and middle school students. The campus includes a large 2-story main building (75 class rooms), a gymnasium, cafeteria and two computer labs. The charter school's district long ago established Honeywell Farenhyt™ as their standardized fire safety system across all schools.

The Needs

- A simple, yet comprehensive out-of-the-box Farenhyt fire safety system
- A life safety system that could communicate beyond fire events
- Ability to move away from land lines as sole communications option
- Emergency coverage for portable buildings

The Challenge

As a new-build project in 2018, the school requested a forward-thinking, fire security system that could provide maximum emergency coverage, advanced communication options, and be scalable for future campus expansions.

The school wanted a comprehensive, out-of-the-box Farenhyt system that could address not only current emergency needs, but also grow as the telecommunications, campus size, and school district grew. While current Farenhyt fire systems are well suited to protect students and staff from fire events, they require an equipment upgrade to provide non-fire emergency communication capabilities. This meant no verbal commands could be deployed for non-fire emergencies, such as active shooter scenarios, unless additional voice-activation side cars were installed. This would incur additional equipment and labor costs.

In addition, current stand-alone Farenhyt panels relied on land-based phone lines, which would limit the school's ability to modernize into digital or VOIP. Looking into the future, the charter school wanted the ability to expand and upgrade key features, including potential wireless detection for some of the portable buildings.

Solution

Intelligrated Communications Inc. (ICI) of Arizona, an authorized Engineered Systems Distributor (ESD) of Honeywell fire safety systems, saw an ideal opportunity to integrate the new Farenhyt Series Black into the charter school's existing fire system. ICI chose the IFP2100ECS panels for their ability to combine an intelligent analog/addressable fire alarm control panel with an emergency communications system.

The IFP2100ECS can store 15 recordable messages, mapped to eight ECS buttons. ECS messages can be prioritized of fire when needed. This would allow the charter school to pre-program their emergency response messages appropriate for fire and non-fire events, and deploy whichever was necessary.

To further enhance communications, the panels feature built-in dual phone line digital alarm communicator/transmitter (DACT), with IP and optional cellular technology. This would allow the school to move away from land lines, when ready, and adopt a fully digitized communications system.

"This panel has the Alarmnet already built in, so the school can switch from phone to internet anytime," states Mat Amerman, president and CEO of ICI. "There will eventually be no need for dedicated phone lines. This saves money... it's future proofing!"

ICI also chose the new IFP2100ECS panels for their ability to integrate with SWIFT™ wireless fire alarm detectors. SWIFT is a Class A, commercial wireless fire detection system using a robust, self healing mesh technology for a stronger and more reliable network. SWIFT sensors detect fire, just like their wired counterparts, while providing the installation flexibility of a wireless format. This solution was ideal for the school's plans for expansion requiring portable structures. SWIFT detectors could simply be adhered to the structure, then removed or relocated when necessary. No unnecessary and costly wire installations would be required to accommodate temporary facilities.

The IFP2100ECS panels can be expanded up to 2,100 points per panel, making it the largest in the Farenhyt Black Series, and ideal for the 90,500 sq ft campus.

"The new IFP2100ECS comes with almost everything you need in one box. That makes it incredibly easy to provide customers with a fast, turnaround solution for upgrading their fire systems," comments Mat. He continues, "this school district has standardized Farenhyt as their system of choice, and this new option will make upgrades much simpler

Benefits

- Reduced installation costs through latest Farenhyt fire panels with built-in ECS
- Future ability to integrate digital and VOIP communications
- Cost savings through wireless coverage option for portable buildings
- Discreet, black fire panels that blend in

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