

## PHOENIX CHILDREN'S HOSPITAL: Phoenix, Arizona

Distributor: Alliance Fire Protection - Tempe, Arizona

### PROJECT OVERVIEW

Phoenix Children's Hospital in Phoenix, Arizona is among the 10 largest freestanding facilities of its kind in the United States and the only children's hospital in the state of Arizona. An addition that began in 2008 to expand the facility from 345 to 626 beds and expand existing clinical programs required a data center to store vital hospital and patient data.

### OBJECTIVE

A hospital of this size requires a large data center to house and process necessary information. With that comes the need for a sizable fire suppression system that is able to protect valuable assets without water damage that a sprinkler system would cause. This system also needs to protect the safety of any personnel who may be in the hazard area if the agent were to discharge.



Front entrance of the newly expanded Phoenix Children's Hospital, one of the 10 largest freestanding facilities of its kind in the United States. Photo Courtesy of Phoenix Children's Hospital.

### SOLUTION

To meet budgetary, safety and environmental concerns, Phoenix Children's Hospital installed SEVO Systems' exclusive SEVO 1230-500 psi system to provide continuous protection for the invaluable data stored within the 95,000 cubic feet data center.

#### BENEFITS OF SEVO'S EXCLUSIVE 500 PSI SYSTEM

The SEVO 1230-500 psi system allowed the distributor to reduce overall piping volume by 20% and install 1 less cylinder than a similar 360 psi system utilizing 3M™ Novec™ 1230 Fire Protection Fluid would be capable of. The agent itself eliminates the need for a costly clean up and if it were to discharge, the environmentally safe Novec 1230 Fluid has a 0.0 ozone depletion potential, an atmospheric lifetime of only 5 days, and a global warming potential of 1 (compared to FM-200 that has a GWP of 3220 & Ecaro 25 with a GWP of 3500).



SEVO 1230-500 psi system installed. Photo Courtesy of Phoenix Children's Hospital.

Photographs provided by: Allison Otu, Media Relations of Phoenix Children's Hospital & Michael Carr, Alliance Fire Protection

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