

Central Ohio Aerospace and Technology Center Fire Alarm System Upgrade Heath, Ohio



The Port Authority-Heath-Newark Licking County commissioned Dynamix to complete a fire alarm assessment and the design of a fire alarm system upgrade to protect approximately \$1 billion in assets for Boeing Corporation and the United States Air Force. Dynamix completed a thorough on-site inspection of the fire alarm system in this multimillion square foot facility and produced a written assessment detailing the existing conditions and providing options with costs for renovation and additions to the system. The engineers also conducted an ADA study to upgrade smoke alarms.

The assessment was used to develop system design modifications. A two-man team of professional electrical engineers was responsible for the assessment, the presentation of assessment findings to the board, and a new system design and specifications.

The new fire alarm system allowed the owner to save roughly one million dollars by utilizing existing components that could be integrated into the new design. The total number of panels was reduced from 90 to 26 in the main facility. This provided a reduction in the overall maintenance cost of the system.

The project, completed in 1998, produced a \$1.5M upgrade that currently provides the facility with the required fire alarm protection for its vast assets.