

Case Study

Northeast Ohio Correctional Center

Managing Infectious Disease for a Population within a Confined Environment



The Northeast Ohio Correctional Center located in Youngstown, Ohio is an American Correctional Association-accredited male population prison with 2,016 beds. The prison is a public-private partnership managed by Corrections Corporation of America (CCA).

Tuberculosis and other infectious airborne diseases can be particularly problematic within correctional institutions, as large numbers of individuals from diverse backgrounds are living within confined environments.

In order for the medical staff to effectively manage infectious diseases and comply with CDC recommendations for correctional and detention facilities, the Northeast Ohio Correctional Center maintains two negative pressure isolation prison cells.

These cells allow staff to immediately quarantine an inmate, providing better protection against airborne contagions for the rest of the prison population and staff.

The negative pressure isolation cells also allow for continued on-site treatment, preventing prison

administrators from incurring additional expenses and time expenditures to arrange transports to local hospitals to treat the inmate until he is no longer contagious.

The CCA contacted Triatek's Ohio representative, Ingenuity IEQ, to upgrade their legacy room pressure system with new FMS-1655 Room Pressure Controllers.

The team at Ingenuity IEQ developed a custom mounting system for the FMS-1655s that would not require additional drilling and compromise the integrity and security of the cell's cinder block walls.

Ingenuity IEQ trained prison personnel on the operation of the FMS products, and the nurses and medical staff were very pleased with how easy they were to use.

The medical staff also noted that they especially appreciated the Safety Halo™ edge lighting as it allowed them to simply glance down the hall at the green lights during their daily checks of these cells, resulting in a medical environment that is not only safe, but also efficient.

