

One of the largest Biotech/Fortune 500 companys in the world and a leader in human therapeutics; Partners with Maverick.

A leader in human therapeutics an in the biotechnology partnered with MAVERICK to install a fire smoke damper upgrade and ventilation project in one of there research lab buildings, capitalizing on MAVERICK's facilities knowledge and automation expertise to provide value and ensure vertical start-up goals and safety protocols were met.



Main Objective

The main objective of this project was to remove the building exhaust fans from the existing fire departments override switches and to modify the building controls systems/safety systems, to ensure fire code is being met, and to train operators and plant maintenance to understand the processes and control systems.

Customer Results

MAVERICK consistently met the vertical start-up goals and alleviated the safety risks. The MAVERICK team educated supervisors, maintenance, and control systems specialist as well as effective system maintenance.

Fire Smoke damper and Ventilation Upgrade

- Maverick coordinated all the crafts for this project. Crafts included the customers personnel, contract electricians, and the Environmental Health and Safety Department at the project site. Maverick worked within the standards and engineering requirements
- The main problem with the existing control scheme was if the room/lab was to develop odors and or smoke all the exhaust fans would come on to vent the buildings Hazardous Chemical rooms and laboratory areas and compromising the systems current control system and ducting.
- The challenge was with the existing building and fire safety systems were not properly installed two years ago. Maverick followed up with analyzing existing field hardware.
- On shutdown of the building Maverick field engineered, documented, and implemented a safe and practical solution for the customer.
- Maverick removed all the exhaust fans interlocking and developed the necessary interlocking to protect the systems integrity and still maintain the county fire code.
- In addition to the successful site projects Maverick is also providing site wide maintenance support for the companies Building Automation Systems and Continuous Equipment Monitoring GMP non-critical system.
- The BAS and CEMS systems cover a 36 building campus and support includes: site wide daily maintenance from a Work Order program, trouble shooting and repair, maintenance planning, building systems commissioning and reporting. We also work with or support the company Automation Engineering group, Project Management group, building system owners and the site contractor maintenance support group.

The MAVERICK Difference

MAVERICK's automation knowledge and facilities expertise ensured a smooth execution of the building upgrades that met vertical start-up goals and building safety parameters. Additional value was provided by assisting the customer with the Environmental Health and Safety inspections and meeting the County Fire Department code requirements.

