



PROJECT OVERVIEW

Bowie State University since 1865 has provided higher education to students and is one of the 10 oldest universities in Maryland with campus comprising 23 buildings with more than 988,897 square feet (92,000 m²) of space.

RIFE provided building management services to upgrade the outdated security and fire alarm systems for residence halls on the school campus to improve safety and emergency response.

CUSTOMER NEEDS

Bowie State University needed to upgrade their security communication systems and fire alarm systems in five of their residence halls. As a state university, Bowie State offers multiple summer programs and required RIFE to work around their activity schedule.



CASE STUDY

Bowie State University
Building System Upgrades

RIFE SOLUTION

RIFE replaced the existing systems comprising smoke detectors, horn strobes, speaker strobes, sounder bases, flow and tampers, and duct detectors to name a few with new systems manufactured by Notifier. The system was integrated with the existing system panels for 5 residence halls, Robinson Hall (emergency command center), Harley, Towers, Holmes, Tubman and Kennard Residence Halls and communications system in Campus Safety office.

Each building required approximately 10 new panels including the main panel, booster panels for data due to distance of the cables, NAC Panels for terminating data panels, and individual panels for smoke detectors and strobes. All upgraded equipment required new cable lines, resulting in new pipe runs that span distances well over 5,000 feet.

RIFE coordinated with the State Fire Marshal to conduct testing of the installed systems for each building. Tests conducted included three (3) continuity tests, two (2) toner tests, and two (2) systems functionality tests.