

Walter Library Data Center Fire Suppression and Fire Alarm Improvements

Minneapolis, MN



Integrity Built

The Minnesota Supercomputing Institute (MSI) provides high performance computing for researchers at the University of Minnesota. Their existing data center within Walter Library utilized a single zone, wet-pipe fire sprinkler system throughout for asset protection. To alleviate future asset loss potential, Loeffler diligently converted the existing fire suppression and addressable alarm systems to include a single-interlock Pre-Action system along with a clean agent 3M™ Novec™ 1230 Fire Protection Fluid system. This project also updated the existing detection systems by installing remote power controls for uninterruptible power sources (UPS) and coordinated the separation of the dedicated air handlers from the existing building automation systems to isolate the data center from all other building alarms and functions.

Client - University of Minnesota

Architect - TKDA

Project Size - 3,700 SF

Loeffler Role - Performed General Construction

