

Case Study

Industry: Manufacturing

F3X Fiber Fault Finder Gun hits the target.



The background

A large manufacturing company was experiencing network problems between two buildings on its campus. Users were complaining of slow connection speeds and intermittent network failures. Critical business functions were suffering. The company spent considerable time troubleshooting the network equipment but found no problems. It turned out the fault was with the fiber link between the buildings.

No waiting

The fiber linking the two buildings was an aerial run that spanned more than 300 meters (984 feet). Using the F3X Fiber Fault Finder Gun with the aerial filter and scope accessory, cable technicians were able to immediately begin searching for the problem from the ground in broad daylight, eliminating the added expense and delay of renting a lift truck and driver, or waiting for nightfall.

Point and shoot

The technicians pointed the F3X at the fiber cable run and squeezed the trigger. Sweeping the F3X over the fiber, they quickly discovered a light leak just outside one of the buildings, where the fiber was entering. The fiber had been rubbing against the edge of a conduit. Over time the protective jacket of the fiber wore away, exposing the core. The fiber was replaced and care was taken to make sure the same problem didn't happen in the future.



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