

MAINTAINING CONNECTIVITY FOR THE TORNADO SIRENS

Radio Services Section,
Des Moines Police Department (DMPD)

Concerned about the data circuits and their use, DMPD sought assistance from the ICN.

AT A GLANCE

Challenges

- Time Sensitive
- Critical Communications
- No Fiber Access
- Installing and testing the new switch and optics

ICN's steadfast commitment to critical communications.



"The ICN staff were amazing with the research, design, and implementation of our new circuits within a very short window. They fully understood the impact to the public if these network transports were down and they came through with installation and testing before the old circuits went down."

Dave Lockard

Supervisor, Des Moines Police
Radio Services



CONTACT US



BUSINESS CHALLENGE

Against a firm deadline, the DMPD contacted the ICN after learning that their telecom provider intended to disconnect two data (T1) circuits. After consultation, the data showed, one circuit was operational from the DMPD radio shop to the 35th floor of the Ruan Building. ICN didn't have fiber access to the 35th floor, and the City of Des Moines was already using fiber into the building. The circuit in question controlled the signaling for the tornado sirens, also known as the Des Moines Civil Defense Sirens, and was essential to critical communications.

SOLUTION

ICN's team designed a solution to add two optical filters at specific access points along the fiber path. This would enable the City to continue to utilize the fiber, and add a channel for the ICN to access the fibers.

OUTCOMES



Consultation & Network Expertise

ICN facilitated conversations with the City/DMPD and the telecom provider. After requesting and not receiving an alternative solution from the telecom provider, ICN designed a solution for the critical communications.



Equipment Implementation

The solution was deployed in the city parking garage and on the 35th floor of the Ruan building. An existing functioning City ethernet system was moved to the newly installed fiber system and also installing and testing the ICN switch and optics on the open fiber optic channel.



Customer Support

ICN confirmed the T1 cabling, connections at the City Armory, and confirmed the plan to groom the radio equipment to the new ICN service. The last phase involved working with the DMPD radio team to move the city radio circuit to the ICN.