

SHARED TECHNOLOGY SERVICES @ JOHNSON COUNTY KANSAS

The Johnson County Information Technology Services Department (ITS) occasionally assists County related entities and Johnson County cities by providing technology services. The department has done this for several years and has provided everything from single services like Internet access and business applications to fully managed technology environments for various organizations.

Three examples of what we have done, what we are doing and what we plan to do follow:

Shared Fiber Network:

2004 – 2008

Phase I - City of Olathe Traffic Signal Project provided connections for 5 County buildings directly in the path of their fiber.

Phase II – Olathe extended their network providing connections for 5 more County locations

Phase III – County contracted for 2.5 miles of additional fiber to complete the loop with Olathe, providing redundancy and connecting to the new 911 Emergency Communication Center

2009 – 2011

City of Overland Park Public Works Fiber Project enabled connections to 8 more County locations along their route and enabled the cities of Lenexa and Shawnee to connect. Connected Cities of Merriam, Mission, and the Consolidated Fire Department

Benefits – 55 miles of fiber, improves public safety communication links, provides redundancy for several networks; enhances data collaboration between cities and County; augments the County network; opens opportunities for regional resource sharing; cost savings of \$3 - \$4 million.

Hosted Services

City of Mission –The City's technical environment including infrastructure and desktop assets were aged by today's technology standards and needed a major upgrade. They were frustrated with their current provider and asked us to assess the possibility of replacing them with our services. After an analysis of their operation, we agreed to provide them with the following:

Desktop/Server - A complete desktop and server replacement plan financed by the County

Security – Managing their firewall, email filtering, and anti-virus

Communication – Connect the City to the County fiber network, provide internet access, provide wireless access to the network.

Business Applications – Support 6 major applications while they continue to use Google Apps, email and archiving.

Other - Help Desk, data administration, and consulting services,

Governance – An Interlocal agreement defining the financing, annual fees and service levels.

Future Solutions:

Johnson County initially received a request from Fire District #1 to assist them in developing a network plan that would connect their Fire Stations to each other and to the County network. Looking for a cost-effective long term solution, we identified 9 agencies with a presence in the Southwest corner of the County that would benefit them as well.