

*The City of Wichita*  
*Cisco and Alexander Open Systems (AOS)*

# GOAL

*To construct a proof of concept (POC) IoT network in a subsection of the city and to enable city technology onto this network.*

*100% of City Traffic Signals and a sample of city technology suitable for IoT sensors within the POC area*

*By May 1<sup>st</sup> 2017*

# KEY SOLUTIONS

- *A Long Range, Low Power Wide Area Network (LoRaWaN) will be installed in the POC area with the assistance of City Partners and backhauled through city fiber optic.*
- *100% Traffic signal connectivity will be connected to the POC LoRaWaN Network and to the City's MIST Application.*
- *Other sensors (Air Quality, Trash, Water...) will be connected to better understand incoming data potential and impact on the city.*

# KEY STAKEHOLDERS

- *Technology and Network Architecture is being provided by AOS and Cisco.*
- *Public Works, City of Wichita, is assisting and facilitating the connection of various sensors and their connection to City Applications through the IT internal Network.*