

Goal #2 – Create a Resilient, Scalable, and Agile IT Infrastructure

Obj. 1 - Ensure a base level infrastructure is in place to accommodate growth

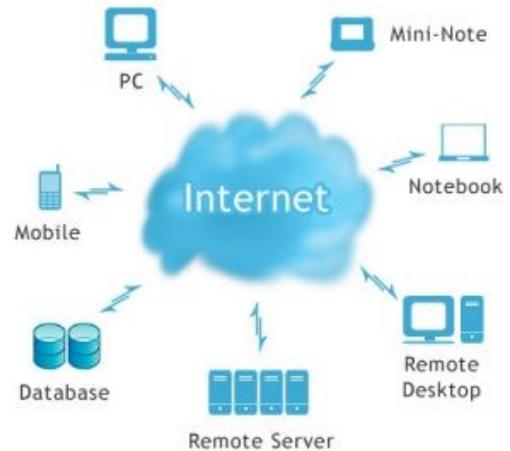
Obj. 2 - Seed infrastructure in anticipation of future upgrades and initiatives

Obj. 3 - Seek opportunities to adopt and implement cost-effective shared service approaches

Obj. 4 - Leverage transformational technologies (e.g. cloud computing for improved operational efficiencies)

The need for the City's network to dynamically grow and evolve on demand is paramount. Lowering costs and providing reliable connectivity to over 450 City locations via a wide area network is essential. The business requirements of today and tomorrow demand a high-performance infrastructure that can support faster access to data and applications with low power use.

In addition to ensuring a base level infrastructure that can grow to the needs of our customers, we put in place additional capacity, a seed infrastructure; extending the City's IT services to include cloud-based solutions.



More than ever the City is better prepared to mitigate outages due to weather-related events or other emergency situations, with the establishment of two highly-available data centers. Having consolidated data center space enables us to provide better, more reliable service to departments within the City. The consolidation of data centers establishes open standards as a requirement to simplify multi-agency connectivity, third-party integration, and security compliance with industry standards.

In leveraging technologies, our roadmap consists of a power consumption initiative for the City to optimize power loads for infrastructure. Additionally, we will expand the use of virtualization platforms to shift our investments to more efficient computing platforms, improve system delivery, and streamline costs. With the continual adoption of cloud computing, developing criteria to address what resides in the cloud, financial monitoring of subscriptions, technical standards, security, and configurations will be crucial in the continuous integration and delivery of future cloud-based solutions.



Beyond the cloud are opportunities to move to a hybrid model that completely changes the way we run IT. Our strategy is to leverage application hosting when there is a desire to satisfy a business need rather than standing up infrastructure wherever possible within financial, legal, and security constraints.