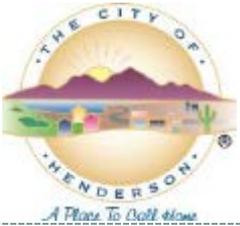


Technology and Data upgrades



CITY OF HENDERSON



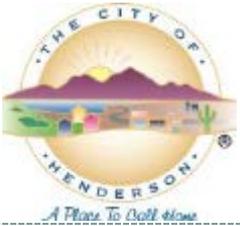


Technology and Data Systems Upgrades



- Network core refresh
- System Center Implementation
- Bandwidth upgrades

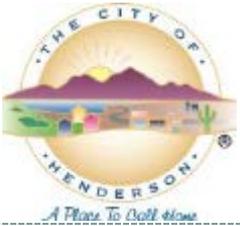




Network core refresh



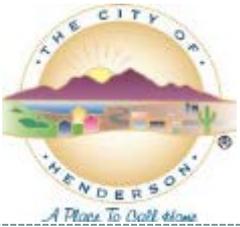
- Replaced four end-of-life routers with two current ones
- Saved over \$500k in equipment replacement costs
- Increased routing and switching performance by 2,000%
- Reduced maintenance and operation costs by 47%
- Reduced copper and fiber connection cable costs by 60%



System Center Implementation



- Upgraded System Center to 2012 r2
- Developed frame work for automation of operational tasks
- Reduced staff hours of associated tasks by 25%
- Automated maintenance updates
- Improved pre-failure analysis by 35%
- Increased uptime by 10%
- Decreased time to resolve and document system outages by 15%



Bandwidth Upgrades



- Upgraded 32 remote circuits to metro Ethernet circuits
- Improved circuit bandwidth by 13 times
- Increased redundancy and disaster recovery capacity by 50%
- Increased productivity for remote workers by 12%
- Simplified bandwidth management to be managed as a complete system

