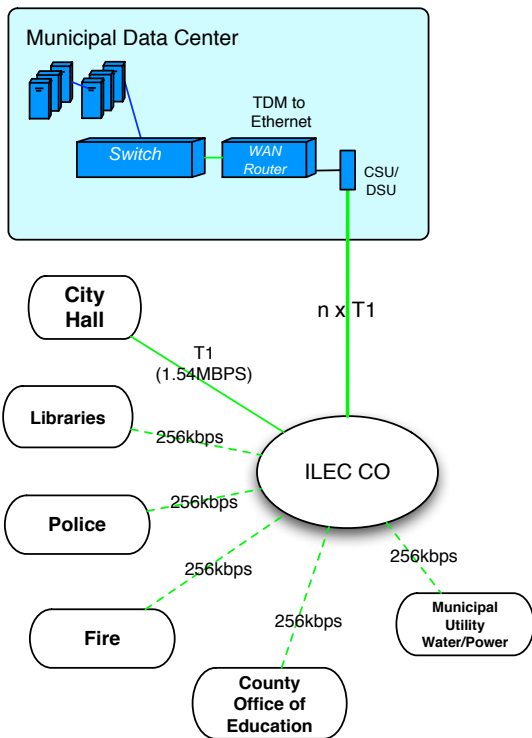


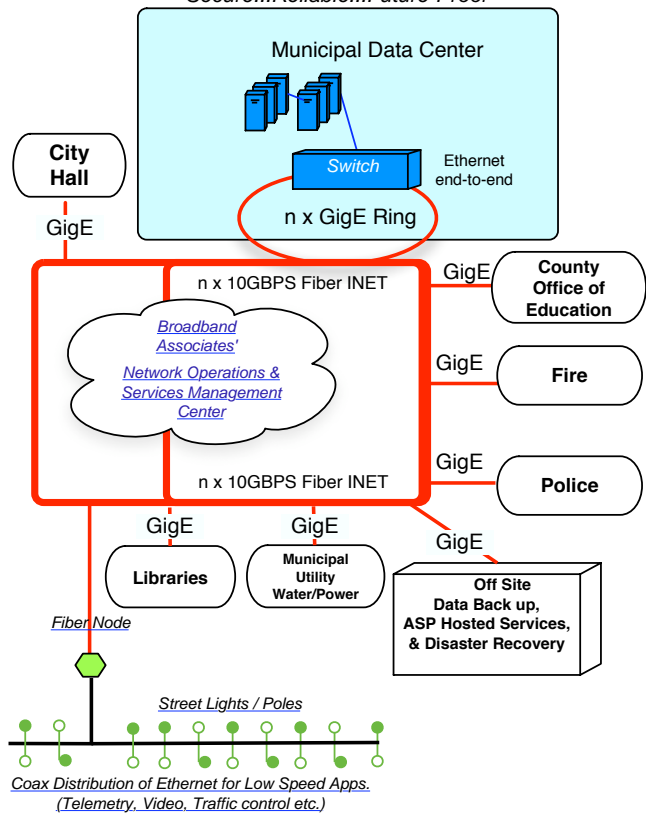
The Fiber Optic Advantage - Government

Legacy, Copper Based INET



Fiber Optic INET

Secure...Reliable...Future-Proof



Secure, reliable, and future-proof, a fiber-optic WAN reduces support and maintenance costs, and simplifies every aspect of network operations. There are no remote servers, no phone switches or routers, no protocol conversion devices —so there are far fewer points of failure.

Transmit Data More than 600 Times Faster

Network	Speed	Cable	Summary
T1	1.5 Mbps	Copper	Current standard; older, unreliable technology
T3/DS3	45 Mbps	Copper	Faster; but still unreliable, with low return on investment
Gigabit Ethernet	1,000 Mbps	Fiber-optic	Secure, reliable, future-proof

A single fiber-optic cable provides scalable, nearly unlimited bandwidth. One Gigabit link is the equivalent of 647 T1 lines. A fiber-optic, Gigabit Ethernet network is 647 times faster than a T1 line, transmitting data at 1,000 Mbps—one billion bits per second!