A Small City's Economic Transformation

Learn how Danville is attracting new industries and businesses:

Why Danville is home to a next-generation Cray XMT supercomputer — the first outside a federal lab or university.

What made IKEA chose Danville as the home of its first U.S. factory.

How Danville has recently attracted an aviation company, a maker of “green” computers, an applications and data center, a manufacturer of hybrid vehicles — and many more job-creating organizations.

Understand the benefits of the city’s fiber networks:

- High-bandwidth available in office buildings, rental apartments, and condominiums.
- Area schools with Gigabit network connections and improved services at lower cost.
- The nDanville Medical Network connecting doctors’ offices and medical clinics around the city.
- The first U.S. municipality with a network designed to allow third party providers to easily offer services.
- Connectivity at any speed or capacity needed by any business in the region — including data centers and server farms.
- Customers being offered a choice of providers and services — and buying directly from private sector companies.
- Declining costs for telephone and Internet service.

How a former textile city shaped its future growth:

Danville is one of just a few areas of the United States with world-class telecommunications services to every home and business.

Business owners and entrepreneurs can move to Danville knowing that workers and staff will all have affordable broadband access from home and from work.

Services to include:

- Live HD video
- Movies on demand
- Business videoconferencing
- Telemedicine and telehealth services
- Online gaming
- Computer backup services
- Distance learning
• Editing and storage of home videos
• Security services

Public Power Smart Grids and Services

The nDanville fiber network supports Danville’s Smart Grid effort providing resilient and reliable electric power to businesses and residents.

nDanville uses state of the art Advanced Metering Infrastructure (AMI) with sophisticated substation and power monitoring. Every substation is monitored using fiber connections — and a highly sophisticated outage management system enables the grid operators to quickly diagnose and solve power issues.