

# BROADBAND TASK FORCE

Presented by  
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# CONSOLIDATED TELECOMMUNICATIONS COMPANY (CTC)

The premier provider of communication solutions providing products and services that enhance our customer's personal and professional lives.

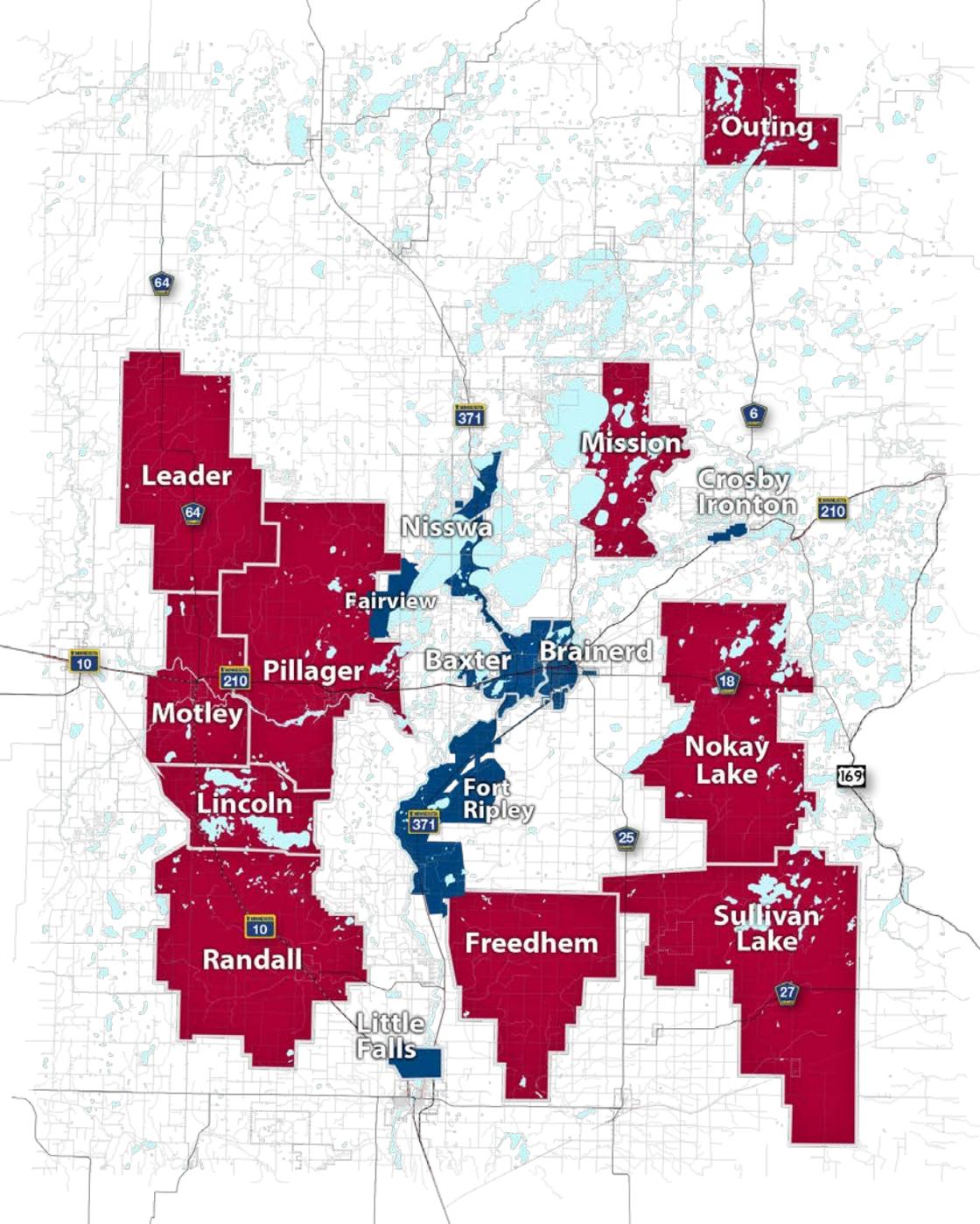
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Co•op•er•a•tive

*|adjective*

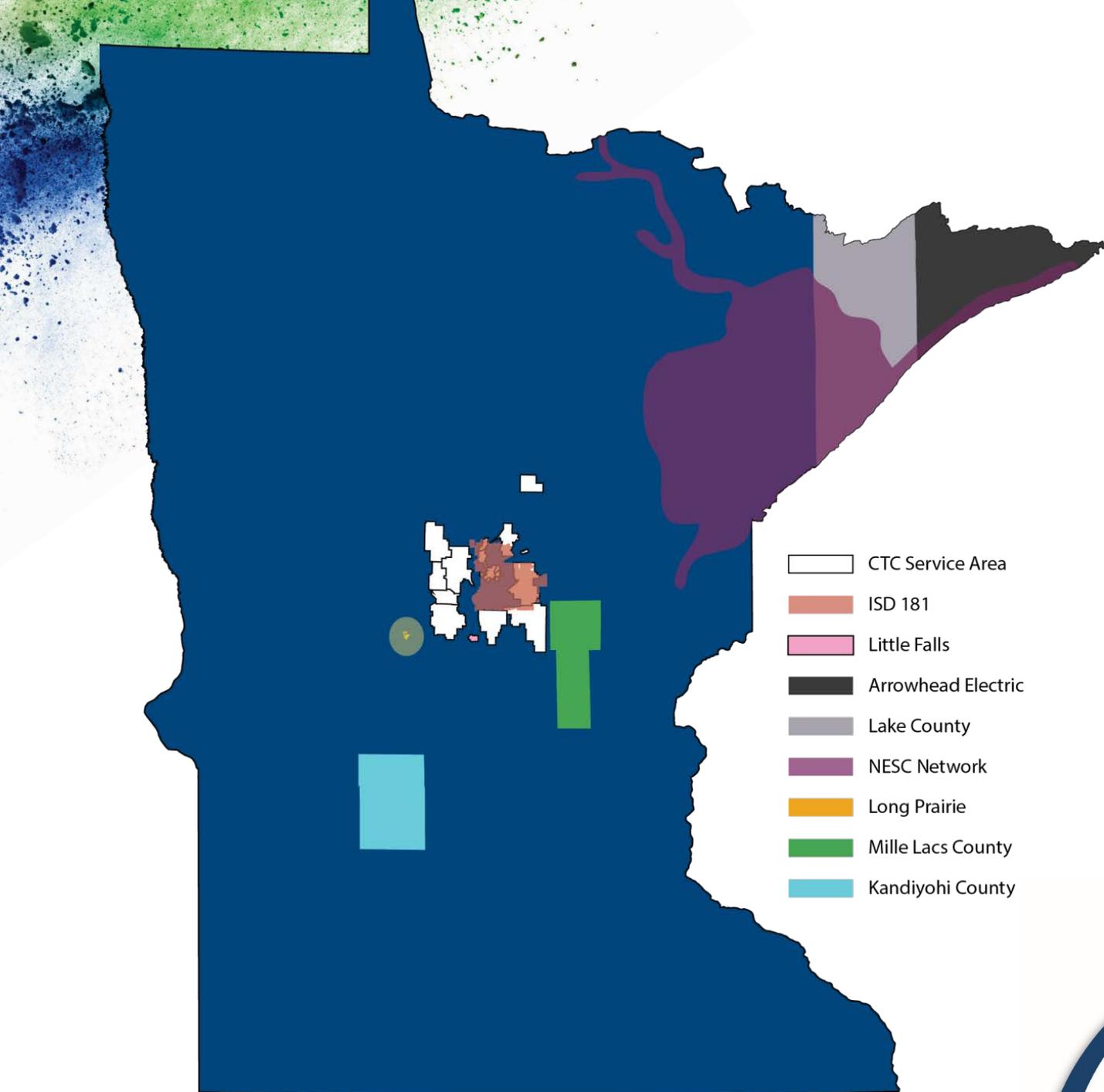
1. Done in cooperation with others: a cooperative effort
2. Marked by willingness to cooperate;





CTC has invested \$65M  
in Fiber Optics since  
2005 in the Region





-  CTC Service Area
-  ISD 181
-  Little Falls
-  Arrowhead Electric
-  Lake County
-  NESC Network
-  Long Prairie
-  Mille Lacs County
-  Kandiyohi County



# Hudson Institute April 2016 Briefing Paper

*In Partnership with Foundation for Rural Services*

## “The Economic Impact of Rural Broadband”

# Key Findings:

- Rural Broadband companies contributed \$24.1 Billion to the economy in 2015.
  - MN contributed 911.3M and added 2,517 directly related jobs.
  - MN contribution was the 6<sup>th</sup> largest in the US, behind Texas, Florida, North Carolina, Pennsylvania and Georgia.
- The rural broadband industry supported 69,595 jobs in 2015.
- Rural Broadband supported over \$100 billion in e-commerce with the largest share in manufacturing.



# BORDER-TO-BORDER GRANT RESULTS

# Grant #1 – Fairview Township & Fort Ripley Township

- Project is closed out and 100% complete.
- 716 Establishments passed.
- \$5,665 cost per establishment passed.
- 108.14 miles of fiber installed.
- 412 Customers Connected
- 58% Take Rate as of 4/15/17

# Grant #2 – Fort Ripley Township Phase II

- Project is 99% complete. Close out in summer 2017.
- 272 establishments passed
- \$4,825 cost per establishment passed
- 43.04 miles of fiber installed
- 150 Customers Connected
- 55% Take rate as of 4/15/17

# Broadband Impact Study: Grant #1

- Customer service and reliability of connection are more important than pricing of services.
- Customers needed increased bandwidth to support their usage.
- The older adult population surveyed is far more connected than the older adult population nationally.
- 14% they now telework vs. commute to work.

# Broadband Impact Study: Grant #1 (cont.)

- Over 20% of customers have a home-based business or farm with 36% reporting that the internet reduced their overall operating costs.
- Almost 9% of customers have plans to start a home-based business in the next 1-3 years.
- Nearly 30% of customers are utilizing their home internet connection for health care services.
- 40% saying that they could not live in home without a reliable high-speed internet connection.

# Workforce & Technology Integration

- Over the next 15 years, 1.3M Minnesotans will retire.
- There will be 65,000 additional jobs added to MN in the next 15 years.
- Population growth will be the lowest MN has ever seen in the 10-years.
- We must come to the conclusion that there will not be enough bodies to do the work.
- Automation, machines and robots will be the answer.