

The Internet Age:

Throughout American history, “arteries for growth” have included waterways, railroads, air travel, and highways. The internet is now having a huge economic, societal, and cultural impact on America and the world. If the World Wide Web is the 21st century version of the interstate highway system, the PANGAEA Internet network is the “speed of light” fiber optic on-ramp and off-ramp for our region.



There are 3.7 billion internet users worldwide

Number of internet devices = 3 times the worldwide population

Internet usage is doubling every year

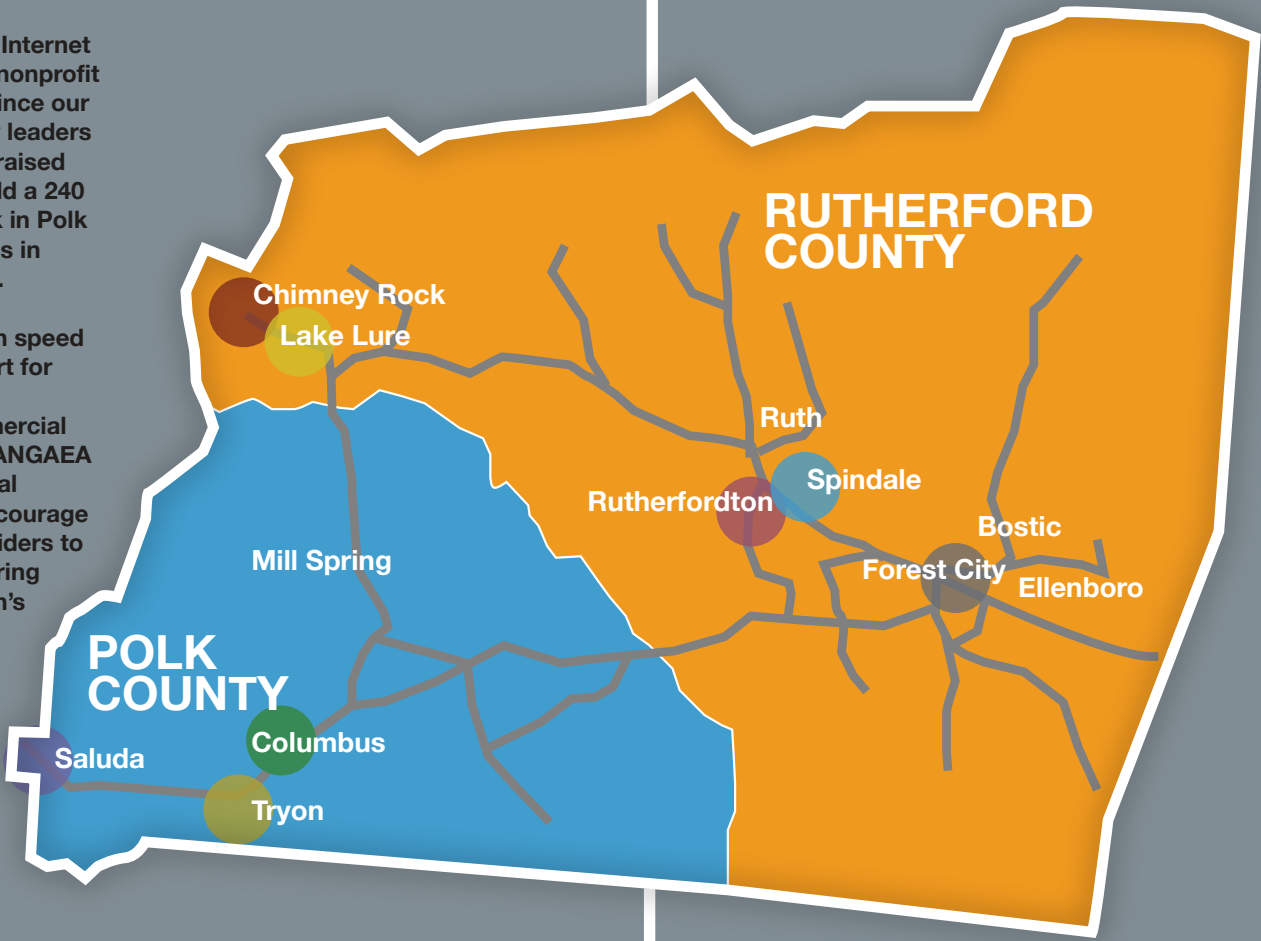
It would take 6 million years to watch all videos transmitted each month

PANGAEA is a Greek word meaning the “whole earth” and reflects our belief in the power of the internet to connect our communities with the world – and we’ve only just begun!

PANGAEA’s Service Area

PANGAEA [pan-jee-uh] Internet is a community owned nonprofit 501(c)(3) corporation. Since our founding by community leaders in 2003, PANGAEA has raised almost \$4 million to build a 240 mile fiber optic network in Polk and Rutherford Counties in western North Carolina.

PANGAEA provides high speed bandwidth and transport for health care, education, government, and commercial customers. Although PANGAEA does not offer residential service, we strongly encourage residential service providers to utilize our network to bring broadband to the region’s unserved residents.

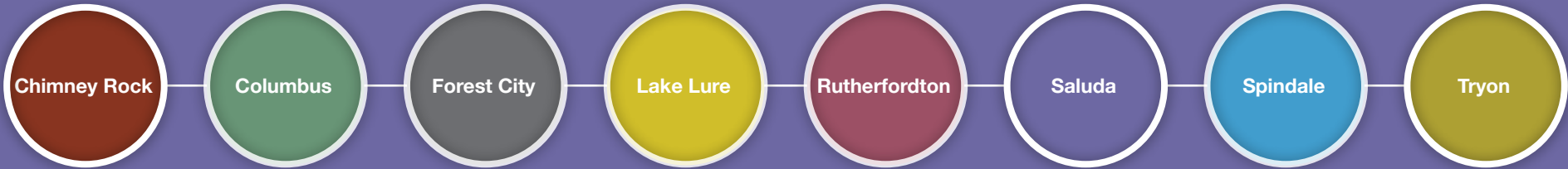


Fiber optic technology isn’t influenced by weather, uses light to transmit data, is environmentally “green,” and is extremely secure

Each fiber strand is 1/7 the diameter of a human hair and capable of transmitting 250 million phone conversations per second



PANGAEA and our partnerships provide public Wi-Fi to eight local downtowns:



PANGAEA'S ROLE + IMPACT

Mission:

To deliver affordable, reliable connectivity and services for our region that will enhance economic development, improve the quality of life, and create a broad platform of innovation enabling underserved areas.



Sean O'Connell installing fiber in Columbus, NC



Stu Davidson, Operations Director and Ken Griffin, Network Engineer with the "VAN...GAEA"



Over 300 people enjoyed PANGAEA's public Wi-Fi during Tryon's Farm to Trade Street event

Partnerships:

BOARD OF DIRECTORS

JIM EDWARDS, President
JOSEPH CROWDER, Secretary
HARRY GRYMES, Treasurer
JEFF BYRD, Director
STEVE GARRISON, Director
MARCHE PITTMAN, Director
RUSS PITTS, Director

MANAGEMENT & STAFF

RON WALTERS, Executive Director
STU DAVIDSON, Operations Director
KEN GRIFFIN, Network Engineer
CAROLYN WHITEHEAD, Office Administrator



Today, broadband is like oxygen to rural America. PANGAEA has discovered a formula that works and our region now has an extensive broadband infrastructure. Strong and tireless community leadership, aggressive tapping of funding sources, a dedicated and talented staff, and extensive public/private partnerships were the key ingredients. We also recognize that many in our community are frustrated that they still do not have residential



access to broadband. PANGAEA continues to work with residential service providers to identify funding sources and address the cost issues preventing the deployment of better residential internet service options.

Ron Walters
RON WALTERS, Executive Director

Public/private partnerships have provided the necessary puzzle pieces to create this state-of-the-art network and dramatic community impact.

Impact:

CLIENT TESTIMONIALS: read more at www.pangaea.us/customer-feedback



Total Student Population in Polk & Rutherford Counties:
13,415 (est.)
CONNECTED

We couldn't continue to be one of the highest performing school systems in the state without the reliability of this network.

Dave Scherping, Polk County Schools

This network has allowed our teachers and students the ability to reach a wealth of educational resources.

Benny Hendrix, Rutherford County Schools



Total Number of Health Care employees:
1,100 (est.)
CONNECTED

Tuesday rolled around...time to see patients AND IT WAS WONDERFUL! No consistently dropped internet service . . . and so much faster! PANGAEA's customer service was excellent. Looks like you guys are in the same business as us, "making people smile"... because we surely are smiling now with our great service!

Melody Levi, Dr. Steve Edney Orthodontics, Columbus



Total Number of Government employees:
1,044 (est.)
CONNECTED

PANGAEA connectivity allows the Polk County Government to share information instantaneously between county departments as well as pool resources. PANGAEA provides reliable internet service that is crucial to government needs, especially for the 911 services.

Marche Pittman, County Manager, Polk County Government



Total Number of Customer Locations:
OVER 200
CONNECTED

PANGAEA has provided a very high standard for uptime and quality of service for our business. This is critical as we use the internet for our phone systems, where we take a large number of sales orders through our call center operation. They have been a great partner.

Richard Hendricks, Tanner Companies, LLC, Rutherfordton

99.97%
network uptime

\$10,000
customer grants and fiber splicing scholarships

550%
10-year revenue growth

268,000
wi-fi users since 2015

Customers:

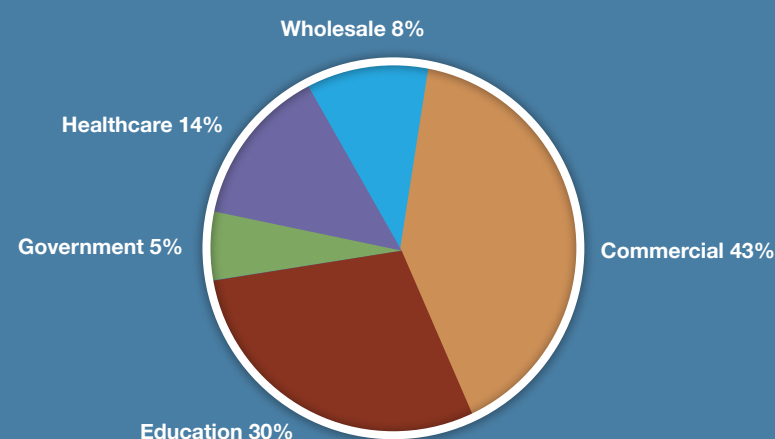
100%
rate PANGAEA as having some or a significant impact in the community

95%
rate PANGAEA customer service as above average or excellent

96%
are likely to recommend PANGAEA to others

100%
are satisfied or very satisfied with PANGAEA

2016 CUSTOMERS BY SEGMENT



3rd Annual Customer Appreciation Event

What's Next



Add customer locations
to our current fiber route



Expand our
fiber footprint



Evaluate partnerships to expand
residential broadband service

Current Clients

COMMERCIAL

Acadia Northstar, LLC
AllRail, Inc.
Ameridial
Arledge Law Firm, PLLC
B&W Fiber Glass, Inc.
Black Coffee Tryon, LLC
Blanton Flack Agency
Booth Realty, Inc.
Brady/Trakas Architects
Bright Asset Management, LLC
Camp Lurecrest Ministries, Inc.
Carnes & Associates, Inc.
Carolina Foothills Chamber of Commerce
Carolina Insurance
Carolina Plumbing
Carolina Properties
Charter Communications, LLC
Chop Shop Auto Parts
Chuck Taylor, CPA
Cielo Real Estate, Inc.
City Computer
Coldwell Banker - Matheny Real Estate
Conner Computer Consultants, Inc.
Cozy Fleece
Diamondback Tactical
Drop In Food Stores, Inc.
Drummond House Company
Easley Appellate Practice, PLLC
Firehouse Inn
First United Methodist Church of Forest City
Foothills Animal Clinic
Forest City Associates-John Padgett Real Estate
Fountain Services, LLC
Fulton Technology Corporation
Gaming Tickets
Gargiulo, Inc.
Gilkey Lumber
GoForth Pest Control
Gospel Express Ministries
Grace Foothills Church

Green River Acres, LLC
Grindstaff's Interiors
Harris Custom Cabinetry, LLC
Herrmann International
High Tech House Call
Hinkle's Pet Hospital
House of Parisou, Ltd.
Huckleberry's Restaurant
ImagineTime
Insurance Service Associates
Jay's Lawn Service (Avery Creek Nursery)
Jeweltex Fabrics
JobSkills Academy
K Brothers Construction, LLC
KCH Engineered Systems
King Law Offices, PLLC
Lakeside Mills
Liberty Street, LLC
LNS & Associates, LLC
Maishman Consulting, Inc.
Major Lee's, Inc.
Manual Woodworkers, Inc.
McCurry-Deck Motors, Inc.
Midway Baptist Church
Moneto, LLC
Mr. Lake Lure Real Estate
Mt. Vernon Cubbard
New View Realty
Odom and Associates
Ollie Stratton
Organic Skin Care & Manicuring
Pisgah Legal Services
RegularGuy Enterprises, Inc.
RHI Legacy, Inc.
Ruff'ton Brewhouse
Rumbling Bald Resort on Lake Lure
Rutherford County Chamber of Commerce
Rutherford Heating & Air
Rutherford Sales and Recovery
Scoop, LLC
Second Baptist Church of Rutherfordton

Skyrunner
Sotheby's International Realty
Staton & Cooper, P.C.
Steps to HOPE, Inc.
Sunray
Sustainable Impact, LLC
Swiftwater Farm
Tanner Companies
The Alz App, LLC
The MVP Service (Lake Lure Resort Realty)
ThirtyOx
Time Warner Cable
Touchstone Fine Cabinetry, LLC
Trelleborg Coated Systems, Inc.
Truck Service, Inc.
Tryon Daily Bulletin
Tryon Equestrian Properties, LLC
Tryon SDA Church
Two Mile Properties
United Way of Rutherford County, Inc.
Vista NC Management, Inc.
Washburn Realty
Wayne Wire Die Company
White Oak Carpet
Workforce Benefits Company

GOVERNMENT

Isothermal Planning & Development
Commission
Polk County Government
Polk County Library
Polk Soil & Water
Rutherford County Government
Rutherford County Library
Town of Columbus
Town of Forest City
Town of Lake Lure
Town of Rutherfordton
Town of Spindale
Town of Tryon

EDUCATION

Isothermal Community College
Polk County Schools
Rutherford County Schools
Thomas Jefferson Classical Academy

HEALTH CARE

Advent Internal Medicine
Blue Ridge Community Health Services
Breakthrough Chiropractic Clinic, PA
Colonial Manor Rest Home
Cooper-Riis
Dr. Sandra McCormack
Dr. Steve Edney Orthodontics
FairHaven Nursing Home
Foothills Medical Associates
Gallant Enterprises
Heritage Healthcare, Inc.
Hospice of Rutherford County
Medical Arts Pharmacy
Medical Records Retrieval
Medicap Pharmacy
Rutherford Life Services
Rutherford Regional Health System
Rutherford-Polk-McDowell District Health Dept.
Serenity Chiropractic Center, PLLC
St. Luke's Hospital
TRT, LLC (Rutherford Health Center)
Tryon Hearing Center
Tryon Therapeutic Massage
White Oak Management, Inc.
Willow Ridge Rehabilitation & Living Center



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www.pangaea.us