Harnessing Digital Innovation for Fiber Network Deployment to:

- Accelerate Digital Equality
- Connect Communities
- Empower People
Biarri Networks is the end-to-end telecom engineering company that's revolutionizing network design and deployment. We bring projects to life quickly and efficiently with our unique collaborative, data-driven approach.
We have a global footprint with offices in Australia, Philippines, UK/EU and the USA and have delivered optimized solutions across the world.

Delivering mathematical expertise to

100s of clients and 100s of projects across 5 continents

USA Market
Focal geographic market to delivering optimization solutions to the entire telco and engineering ecosystem.

UK Market
Secondary market with history providing optimization solutions to the entire telco and engineering ecosystem.

ANZ Market
Home market delivering optimization solutions to the entire telco and engineering ecosystem.

Africa Market
Ongoing market delivering optimization solutions to the entire telco and engineering ecosystem.

Melbourne, AU
Centennial, CO
Our Approach

Biarri Networks' Engineering Services Team works directly with customers to tailor our technology and services to meet specific project requirements. We believe that the key to successful network design and construction is close collaboration and partnership with our customers. We work with all stakeholders and partners to ensure alignment on project specifications, data interpretation, and expected results. We believe that a partnership with Biarri will achieve optimal deployment and timeline results with huge positive impacts to the fidelity of the financial process.

The Biarri Networks engineering services team partners with consultants, telecom companies, cooperatives, ISPs, and other companies to:

- Complete Feasibility level network designs and associated BoM to establish cost for initial budgeting
- Data Preparation
- High-Level Network Design w/BoM
- Field Validation via Partner
- Low-Level Network Design w/BoM
- Construction/Permit Print Creation
Understanding Your Unique Data

Helping to gather, sort and make sense of the geographic, topographic and construction-level inputs that contribute to a more efficient, cost-effective high-speed network build.

End-to-End Engineering Management

From initial project conception until deployment, we work closely with all stakeholders on a network deployment project to coordinate a data-backed source of truth and unified timeline.

True Collaboration with Partners

Our process is consistent and scalable, but also highly collaborative, ensuring that each network deployment project meets the needs of all involved partners and the communities they serve.

What We Do
Technology can’t work in isolation

E2E Process
A data-driven approach to facilitate communication between people, processes and technology.

Intelligent Technology
Advanced software tools that enable planners and engineers.

Standards
Strict data and engineering rules guidelines that underpin all decisions.

Speed
Scale
Consistent
Thank you!

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Find Us Online
www.biarrinetworks.com
Harnessing Digital Innovation for Fiber Network Deployment

Mountain Connect
August 2021
Introducing Render Networks

Render’s leading geospatial construction platform has a **unique task-based approach** to deploying best-in-class broadband networks.

"You have visibility of one source of geospatial data. A connection between design, construction, and operations handover that’s never been done before."

Gary Ervin, Executive Chairman
Innovating how broadband networks are deployed

**SCOPE**
Transform network designs into a digital scope of work
Sequenced for optimal delivery, dynamically assign tasks to the most efficient crews, priority locations or customers

**CONSTRUCT**
One workflow integrating construction, QA, and change processes
Real-time, geospatial construction progress visibility to reduce duration and delivery risk

**COMPLETE**
Downstream requirements captured consistently throughout construction
Maintain consistent as-built data to unlock downstream operations, customer and finance systems
Everything you need to streamline end-to-end deployment
Unlike traditional paper-based approaches, Render’s geospatial platform will allow visibility into all aspects of the construction process in real time to the customer, it’s vendors and 3rd party stakeholders.

For example, Render’s Hub - one of the three Render applications that shares a single platform is comprised of multiple dashboards containing project-specific construction data. It can be configured and customized to meet your needs.

Hub data is automatically and progressively updated as the work proceeds, using data captured directly by crews in the field using Tickets, and from the office using data generated in Scale by project resources as work is managed.

Current Dashboards include

+ High Level Progress
+ Weekly Production
+ Production Trends
+ Contractor Reporting

Render will provide 5 Hub viewer licenses for your municipal stakeholders
And achieve industry-leading ROI

30% project lifecycle reduction across Render’s client portfolio

Streamlined customer connections, and 5x reduced time-to-revenue

75% Saving in administration resourcing

“Render has saved us a lot of money by reducing the number of people to manage a project 4 to 1.”

Jeremiah Sloan, COO, CECC

Delivered a 30k premises network 1.5 years ahead of schedule with reduced CAPEX

2x faster field productivity and OSP deployment

“High-level summations of project progress to direct work crews daily is enormously time-saving and drives efficiencies in resource utilization”

David Malfara, COO, TWN Corporation
Thank you

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Director Commercial & Market Development
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Mountain Connect 2021

Harnessing Digital Innovation for Fiber Network Deployment

Presented by Sean Dundon
Director - Business Development  VETRO, Inc.
VETRO, Inc. delivers Internet Infrastructure Intelligence through a unique network asset management software platform

- VETRO FiberMap launched 2016
- Thousands of Users in 40+ States and 20+ Countries
Network Maps

- CAD
- Desktop GIS
- Google Earth
- Paper
Fiber Management

GIS database
Purpose-built for fiber

- Plan
- Design
- Build
- Manage
The VETRO Platform

APIs and Connectors offer limitless integration options

- Construction Management
- OSS / BSS
- AutoDesign
- Network Monitoring
- Mobile
- CRM/Sales
Simple, real time data sharing for productivity from day one

THE VETRO PLATFORM
Critical data hub for the complete network lifecycle

THE NETWORK LIFECYCLE:
PLAN > DESIGN > BUILD > MANAGE

PLAN / DESIGN
Data
Auto Design

BUILD
Construction
Work order management
Mobile

MANAGE
CRM
Provisioning
OSS / BSS
Thank You!

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www.vetrofibermap.com