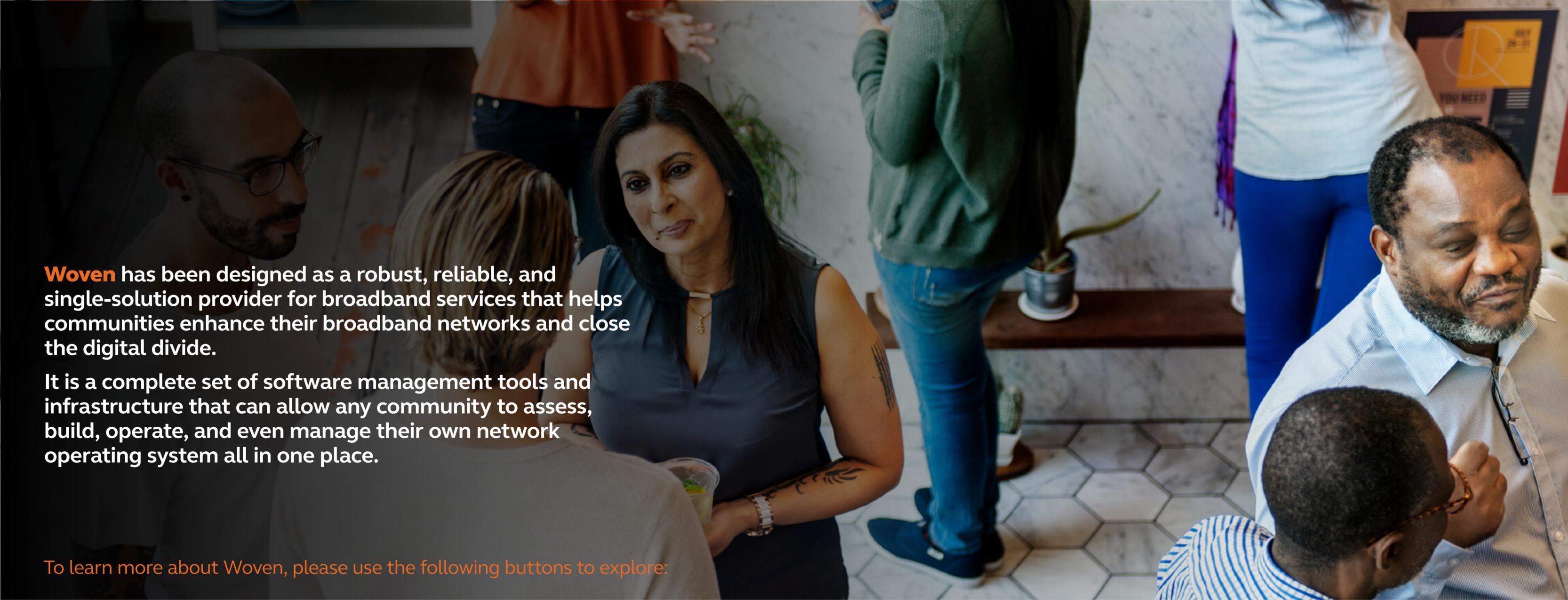


woven

Smart Arcadis Solutions

The digital fabric of your community

This is an Interactive Document



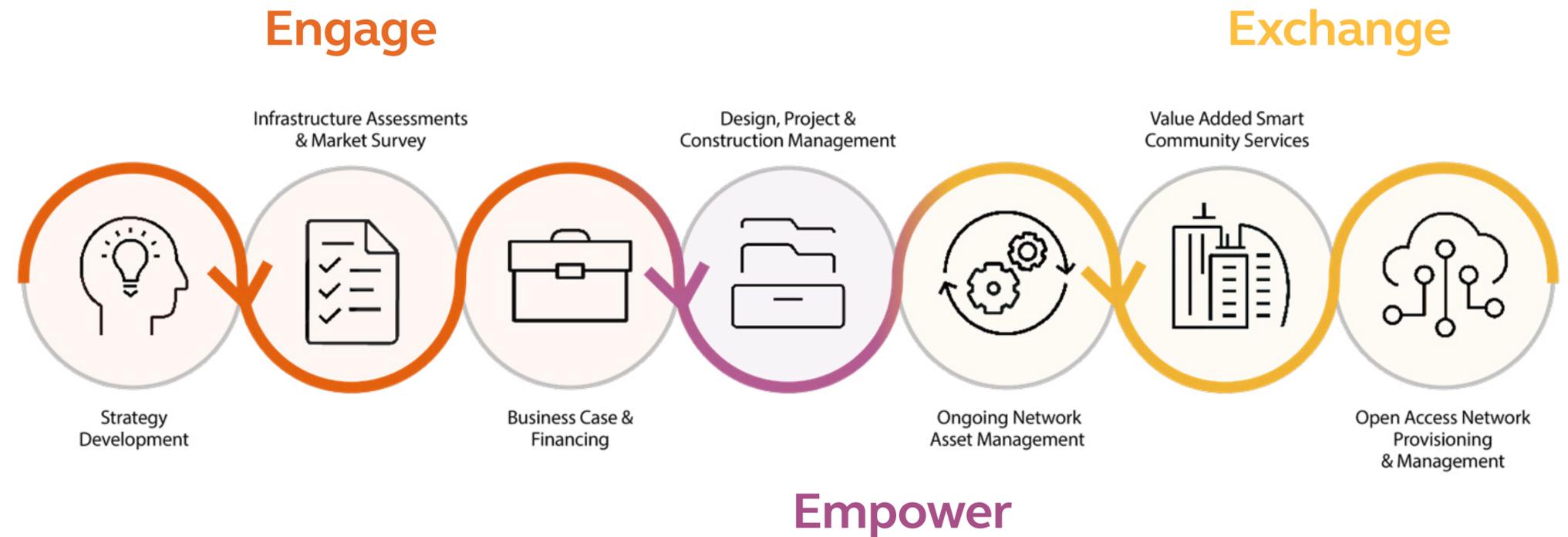
Woven has been designed as a robust, reliable, and single-solution provider for broadband services that helps communities enhance their broadband networks and close the digital divide.

It is a complete set of software management tools and infrastructure that can allow any community to assess, build, operate, and even manage their own network operating system all in one place.

To learn more about Woven, please use the following buttons to explore:

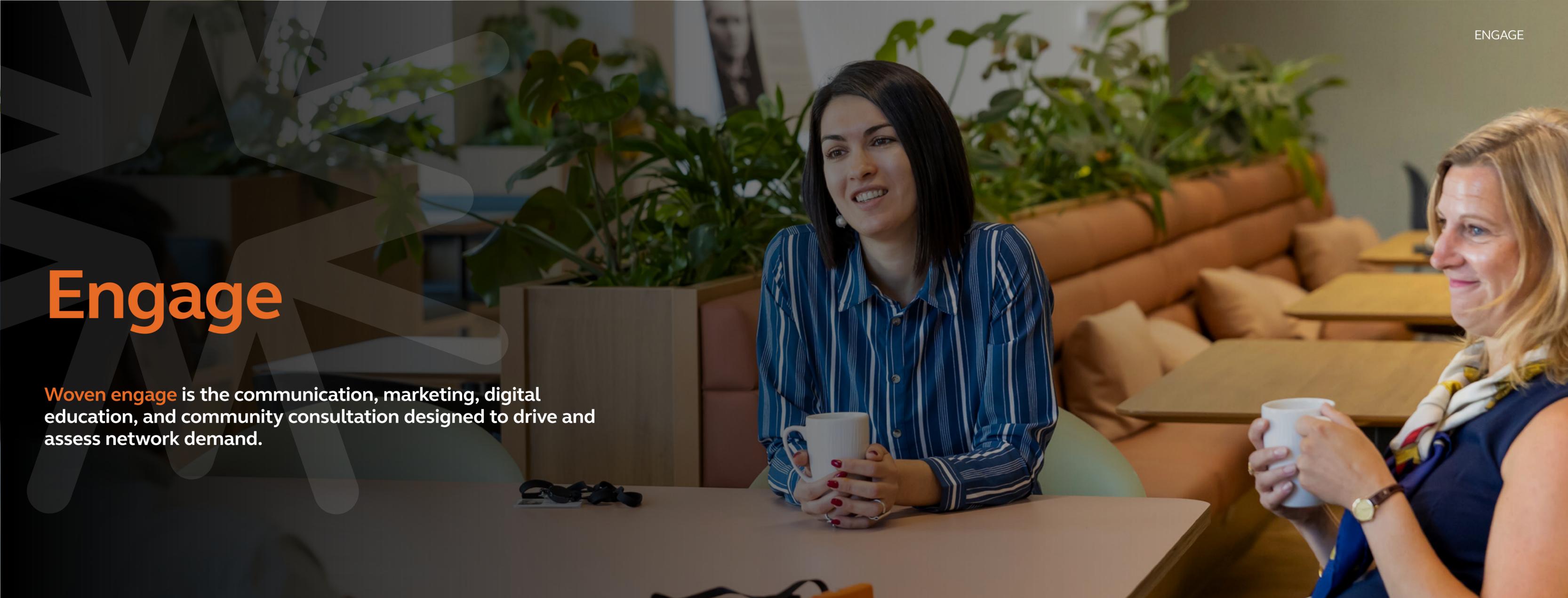
Our Range of Broadband Services

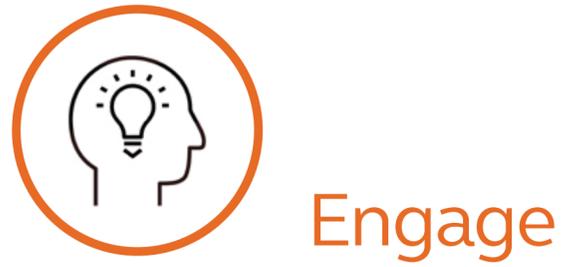
Woven Smart Arcadis Solutions delivers support at every stage of the broadband development life-cycle utilizing a powerful combination of demand aggregation tools, open access networking, and automated service provisioning to seamlessly integrate fiber and network asset management solutions, forming the foundation for all network development.



Engage

Woven engage is the communication, marketing, digital education, and community consultation designed to drive and assess network demand.





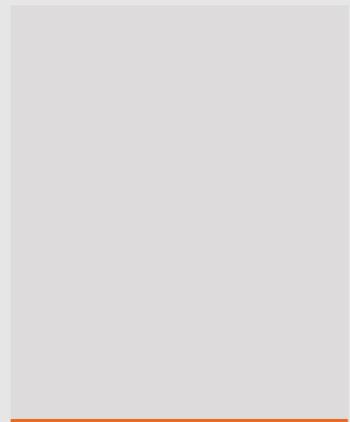
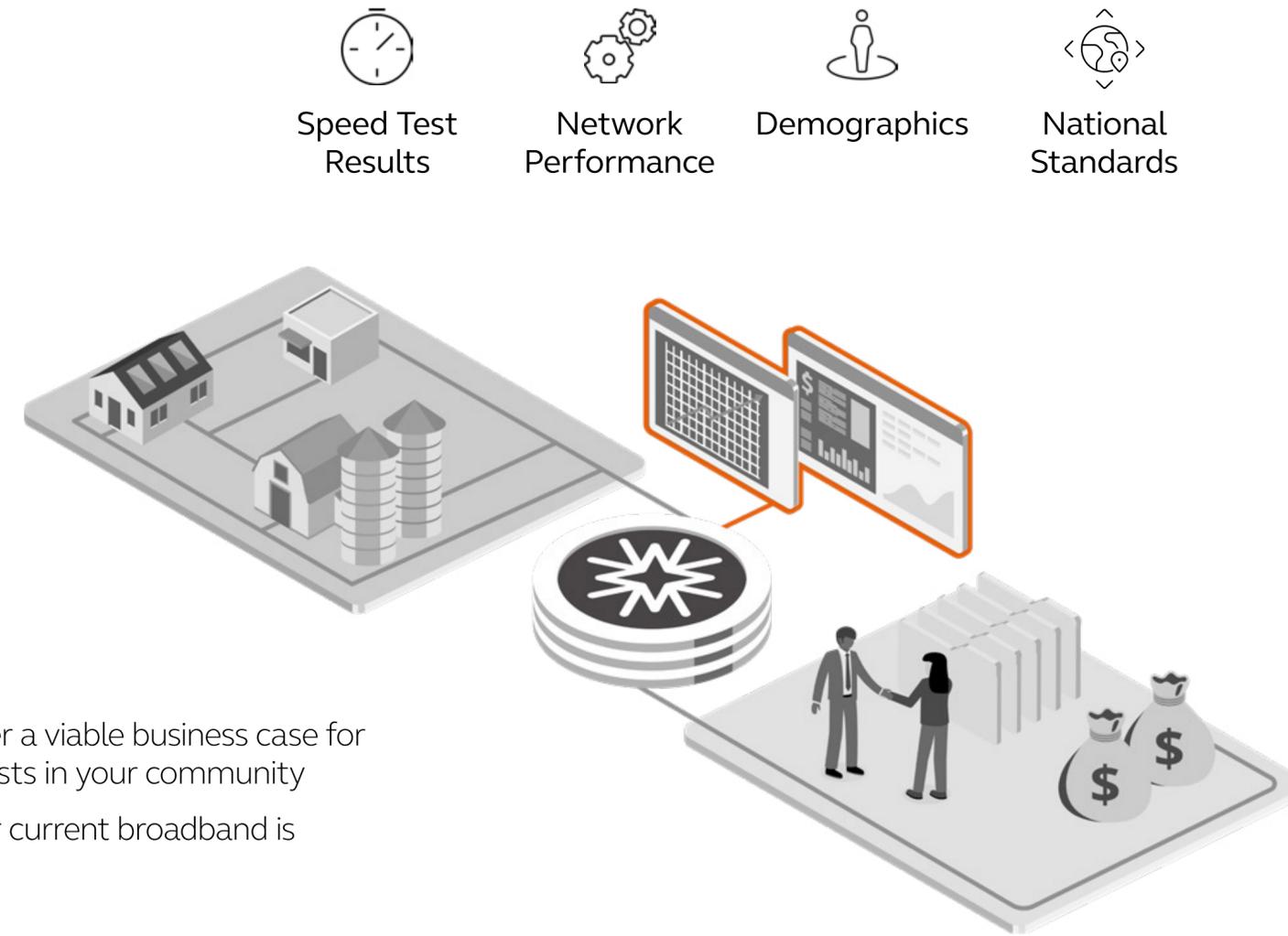
Strategy Development

Planning and Broadband Assessments

Woven begins with a review and assessment of the existing network in your community through evaluating existing network performance through information such as speed tests, error rates, and by measuring performance to manufacture specifications. This helps to identify where gaps exist and to understand exactly how your network is performing.

Benefits

- A definitive answer to whether a viable business case for broadband improvements exists in your community
- Understand exactly how your current broadband is performing





Competitive Market Analysis



Community Engagement and Outreach



Marketing and Social Media



Needs Assessment and Survey

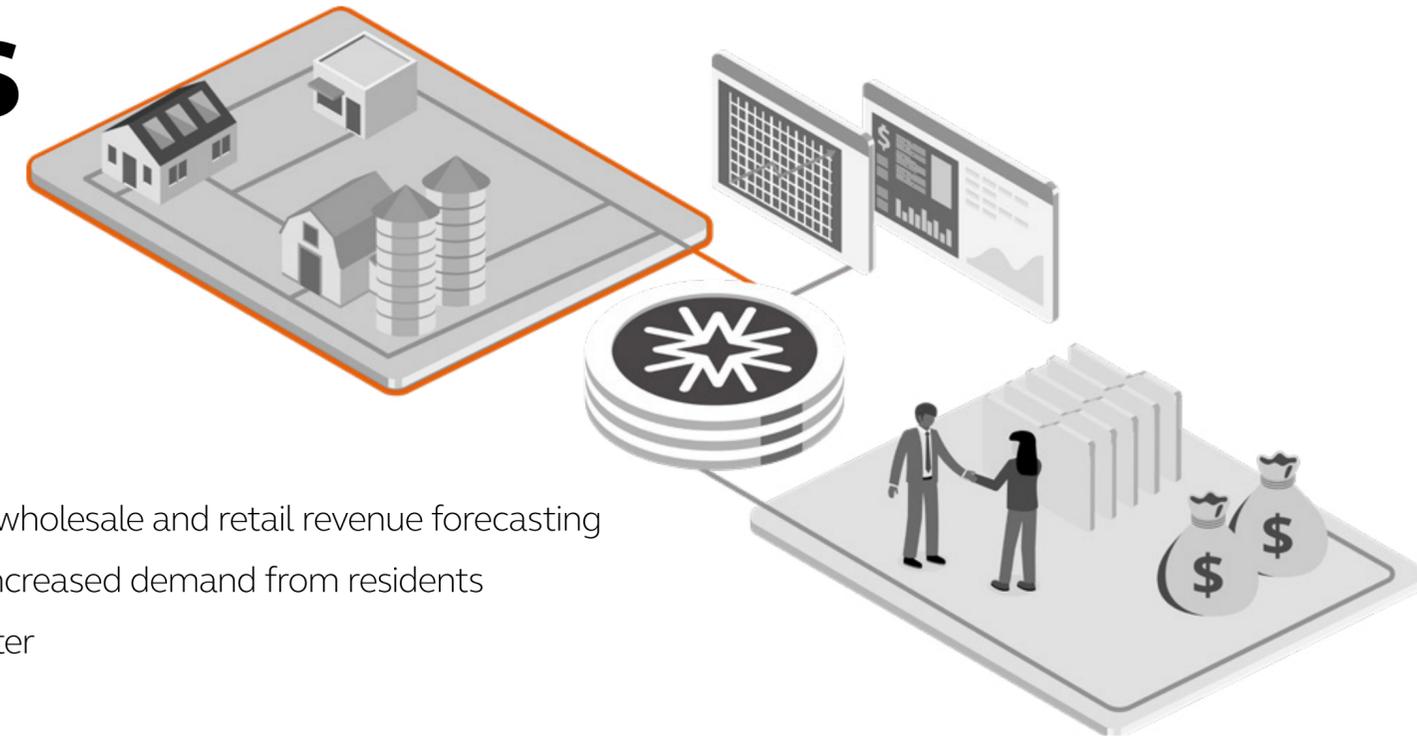
Infrastructure Assessments & Market Survey

Demand Aggregation, Competitive Analysis, and Community Engagement

Woven engages with the community to create a website for residents to communicate information and identify the needs and wants of the community. The site also provides a market analysis and can identify highest demand areas within the community to be able to prioritize areas.

Benefits

- Intelligence and evidence for wholesale and retail revenue forecasting
- A community presence and increased demand from residents
- Build broadband network faster
- In-depth market intelligence





Engage

Business Case & Financing

Business Case, Partnership Development, and Funding Proposals

Woven can also help to advise and strategically plan to help to submit proposals and grant funding to facilitate capital investment.

Benefits

- Avoid spending consuming amounts of time writing, collecting data, and researching
- Capitalize on partnerships for increased chances of success
- Submit proposals that have a strong chance of success



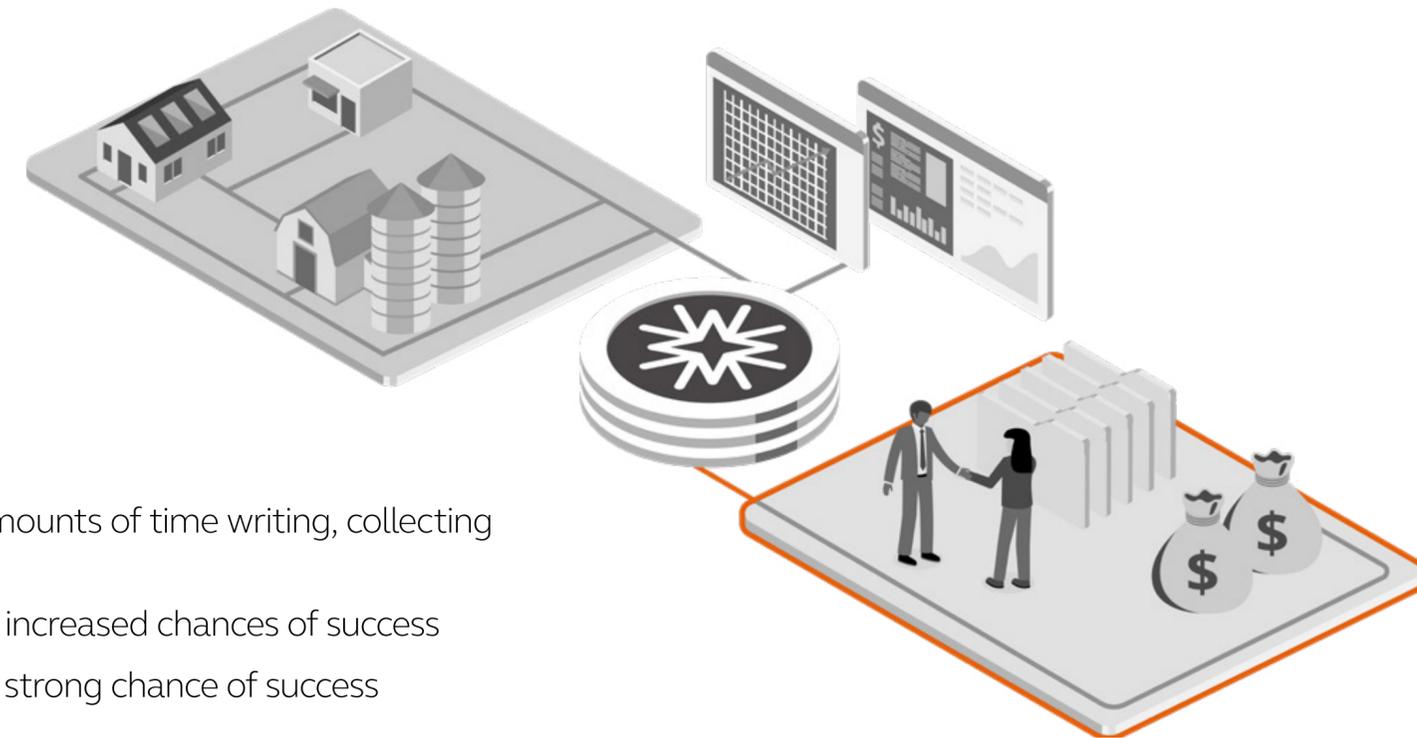
Partnership



Investment
Advisor



Grant
Proposal



Empower

Woven empower is a complete asset management solution which begins at the construction phase and empowers network operators by allowing complete control of network facilitation and administration.





Empower

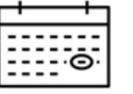
Design, Project & Construction Management



Design



Construction

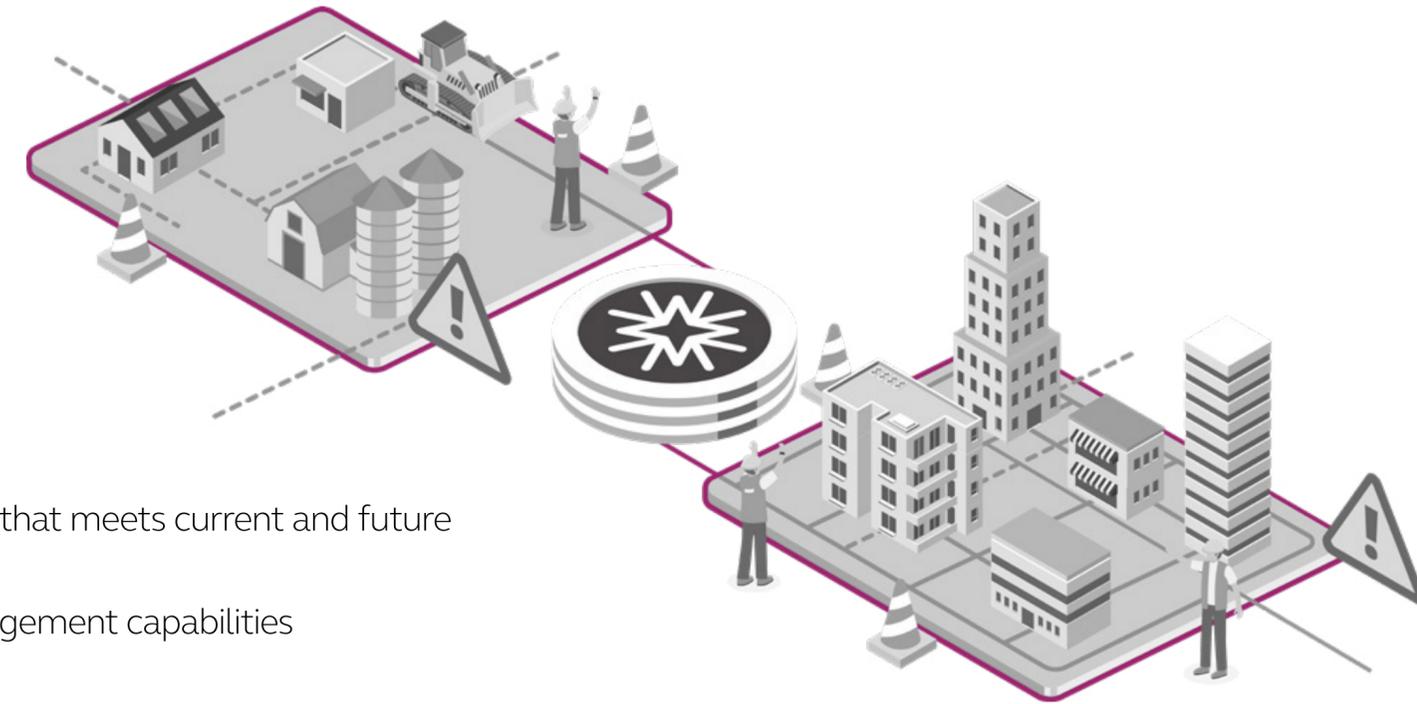
Project
Schedule

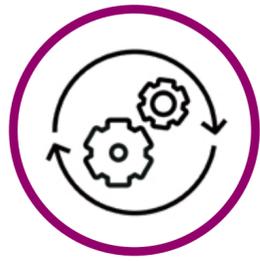
Design and Project Management

A fibre-optic network and backbone routes are planned and designed using optimal routing using sophisticated GIS data. Woven manages the entire project construction and schedule and communicates all construction information to residents within the community via an online portal so you'll know exactly when your neighbourhood or home network is being connected.

Benefits

- A broadband network design that meets current and future community needs
- Comprehensive project management capabilities





Empower

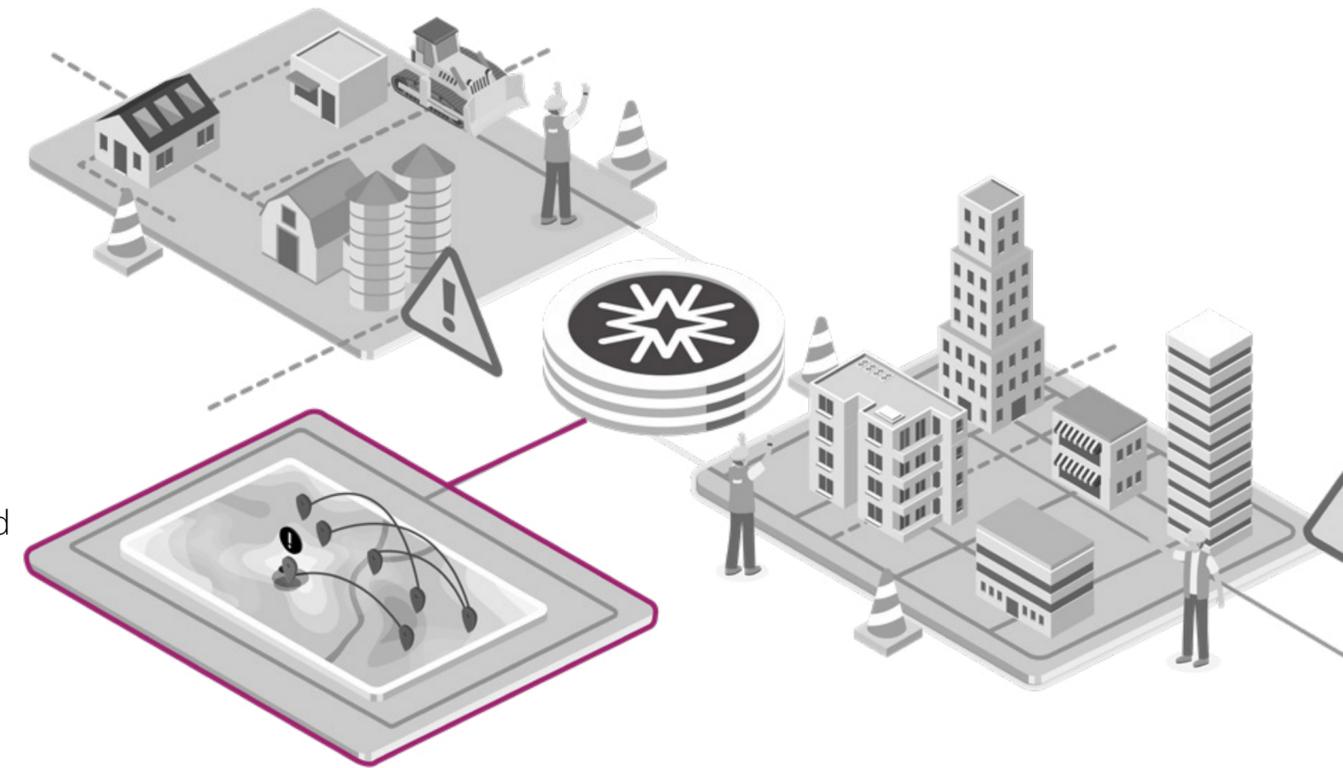
Ongoing Network Asset Management

Fiber and Network Asset Management

Woven includes a visual inventory of assets and can easily identify, locate, and repair any faults and maintain optimal performance of the network giving small and medium network owners access to powerful database tools. Centralized process and administration allow network owners to run more efficiently, and provides resources and training that would otherwise be out of reach.

Benefits

- Rely on the expertise of broadband professionals to help guide you
- Learn skills required to manage a broadband network



Exchange

Woven exchange is the customer marketplace, workflow engine, and meet-me-point for networks and service providers.





Exchange

Value Added Smart Community Services

Smart Community

Through a single fibre-optic network, the community has the added advantage to include Smart City applications such as connected healthcare, smart home security, renewable energy sensors, smart agriculture, logistics tracking and help to improve the IQ of the built environment for future applications. otherwise be out of reach.

Benefits

- Make your community attractive to future generations
- Reduce community's environmental impact
- Efficiently manage and use resources
- Respond to the needs of residents
- Reinvigorate economy



Smart Security



Wireless Healthcare



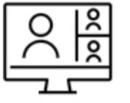
Energy Management



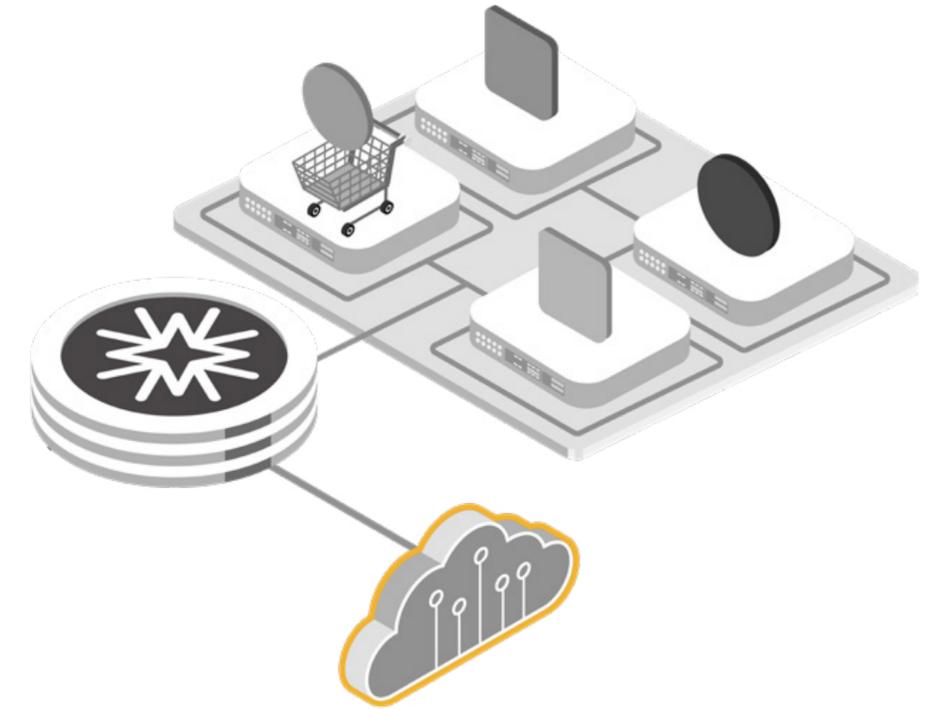
Connected Mobility



Connected Renewables



Online Education





Exchange

EXCHANGE



Open Access
Network Model

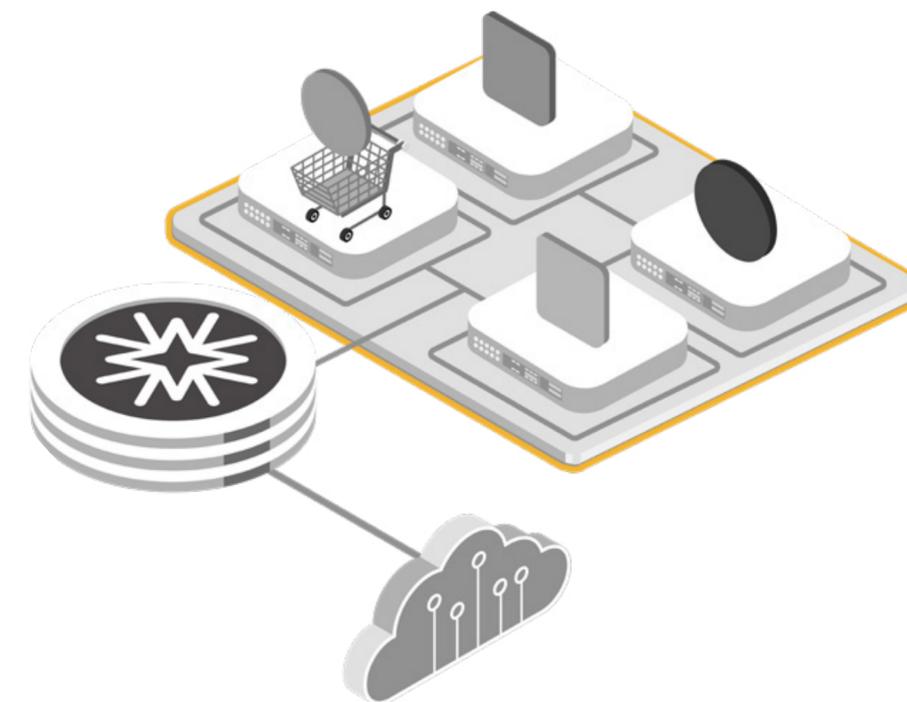
Network Management & Service Provisioning

Open Access Network Provisioning and Management

The true benefit of Woven is that it is a true open-access network and creates a competitive marketplace for Internet service providers and their services. Instead of choosing services from one provider, customers have the option of choosing from a large selection of providers which helps to lower the cost to consumers. Best of all since the network is community-owned, any and all providers are welcome to sell their services and you receive the exactly what you want for the price you're willing to pay.

Benefits

- Thousands of validations and cross checks to ensure consistency and integrity of data
- Monitor what services are provisioned where in the network
- Accelerate growth and increase return on investment
- Track daily work and necessary tasks
- Stay in control of a large investment
- Enable self service for residents





About Arcadis

Arcadis is the world's leading company delivering sustainable design, engineering, digital and consultancy solutions for natural and built assets. We are more than 36,000 architects, data analysts, designers, engineers, project planners, water management and sustainability experts, all driven by our passion for improving quality of life.

We exist to find solutions to today's most pressing challenges, from the impact of climate change to increasing urbanization and digital transformation – all with the goal of improving quality of life for people around the world. You can see this in the work we do for our clients, the opportunities we create for our people, and in our efforts to enhance the communities in which we live and work. We bring together world-class resources and the latest innovative technologies to help define the cities and experiences of tomorrow.

This has been our mission since 1888, when we were founded to transform unusable wetlands in the Netherlands into prosperous land for people to farm. And it continues today.

www.arcadis.com

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