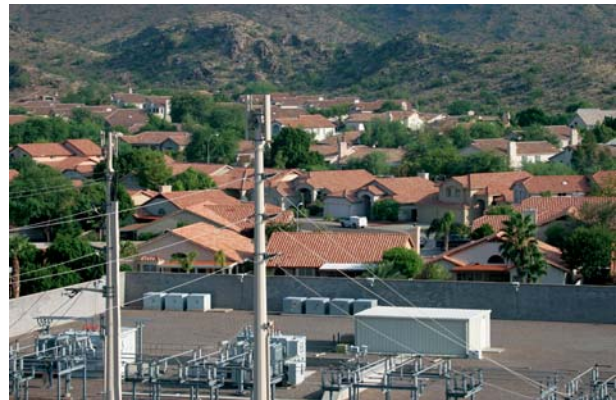


WIRELESS CELL SITE BACKHAUL SERVICES

SRP Telecom offers a variety of backhaul solutions, from a private line service on a true diverse-path Synchronous Optical Network (SONET) platform, to a customized, proprietary, dark-fiber solution that can provide the scalability necessary to meet growing capacity requirements to the cell site. When it comes to transporting fast, secure, and reliable voice and data mobile services in the vast Phoenix metropolitan market, you want to be assured that you will get the high-level service standards your organization requires. That's why more wireless providers are choosing SRP Telecom for their cell site backhaul service needs.

We understand the challenges wireless carriers face: speed to market, increasing coverage and capacity while controlling cost. These challenges are easily accommodated with SRP's private fiber network backbone, which reaches those sites that are typically beyond the reach of most carriers. SRP's network spans an expansive 2,900-square-mile service territory. Our 30-ring, 328-node SONET network supports mission-critical electric and water operations. This is an asset that wireless-carrier customers are already leveraging for their DS1 cell site backhaul requirements.



SRP Telecom offers reliable, secure and seamless transport for your "last mile" highly integrated voice and data applications. These services are offered on a limited basis, typically under a Type II arrangement with carriers, and are available as DS1 circuits.

BENEFITS

- NETWORK COVERAGE.** By virtue of our utility service area, SRP's communication network spans more than 15 metropolitan cities into those difficult-to-reach residential areas where wireless providers need coverage. More than 70% of all tier-one wireless-carrier sites are within one mile of SRP's network. Backhaul services are the critical pathway that enables carriers to meet their telecommunication needs. The SRP fiber network backbone forms a seamless and redundant platform to reach your geographically dispersed wireless sites.
- NETWORK FLEXIBILITY.** 3G, 4G, WiMAX and LTE technologies are already being deployed in many markets to meet subscriber demand for new services. SRP Telecom can provide a variety of solutions, including incremental DS1 SONET capacity to serve today's sites, or a completely customized, proprietary dark-fiber solution to serve the needs of cell site bandwidth in the future.
- NETWORK RELIABILITY.** SRP offers fully redundant, robust SONET fiber infrastructure with high reliability and true diverse-path architecture. The battle-tested, fiber network platform assures unsurpassed reliability that automatically reroutes transmission within 50 ms to keep your subscribers mobile and connected. It offers high-speed, secure, reliable and world-class connectivity.
- SCALABILITY.** As Next-Gen wireless technologies emerge, the network must be able to accommodate the highly integrated subscriber services that include streaming multimedia and Internet access. SRP's market reach and unique fiber-optic network footprint can provide a customized, proprietary and protocol-independent foundation that will provide scalability, reliability and flexibility. With more than 1,600 route miles and 68,000 strand miles of existing fiber, it's the shortest route to getting your network up.

For additional information please contact us at (602) 236-8779
or wireless@srpnet.com, or visit our Web site at www.srpnet.com/telecom.

THE SRP ADVANTAGE

SRP's Wireline Services offer several distinct competitive advantages:

- **Carrier-neutral.** Our services are not in competition with your serving markets. We help expand your network by utilizing our existing fiber infrastructure to help you achieve your backhaul requirements.
- **Timely Network Access.** A cell site that is not on the air has no value. When demand necessitates expanded coverage with new cell sites and upgraded existing capacity within specific timelines, SRP Telecom can service those needs. Since SRP dedicates one Wireless Representative to service your needs, the circuit installation can be overlapped and closely monitored with the construction of the new cell site. When the cell site is ready to go on-air, your telco is standing by.
- **Superior Performance.** Mobile handsets and laptops are driving the revolution for data-intensive applications, and the effective way to facilitate mobile connectivity is via broadband and LTE technologies. Regardless of technology, SRP's robust fiber-optic infrastructure is well-suited for mobile backhaul networks that require bandwidth-intensive applications.
- **Network Diversity.** SRP has a unique footprint. Our network was designed end-to-end with our mission-critical electrical system, making it 90% diverse from other carriers. By utilizing our network, you no longer share the same joint trench that is prone to various construction and digging accidents.
- **Network Security.** In today's market network security is a must. Data equipment and the network must be secure in order to be in accord with local and national security standards. In selecting SRP Telecom backhaul services, rest assured your equipment is colocated and protected behind the same physical wall of security that protects our mission-critical water and power grid.
- **Operational Excellence.** Our system is monitored 24/7. With high reliability, diverse paths and 50 ms recovery, you have a Quality of Service benchmark. We're using the network to control and secure telemetry from hundreds of millions of dollars of electric-transmission and distribution-system equipment that supports a \$6 billion electric business revenue stream. Only SRP field operations personnel touch our fiber, so you can rest assured you will receive the operational excellence your network requires.
- **Peace of Mind.** SRP, the third-largest public utility in the country, has been part of the community since 1903. Financially stable and one of the largest companies in the state, we're here to service your needs now and in the future. We offer security, continuity, longevity and association with one of the strongest community-trusted brands in Phoenix.

WIRELINE SOLUTIONS

15 Cities
1,600 Route Miles
68,000 Strand Miles
More than 220
On-Net and
Near-Net Buildings

SRP Telecom’s Wireline services can provide customized solutions to the unique network challenges of the expansive Phoenix metropolitan marketplace. By leasing SRP’s existing dark-fiber or wireless-site backhaul services, customers can future-proof their network with unlimited bandwidth. Utilizing SRP’s Right-of-Way (ROW), fiber and conduit enable the interconnection of scalable and reliable telecommunication and data networks, providing you with a competitive edge in your speed-to-market deployments.

SRP operates one of the largest private fiber-optic communications networks in Arizona, spanning 15 cities in our electrical service territory. These assets are available to carriers, Internet service providers and application service providers for lease, thereby enabling delivery of highly integrated subscriber services.

SRP Telecom’s Wireline business unit offers a robust suite of optical network infrastructure services ranging from custom private optical network solutions to wireless backhaul services.

MARKET REACH AND NETWORK DESIGN FLEXIBILITY

Custom Private Optical Network Services refer to those services involving physical communication connectivity, including dark-fiber network design and engineering, ROW development, permitting and easements, build and construction, maintenance and repair.

Wireless Cell Site Backhaul Services transport wireless traffic from the wireless site to the Mobile Telephone Switching Office (MTSO). SRP utilizes its extensive fiber-optic network to accomplish this task in two distinct ways:



- **Fiber to the Cell Site** – Today or in the future, SRP is well-positioned to enable the infrastructure of modern broadband 3G, 4G and LTE networks. 72% of all tier-one wireless-carrier sites are within one mile of SRP’s network. SRP can provide a private dark-fiber solution to address your growing backhaul capacity needs. With SRP Telecom’s dark-fiber solution we can craft a custom, redundant and robust dark-fiber network that connects your distributed network edge wireless sites to the core, offering you a competitive market advantage.
- **SONET Services** – Our DS1 private line service goes to SRP-built cell sites. Today carriers rely on SRP’s private SONET ring topology to provide a highly robust and redundant architecture. The entire network operates at 99.999% reliability.

THE SRP ADVANTAGE

SRP's Wireline Services offer several distinct competitive advantages:

- **The most geographically pervasive and reliable fiber network in the Phoenix metropolitan area.** SRP's network spans the company's 2,900-square-mile service territory and supports mission-critical electric and water system applications; the system maintains extremely high reliability standards.
- **Timely, certain custom-network build-outs.** Since the company generally deploys fiber on its electric transmission facilities, it uses SRP-controlled right-of-way and attachments, avoiding delays associated with securing municipal approvals or private easements.
- **Our fiber network already exists.** We have more than 68,000 strand miles of fiber. It's the shortest route to getting your network up. SRP maintains hundreds of miles of ROW and conduit that is licensed and permitted, allowing carriers to install communication facilities that provide carriers with unobstructed proximity to their clients.
- **Stability in partnering with the third-largest public utility in the country.** SRP is a local business that has been part of the community since 1903. It is financially stable and one of the largest companies in the state. SRP offers continuity, longevity and association with one of the strongest brands in Phoenix.
- **Carrier-neutral connectivity.** SRP Telecom's conduit and fiber-ready buildings are carrier-neutral. This neutrality allows customers to have their choice of service provider. Also, as a carrier's carrier, SRP Telecom's primary concerns are meeting the requirements and ensuring the success of its carrier customers. Unlike retail telecommunications service providers who may make excess capacity available to other carriers, SRP does not compete for customers with its customers.
- **Security.** SRP has unique rights-of-way. Unlike the public ROW, which allows any entity to access it, SRP's private ROW and conduit within that ROW limits access. Only SRP field operations personnel touch our network.
- **Custom pricing and flexible terms.** Each customer and project is unique. SRP has the flexibility to consider your requirements and price each project accordingly. We can provide end-to-end solutions, including backbone, laterals, customer premise entrances and terminating facilities, or we can unbundle the solution.