Accelerate Revenue with Outside Plant Design Services
Desktop Services, Field Survey, Full Design

FEATURES
• Seamlessly integrates with your existing design process
• Reduce vulnerability to staff changes
• Access to resources / skills when needed
• Quick turnaround for quick quoting
• ROI Analysis on construction projects
• Design / construction specification development
• Process improvement
• Project management of complex programs.
• Vendor-neutral solutions
• “White Glove” services

SERVICES OVERVIEW
Every day you discover new homes and businesses, new subdivisions and new office parks that want your services but are not currently served by your plant. The key to winning these new customers, profitably, is good information: What’s my Return on Investment? How do we know which customers to pursue? How do I model the return on a construction investment in under 7 years? How easy (or hard) will it be to serve this new opportunity and how much will it cost?

And, when you’ve won it, the key to getting revenue quickly is a detailed design and a plan for building it.

ARRIS has the expertise, personnel, tools and processes to help you evaluate, price and win new business and to design (and build) the network to bring new revenue online quickly and profitably!

DESIGN MARKETS
• Residential
• Multi-Family
• Commercial
• Greenfield
• Brownfield
• Upgrades
• Municipalities
• Utilities
• Data Centers

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As an extension of your operations, ARRIS receives work orders listing new sites to be evaluated for service. ARRIS’s role can be as simple as verifying that the site is in your service area or dispatching technicians to conduct a simple or detailed field survey. The work is done and results uploaded to your site – usually within three business days – allowing you to quickly offer a competitive and profitable quote to win the business.

### Desktop Services
- Address verification
- Designs using online mapping and system prints
- Bill of materials and cost estimate
- Recommended pricing based on agreed ROI parameters
- Analysis of adjacent areas for build-out economies of scale

### Field Survey
- Walkout services– outside and inside plant
- Evaluate and document: boring, right-of-way access, aerial and underground routes, building ingress, in-building routing.
- Rod and rope and stick pole measurements and enclosure audits
- Pole attachment designs
- Conduit proofing and placing pull tape
- As-built verification and documentation including placement of poles and pedestals, nodes, actives and power supplies, measurement of spans and verification of taps, passives and cable routes and underground routes
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**POST-SALE DESIGN SERVICES**

Winning new business is only part of the battle! Turning it up quickly and successfully is how you deliver an excellent customer experience and make a great first impression. And, it allows you to start generating revenue and recouping your investment as soon as possible. ARRISS has years of experience and in-depth knowledge with all major design tools, servicing operators worldwide. We get to know your unique design and drafting requirements and deliver design files, ready for construction.

**Design Services**
- Walkout services
- Digitize survey data
- Plant design or redesign to support new services
- Validate downstream devices and powering
- Detailed bill of materials with costs
- Construction package with detailed build notes

**Fiber Matrix**

**CONSTRUCTION SERVICES**

ARRIS can also manage the construction process including beginning-to-end program management, staffing, materials management and logistics and day-to-day installation operations.

**CUSTOMER CARE**

Contact your ARRIS Account Manager for product information and/or email ARRISDesignServices@arris.com

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**Bill of Materials**

Wireless / OSP Design Tools Supported

- **Spatial**
- **SpatialNET**
- **Map Info**
- **AutoCAD**
- **IBWave**
- **Atoll**

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