

FTTx Deployment Services

ARRIS Global Services

SERVICE BENEFITS:

ARRIS Offers Service Providers:

- Customized design, installation, and EMS configuration services
- Trusted advisors equipped to optimize FTTx network performance
- Proven methodology and track record as a valued partner to service providers worldwide
- Expert knowledge in deploying and implementing broadband and video technologies
- Accelerated implementation cycles and reduced cost of deployment



SERVICE OVERVIEW:

A trusted partner with proven in-field Fiber-to-the-x (Home, Curb, Node, Desk, etc.) expertise, ARRIS offers operators a low-risk path to successful deployment of all-fiber access networks. Having deployed FTTx solutions in leading service provider networks worldwide, ARRIS FTTx Deployment Services can help accelerate implementation cycles, lower overall deployment costs and optimize your high-performance Ultra-Broadband service delivery environment.

After a comprehensive assessment of operational process and central/remote office sites, ARRIS FTTx Deployment Services provides a customized implementation plan, designed specifically to meet the service provider's business requirements. Managed by highly skilled project management professionals, all phases of the project including system and network design, installation, and system test and turn up of the AXS2200 and AXSVision Element Management System (EMS), will be mapped to your objectives and closely coordinated with your local teams.

With ARRIS FTTx Deployment services, operators can rely on the knowledge and expertise from a trusted leader in the design and deployment of advanced FTTx networks.

Services Deliverables

Project Management

ARRIS will provide a highly skilled Project Manager to plan, coordinate, and manage deployment activities during all phases of the project.

- Development and execution of project plan — Track all milestones, tasks and dependencies for the project.
- Procurement and inventory management — Coordinate the detailed design and procurement processes and track the procurement and delivery of materials.
- Risk management — Identify and analyze risks associated with project, suggest mitigation plans, and manage escalation as necessary.
- Change management — Initiate change control on modifications to the design, BOM, schedule, scope, budget, and deliverables of project.

Site Survey

Pre-deployment survey of central/regional offices to collect data about areas, rack space, power, cabling, ventilation, and other elements that may impact deployment of OLT equipment. Conduct inventory of delivered equipment and material.

Detail Designs

If requested by the customer, ARRIS will provide two sets of detail designs. The initial set of detail designs will be based on the information, included within the Site Survey document, of the new equipment to be installed and deployed. Once the GPON OLT has been installed and deployed, a set of as-built detail designs will be provided to the customer, including:

- Elevation drawings of racks/cabinets
- Wiring diagrams/schematics
- Wirelist
- AC/DC power calculations
- HVAC calculations
- IP/Port assignments
- Design Bill of Material

Installation

On-site installation of racks, OLT chassis, cards, fiber jumpers, cabling, and fiber panels. Some on-site installation may involve 3rd party sub-contractors.

Configuration and Turn-up

Configuration and commissioning of OLT unit and EMS. It is assumed that one EMS system is required per GPON network.

Acceptance testing

Perform system testing in conjunction with the test plan. Involves customer participation for final acceptance.

Detailed selections and scope of services will be defined by a Scope of Work (SOW) document for a specific deployment.

Assumptions and Prerequisites

This list of assumptions and pre-requisites is not intended to be exhaustive. Prior to the commencement of Services and thereafter, ARRIS will inform the Customer of any additional Customer responsibilities necessary for the performance of the Services.

Assumptions

- ARRIS and the customer will provide a single point of contact for the project.
- ARRIS will provide services only for the work described above. Other issues should be handled through normal escalation methods.
- This service is for the installation of OLT(s) and does not include the installation of any ONTs.

Prerequisites

The Customer will:

- Ensure site readiness based on recommendations from ARRIS, including adequate power/electrical, adequate HVAC, an asbestos-free environment, adequate space for ARRIS field engineers to set up laptops, Internet connection, and access to at least one telephone.
- Provide all Racking and Fiber raceways to facilitate new FO jumper and other cable placements. If these are required, then additional charges will be forthcoming.
- Provide the desired Fiber Distribution Panel and DSX panel.
- Provide DC power and required grounding to OLT equipment relay rack location(s).
- Provide and identify alarm and timing sources.
- Provide site access to work locations at a minimum of ten (10) hours per day at five (5) days per week (Monday thru Fridays).
- Provide on-site storage facilities for the ARRIS equipment and materials that will be shipped to the location.
- Provide adequate floor space and working space for each OLT equipment location.

FTTx OLT Deployment Service

To order these services, contact your sales representative.

ORDERING INFORMATION

Part Number	Description
566813-001-00	FTTx OLT Deployment Service Expenses

IMPORTANT NOTICE: THIS DATA SHEET IS FOR INFORMATION PURPOSES ONLY AND REMAINS SUBJECT TO CHANGE BY ARRIS UNLESS AND UNTIL A FIRM ORDER FOR SERVICES IS ACKNOWLEDGED AND ACCEPTED BY ARRIS SUBJECT TO ARRIS STANDARD TERMS AND CONDITIONS WHICH WOULD FORM THE BASIS OF AGREEMENT BETWEEN THE PARTIES.

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