

Edge Densification Services

ARRIS Global Services

SERVICE BENEFITS:

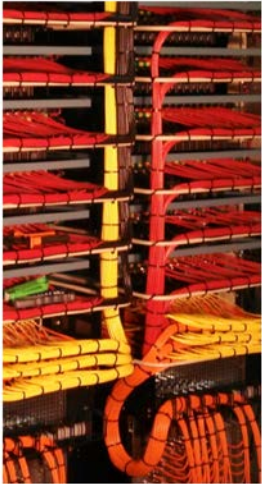
- Real estate investment avoided
- Lengthy design, permit and build process avoided
- Existing equipment reused as much as possible
- Power and cooling capacity regained
- Future growth capacity in existing space
- Vastly improved serviceability
- Reduced OPEX vs. opening a second facility



SERVICE OVERVIEW:

The ARRIS Global Services Edge Densification Service helps cable operators redesign existing headends and hubs in order to save space, reduce power and cooling requirements and increase service capacity. The resulting design extends the life of existing facilities eliminating the need for investment in new real estate, reducing operating costs and bringing additional capacity to market faster. ARRIS Global Services engineering and design experts draw on the latest high density products, off-site PODs (Planned and designed. Offsite built. Delivered and integrated.), and a very disciplined, phased approach to deliver a turnkey solution that can save operators millions of dollars in capital and operating expense.

The costs of real estate, energy and additional personnel required to expand a cable operator's network add up quickly. And the regulatory burden of permitting new facilities can add months or years to a projects timeline. But in many cases existing facilities are reaching critical situations where their sites just can't continue to expand. Any solution must mitigate the impact to the customer experience for current subscribers.



The ARRIS Edge Densification Service takes advantage of the greatly improved density that ARRIS, OEM, and 3rd Party products now offer (e.g. the E6000 Converged Edge Router, the APEX 3000, and new RF management solutions). By employing off-site rack build-out, the impact on current operations is minimized. The service re-uses existing components as much as possible and redeploys, recycles or remarkets unneeded ones. The disciplined approach of a staff of PMP-certified project managers means we get the details, and the timing and the budget, right.

Phased Approach

- Edge Densification Consulting Service**
- Recommendation
 - High-level Design
 - Bill of Materials
 - Site Requirements
 - Phasing
- Go/No Go
- POD Engineering Design Package
- Off-site Build
- Deliver and Integrate
- Commission, Configure and Test
- Migration
- Reclamation
- Final as-builts

**The price of the Edge Densification Consulting Service will be credited towards the price of full implementation if the operator chooses ARRIS Global Services for implementation.

Edge Densification Services

To order these services, contact your sales representative.

ORDERING INFORMATION

Part Number	Description
783993	Edge Densification Consulting Service – Small Hub (< 50 nodes)
783994	Edge Densification Consulting Service – Large Hub (> 50 nodes) or Headend

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Features

- Decades of experience working in and designing HFC networks
- World class engineering team
- PMP certified project managers
- Phased implementation approach
- Regional off-site rack build locations
- Redeployment, recycling and remarketing of components

What is a POD?

- P= Planned and designed
- O=Offsite built
- D=Delivered and integrated
- Typically consists of one or more racks with:
 - Converged Edge Router
 - High Density or DWDM Optronics
 - Transmitters/Receivers
 - Dense Edge QAM
 - Forward and Return Sweep + Monitoring
 - Mini Coax and Mini RF Management