Data Sheet

Rack and Cabinet Integration Services

End-to-end multivendor solutions for complex deployment projects

Fujitsu Rack and Cabinet Integration (RCI) Services go beyond typical ‘rack and stack’ by putting our communications network supply chain expertise and capabilities at your service. Choose Fujitsu RCI for inside- and outside-plant deployment projects and we’ll work with you to improve quality, reduce costs, and shorten your cash conversion cycle—freeing up cash for other business needs.

**Turnkey, End-to-End Deployment Support**

These services provide much more than rack-and-cabinet solution design. Fujitsu RCI also includes supply chain and project management capabilities that will ensure your project runs smoothly from start to finish: on-schedule and within budget. We can manage your supplier relationships and inventory, stage and warehouse the equipment, prepare the ancillary materials, and ship to your site for deployment. We also provide multivendor pre-configuration and provisioning of all network elements and components, in addition to system testing for the as-built systems.

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**RCI Targets Deployment Resource and Execution Challenges**

Network deployment projects can present serious challenges that put service rollout goals at risk. The Fujitsu RCI team can help you tackle these challenges throughout the entire deployment project cycle:

- Lack of design resources and expertise
- Heavy project management demands
- Qualifying multiple OEM and ancillary equipment suppliers
- Ongoing supplier relationship management
- Scheduling and coordinating compliance testing
- Ensuring punctual, dependable deliveries to installation sites
- Coordinating field services suppliers to perform the installation
- Delays due to missing equipment
- High cost of installation, integration, and provisioning components at the deployment site
- Inconsistent or poor build quality

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**Fujitsu Goes Beyond the Typical Rack and Stack Solution**

The typical rack and stack solution is usually confined to assembly and basic testing based on your equipment selection. This type of approach leaves you with significant workload in the areas of design, delivery, compliance testing, logistics, supply chain, and project management. A Fujitsu RCI solution incorporates everything you expect from a rack and stack vendor, but we go a step further with a comprehensive solution, customizable supply chain and project management offering.

**One Trusted Vendor to Manage**

By adding supply chain and project management, Fujitsu RCI increases the quality of both execution and outcome. Our solutions can simplify your project, reduce operating expenses and help you generate revenue sooner. We qualify and manage your suppliers, procure the OEM and ancillary equipment, and ensure you take delivery of supplies and resources at your deployment sites, on time.

With Fujitsu RCI, your overall administrative workload is also reduced—because you only have one vendor to manage. Fujitsu issues purchase orders, keeps track of receipts, and resolves any discrepancies that arise. In addition, your project schedules benefit from the world-class Fujitsu supply chain operation, with its track record of commitment to on-time delivery. Your Fujitsu supply chain team efficiently organizes and manages project inventory and warehousing while ensuring optimal supply levels and punctual, dependable delivery to installation sites. The Fujitsu team also delivers accurate asset information via our customizable Web portal and puts key performance information at your fingertips with regular, comprehensive reports.
Pre-Designed and Custom Configurations Available

The Fujitsu range of rack and cabinet configurations provides offerings that suit most applications. Custom configurations are also available.

Outside Plant Cabinet
Ideal for Fiber To The "x" (FTTx) and backhaul applications, these units are environmentally sealed and temperature-controlled. Cabinets are delivered fully configured, integrated and system-tested as well as pre-provisioned for specific sites. This cabinet may be mounted on pads, walls or poles.

Central-Office Rack
This configuration provides consistent builds for central office applications. Use our vendor-agnostic design, or we can provide a custom design and build to print.

Outdoor Wall-Mount Cabinet
This cabinet is excellent for FTTx and backhaul applications. Environmentally sealed and temperature-controlled units may be mounted on pads, walls or poles. This configuration features a swivel rack that allows for easy rear access. Units are delivered fully configured, integrated and system-tested.

Indoor Wall-Mount Cabinet
This unit is ideal for customer premises deployment. The Indoor Wall-Mount Cabinet features service aggregation and secure access and comes with a pre-configured upgrade kit. An optional battery cabinet and batteries are also available.

Access Node Cabinet
This cabinet is custom-designed for specific applications involving small spaces, such as a subway station video cabinet. It is ideal for limited-space sites in public places, either indoors or outdoors. The cabinet is environmentally sealed with secure access and features flexible mounting options to suit a wide range of sites and conditions.
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High-Quality Deployment, Reduced Cost and Workload

Configure-To-Order (CTO) Option
With this option, Fujitsu configures and integrates multivendor network element components, such as Small Form-Factor Pluggables (SFPs) and similar plug-in modules, as well as cards and shelves used for power, signaling and optical connections, into your standard or customized racks and cabinets. Configuration and integration is performed in our controlled factory environment. All network elements are labeled to your specifications and the configuration is documented using revision control to accurately capture changes as they are made. Our manufacturing processes are streamlined with standardized assembly and kitting. The CTO option gets you to market faster and eliminates errors and inconsistencies that may result when using multiple installation contractors, making quality more reliable and requiring fewer reworks.

Additionally, Fujitsu provisions the integrated systems so that equipment is consistently configured to your specifications. The as-built systems are then tested to ensure they are working as designed prior to being delivered directly to the installation sites. Fujitsu preconfigured racks and cabinets cut installation labor and materials and engineering costs. Depending on the configuration, you may realize cost savings of up to 45% when compared to on-site rack builds.

Package for Deployment Option
The Package for Deployment option uses Fujitsu warehouse and staging capabilities to improve deployment quality. We stage and store pre-configured racks and cabinets in our warehouse until your sites are ready for deployment. Units are then shipped directly to the site together with all materials needed for installation. The Package for Deployment option reduces delays and keeps your schedules much more predictable.

Why Fujitsu?
- Fujitsu is a supply chain leader
- Millions of inventory units received and shipped every year
- 99.995% inventory accuracy level
- 97% on-time delivery
- Effective supplier relationships with leading network equipment vendors
- Approximately 200 vendors and distributors in our supply chain
- State-of-the-art manufacturing facilities that drive repeatable processes and maximum efficiency
- Proven methods and factory controls for integrating multivendor equipment into working systems
- Highly skilled, industry-certified technicians

Simplify and Speed Deployment with our Kitting and Staging Services
The Fujitsu RCI team provides comprehensive kitting and staging for ancillary materials. RCI kitting services can provide bundles for all miscellaneous (but necessary) items needed for deployment. This service covers anything from entire Fujitsu FLASHWAVE® shelves, fiber jumpers, cable support brackets, fuse and circuit breaker panels, fiber distribution panels, and even simple mounting screws.

We also address your critical power needs with AC to DC kits, rectifier kits ranging from 10 to 400 A, and power delivery features such as redundancy, LAN controllers and battery backup. Kit ordering is simplified by applying a single part number to each kit.

Fujitsu Network Communications, Inc.
2801 Telecom Parkway, Richardson, TX 75082
Tel: 888.362.7763
us.fujitsu.com/telecom

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Configuration requirements for certain uses are described in the product documentation. Features and specifications subject to change without notice.