



TE Professional Services for MSOs



Capabilities

TE Professional Services provides engineering and installation services from the Headend to the Hub. Our range of EF&I services supports network upgrades and network augmentation. We offer scale to meet your project deadlines, whether you're launching a new service in a market or managing capacity, with carrier-class installation care. Our team is versed in your standards and experienced with OEM equipment throughout your network: transmitters (downstream), receivers (upstream), QAMs, CMTS', routers, optical gear, splitters and combiners, and more.

TE staff are ready to support multiple MSO technologies in the headend, APOP/data center and power rooms, as well as in the MSC, MTSO and cell site for MSO backhaul support to the wireless service provider. We look forward to helping you achieve your network performance goals.

EF&I services

EQUIPMENT AND INFRASTRUCTURE INSTALLATIONS, COMMISSIONING AND CUTOVER FOR

- DSX-1, DSX-3, Ethernet and fiber frames
- IP/Data equipment
- Transport equipment
- Primary power: plant and battery
 - Power boards
 - Batteries
 - BDFB and BDCBB
 - Rectifiers, inverters and converters
 - Infrastructure
 - Programming the controller
 - Battery maintenance
- Secondary power: fuse panels and cabling
- Router and server installation
- Rack and stack/preconfigured solutions
- Cable management systems/unistrut
- Cable trough/fiber trough
- Decommission and removals, including cable mining

INFRASTRUCTURE TEST AND UPGRADES

- Grounding system
- Circuit validation
- Fiber work order management services

ASSET AND MATERIAL MANAGEMENT SERVICES

- Inventory and site audits
- On-site inventory management
- Material sourcing, staging, warehousing
- Database management (Granite, etc.)



Backhaul Services for the Wireless Service Provider

As a tier 1 provider, we have extensive experience working with the wireless service providers and their networks. We have supported Ethernet backhaul initiatives for more than 2000 4G LTE cell sites.

OUR EF&I EXPERIENCE HAS INCLUDED

- TE VAM, DSX-1, Ethernet, FiberGuide and fuse panel installs
- ALU 7705 SAR and Cisco ASR 1002 installs
- Fuse panel and Circuit Breaker Installs in DC Power Plant
- Rack installs
- Outdoor cabinet installs
- Installation of conduit for fiber and power
- Primary Power/BBU in outdoor cabinets
- ALU 7705 SAR Provisioning and Test/Turn-up
- Removals

BACKHAUL SERVICES

- Bay, outdoor cabinet, shelf, and circuit pack installations
- Installation of conduit for fiber and power
- Installation of fiber, DS1, DS3, and Ethernet cabling
- Remote power systems and battery back-up
- Test and turn-up
- Cut-over of existing circuits

IMPORTANT DECISION. POWERFUL ADVANTAGE.

Choosing the right service partner can affect the overall success of any network initiative as well as the overall business agility of the entire organization. To find out more about how TE Professional Services can provide a strategic advantage to your organization, please call your TE representative, visit us at www.adc.com/professionalservices or contact us at:

TE Connectivity
P.O. Box 1101
Minneapolis, MN 55440-1101
Tel: 1-800-366-3891 option 3



Contact us:

P.O. Box 1101
Minneapolis, Minnesota
USA 55440-1101
Tel: 1-800-366-3891
Tel: 1-952-938-8080
Fax: 1-952-917-3237

www.te.com/adc
www.adc.com/wireless

TE Connectivity, TE connectivity (logo), Tyco Electronics, and TE (logo) are trademarks of the TE Connectivity Ltd. family of companies and its licensors.

While TE Connectivity has made every reasonable effort to ensure the accuracy of the information in this document, TE Connectivity does not guarantee that it is error-free, nor does TE Connectivity make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE Connectivity reserves the right to make any adjustments to the information contained herein at any time without notice. TE Connectivity expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE Connectivity for the latest dimensions and design specifications.

Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

110116AE 8/11 Original © 2011