Engineering Services

Equipment Engineering

- Basic Equipment Engineering
- Frame Engineering
- Grounding Upgrades
- Hot Slide
- Rapid Material Deployment
- Site Engineering

Design Engineering

- Collocation Planning
- Floor Space Planning
- Network Design Order
- Network Protection
- MDF Planning
- Power Design Order
- Service Recovery Alternatives
- TEO Prep

Field Engineering

- Engineering Consultation
- Frame Survey
- Frame Reservation
- Grounding Survey
- On-Site Damage Assessment
- Power Verification
- Site Survey

Records

- Discrepancy Reporting/Correction
- Site Records

Installation Services

Staging

Equipment Installation

- Basic Equipment Installation
- Disaster Recovery/Service Restoration Trailers
- Equipment Removal
- Equipment Testing
- Installation Supervision
- Installation Technical Support
- Site Preparation
- Site Supplemental Installation

Test & Turn-Up

Engineering & Installation

To learn more about our comprehensive portfolio of Engineering & Installation Services, please contact your Lucent Technologies Sales Representative or visit our web site at www.lucent.com.



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Lucent Worldwide Services
Engineering & Installation

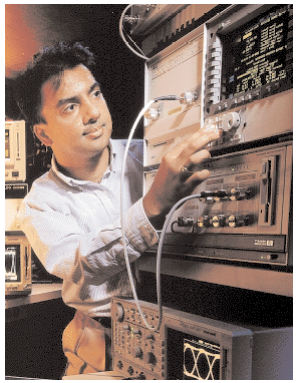
Leverage network investments, reduce expenses and deploy new technologies quickly and efficiently with superior execution and expert implementation of your network equipment.

Lucent Technologies
Bell Labs Innovations

Overview

Engineering & Installation Services provide the technical expertise and resources you need to engineer and install your network equipment proficiently and professionally. Our engineers analyze, identify and document your detailed hardware and software specifications. To provide the most cost-effective solution, we help determine an optimal configuration for maximizing traffic capacity, trunking, routing and charging for your multivendor equipment.

We also assess and collect information about your on-site structural and equipment conditions and develop a plan to help ensure that your system hardware is installed correctly. Once your equipment and job are engineered, we install and test your network equipment helping to ensure that it is functioning as engineered and specified. To further support the placement of your main network equipment, our installation technicians can install any site material, such as overhead framework, cable racking and more.



Our unique delivery capability is unmatched in the industry with a vast amount of multivendor, multitechnology experience and a pool of skilled resources including installation technicians that average over 16 years experience.

Our engineers use their experience and expertise to plan, design, implement and manage projects of any size around the world.



Benefits

- Enable you to focus on generating revenue from your network, not on deploying it, as our engineers use their experience and expertise to plan, design, implement and manage projects of any size around the world
- Rapidly build/expand your network by turning products into working systems with the capability to deploy projects in multiple markets/regions and in parallel
- Reduce the complexity of deploying your network equipment with our single vendor solution of extremely knowledgeable and fully equipped engineering and installation experts
- Reduce your capital expenses by identifying and developing the most cost-effective network configuration and use of office space
- Minimize risk by relying on our ISO-certified processes, proven disaster recovery capabilities, vast support structure and commitment to a long-term strategic partnership

Features

- Expertise and capability to deploy multitechnology, multivendor wireline and mobility networks
- High quality ISO-certified processes and procedures
- Large, global work force of more than 3,000 engineers and installation technicians and a complete network of strategic partners
- Robust support structure of proven methods and procedures, mechanized tools, professional training, 24x7 technical support and access to Bell Labs

Your total E&I Solution featuring over 100 years of Services Excellence in Telecommunications

- Data
- Power
- Site Material
- Switching
- Transport/Optical Networking
- Wireless

For all Lucent and many multivendor products

Lucent Worldwide Services Advantage

Lucent Worldwide Services has more than 12,000 experienced and highly skilled technical professionals dedicated to developing, deploying, operating and maintaining global networks. Our proven track record of successful networks is powered by Bell Labs innovations and our end-to-end, comprehensive portfolio of professional, deployment, maintenance and managed services. Our unsurpassed suite of solutions can help reduce operating expense, leverage capital expense and grow revenue - helping you make your network more profitable throughout its lifecycle.

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