

# Microwave Backhaul

## ABOUT WIDELITY

Widality is a professional services and business consulting company that provides a full spectrum of services to its clients.

## OUR COMMITMENT

Our customers come first, as we are focused on delivering value and quality service to our customers in the design and deployment of technologies that meet the needs and requirements of today's changing business environment. We pride ourselves in designing solutions that not only support today's demands, but that also accommodate future demands as our customers grow their business.

## Program Management, Engineering, Design, Logistics, Licensing, Construction



- Widality provides comprehensive microwave path design and project management and construction services.
- We provide leadership for major market deployments, directing Microwave Engineering, Construction, Licensing, and Site Acquisition for design for large challenging backhaul networks.
- Widality has a full range of capabilities for microwave backhaul design. We provide project based services from initial design, RF Engineering and planning to implementation, licensing, compliance, customer support and NOC services.

Microwave Backhaul plays an ever increasing role in wireless infrastructure. Demand for backhaul capacity continues to rise as consumers expect ubiquitous availability of video and data services for wireless devices.

The expansion of wireless device capabilities is causing an explosion of data and traffic demand for mobile device networks. Microwave backhaul can meet the capacity requirements for LTE and LTE-advanced networks.

Wireless backhaul network design, deployment, and operations require a unique set of skills and expertise that Widality can provide to network service providers. Our skilled staff provides a complete range of RF, technical and operational services to make networks successful.



NETWORK DESIGN

SERVICE MANAGEMENT AND OPERATIONS

BUSINESS CONSULTING



4031 University Drive, Fairfax, VA 22030  
703-934-2038  
WWW.WIDELITY.COM

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## WIDELITY OVERVIEW

Widely proudly serves clients in the following industries:

Telecommunications  
Wireless  
Infrastructure  
Operations  
HealthCare  
Energy  
Information Technology  
Aerospace  
Federal Government

## GSA MOBIS SCHEDULE

GS-10F-0283X  
SIN 874-1: Consulting Services  
SIN 874-4: Training Services  
SIN 874-7: Project Management Services

## SCHEDULE 70

GS-35F-243AA  
SIN 132-53: Cellular and Other  
Wireless Telecommunications

## SERVICES & SOLUTIONS

Project & Program Management  
Design & Engineering Services  
Deployment & Integration Services  
IT Consulting Services  
Logistics Services  
Due Diligence  
Finance Management  
Business Development Services  
In-Building Wireless Services  
Wireless Services  
Managed Services  
Sourcing Solutions  
Government Services  
Cloud Migration

## CONSULTING

- Desktop design and analysis
- Service delivery design and definition
- Project engineering
- Project management
- Equipment specifications
- Operations process development, implementation, & optimization
- Business analysis
- Service operations development
- Billing & revenue assurance
- Order fulfillment
- Service delivery
- Customer care & NOC

Our hands-on teams of engineering, management and construction professionals can provide a complete suite of project engineering, management for major market directing Microwave Engineering, Construction, and Site Acquisition for design and deployment of microwave paths.

Telecommunications organizations around the world are changing quickly. Business models are evolving; demand for bandwidth from mobile and wireless devices is exploding. Microwave backhaul is a proven technology ideally suited to meet the ever increasing demands for data and video services in wireless networks.

Companies seeking to augment their core infrastructure need an experienced, reliable, team that can successfully specify, design, build, and manage backhaul networks to meet the most demanding needs of tomorrow's networks.

Our process addresses the unique design and RF requirements of every deployment and the risks, and complexities of each microwave path.

## SERVICES

- Site acquisition
- Design
- Construction
- Project management
- Licensing & FCC compliance
- Bill of Materials
- Desktop path evaluation
- Line-of-sight survey
- SME and POC
- Spectrum planning



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