



# SEG - Delivering Integrated Custom Services and Products for Broadcast, Network & Satellite Markets



SEG, a Division of WESCO Distribution, Inc., is the leading value added distribution and supply chain solutions provider with expertise in video and communication solutions. Serving a diverse customer portfolio in the broadcast, satellite, radio, government, and education end market segments, we provide proven leading-edge video solutions. We are committed to finding new ways to help our customers improve the efficiencies of their video and network investments while providing the services end-users are demanding.

SEG also provides design and engineering for the integration, installation, and maintenance of satellite and digital TV headend networks including headend and system pre-fabrication, satellite antenna farm installation, network deployment, IP Video systems, L-band transport, and in-house video distribution.

SEG has a network of over 550 sub-contractors strategically located throughout North America, the Caribbean Islands, and Mexico for large scale communication rollouts, upgrades, and maintenance services. SEG's experience, expertise, and equipment offerings have made us an integral component among major systems operators' headend networks, entertainment, and multimedia content delivery companies throughout the United States, Latin America, and around the globe. Our SEG-Connect equipment deployment service makes getting equipment out to affiliates smooth and easy. With our in-house video solutions lab we can test, do pre-setup, and ship to meet any projects specific requirements and technical support needs.

Our central location in the Kansas City area and warehouses throughout the United States makes fulfilling your equipment orders fast and economical.

# Products for Broadcast, Network & Satellite Markets

## Video Solutions & Services

- System Design for Digital Headend & Broadcast Systems
- Antenna Farm Installation & Products
- Maintenance/Troubleshooting
- Technical Support
- L-Band Fiber Transport
- Solutions Architecture Design & Validation
- Field/Deployment Engineering Services
- Remote Engineering/Support/Training
- Rack, Stack, Wiring – RSW Services
- Conditional Access Systems
- Emergency Alert Systems
- Satellite Transponder Brokerage
- Satellite Dishes/Antennas
- Switches, Routers, Repeaters, Amplifiers
- Mosaic/Video Walls
- IPTV Middleware
- VOD/nDVR
- OTT/Time Shift TV
- TV Everywhere (Multi-Screen, Multi-Device)
- Converged TV (Caller ID, User Media Play)
- Monitoring
- Playback
- Receivers
- Encoders/Transcoders
- Network Optimization
- Uninterrupted Power Supply - UPS
- Cable, Connectors, Fiber, ONTs
- CPE Gateways, Set-Top Boxes, and More

## Previous SEG Installations

SEG provides products and custom installation services for a wide variety of satellite deployments and digital TV headend networks, including IPTV, Contribution and L-Band Fiber Transport.



Ground Mounted Antenna Farm



3.7M Receive Only Antenna



Microwave Antenna Installation

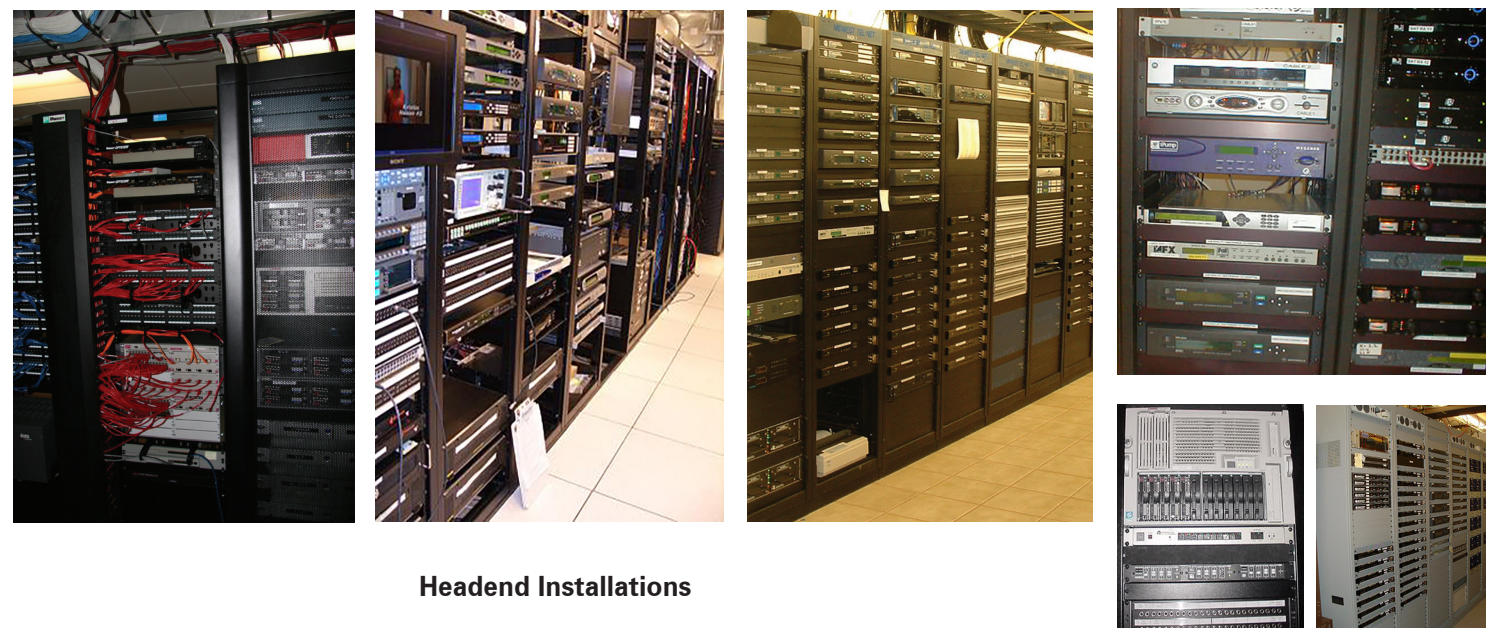


5.0M Simulsat Antenna



3.8M Antenna with Full De-Icing System Installed

Call today to schedule your tour in our live video solutions lab!



Headend Installations

SEG - Your Broadcast and Network Solutions Partner

Visit [www.sateng.com](http://www.sateng.com) for 24/7 online ordering!

SEG has long-standing relationships with the premier manufacturers in Satellite and Broadcast products. Backed by our knowledgeable and highly trained sales staff, we can ensure that you have the right products for both your day-to-day maintenance and your long-term projects.

## Technology Partners

2WCom .....	Digital Audio Distribution/Contribution System, Receivers
Adtec.....	Contribution & Distribution Encoders/Decoders
Advantech Wireless .....	SSPA's, Point to Point Wireless, Microwave Components
Anacom.....	Low to Medium Power SSPA/BUCs
Applied Instruments.....	Spectrum Analyzers & Signal Meters
ARA/Seavey Engineering.....	Satellite Antenna Feed Systems
ARRIS.....	Digital Decoders/Encoders, Headend Equipment, Edge QAM
AVL Technology .....	Auto Acquire Satellite Antennas
ASC Signal .....	Satellite Antennas & Earth Stations
Baird Industries.....	Satellite Antenna Support Systems
Belden/PPC/Grass Valley .....	Coaxial Cable, Connectors, Broadcast
Blonder Tongue/R.L. Drake .....	Headend & Distribution Equipment
C-Com Satellite Systems .....	Auto Acquire Satellite Antennas
Chaparral.....	Satellite Antenna Feeds
Cisco .....	Network Equipment
Citel .....	Lightning Surge Protectors
Clearsat .....	Satellite Antenna Covers
CommScope.....	Cable & Connectivity Solutions
Comtech EF Data.....	Satellite Modems, Modulators, Transceivers, Converters
Corning .....	Fiber Optics, GOLD PARTNER
Cross Technology.....	Frequency Converters
DH Satellite .....	Satellite Antenna Systems
Ericsson .....	IP Video Streaming, OTT, ABR Encoding Systems
Evertz .....	Digital Broadcast Products
GD Satcom Technologies.....	Satellite Antenna Systems, Fly Away & Truck Mounted
Gepco/General Cable .....	Broadcast & Professional Audio Video Cable & Wire
Haivision .....	IP Video Streaming, OTT, ABR Encoding Systems
Harmonic, Inc. ....	Playout & Storage, IP Video Streaming, OTT, ABR Encoding
Holland Electronics.....	Connectivity and Broadband Distribution
Kathrein.....	Spectrum Analyzers, Signal Meters, Broadcast Antennas
Microwave Filter .....	Satellite Interference Filters
Monroe Electronics .....	EAS Solutions
Newtec .....	Modulators, Converters, Modems
Norsat International.....	LNBS, Transmitters, BUCs, Fly Away Kits
Olson Technology.....	Fiber Optics L-Band, RF Fiber Transmitters/Receivers
PanelCrafters.....	Custom Panels & Face Plates, Logo'd Blank Panels
Paradise Teledyne.....	Modems, Modulators, SSPA's/BUCs
Pico Digital.....	DVB Satellite Receivers
Quintech .....	L-Band Splitters/Distribution, RF Matrix Routers
Radiant Communications.....	Fiber Optics & IP Media Products
Research Concepts.....	Satellite Antenna Control Devices
RTI De-Ice Systems .....	Satellite De-Ice Systems
SHS De-Ice Systems.....	Satellite De-Ice Systems
Skyware Global .....	Satellite Antenna Systems
Superior Satellite & Engineering.....	Multi-Beam Feedhorn Assemblies
Thermobond.....	Outdoor Climate Controlled Cabinets & Buildings
Thomas & Betts.....	Specialty Connectors
UHP Networks .....	VSAT Modems, Data, Voice & IP Networks
Venture Mfg. Company .....	Satellite Antenna Actuator Arms
Vialite .....	Fiber Optic Solutions Satellite, TV Broadcast, In-Building GPS
Wade Antenna Products .....	CATV Grade Off-Air Antenna Products
Walton De-Ice .....	Snow Covers, De-Ice Systems, Ice Quake Systems
White Sands Engineering.....	Precision Custom Cable Assemblies
Wirewerks.....	Fiber Optic Jumpers, SFPs, Patch Panels



ERICSSON



AUTHORIZED RESELLER



ARRIS



Norsat International Inc.

GENERAL DYNAMICS



Conduit Maximization Solutions



BLONDER TONGUE LABORATORIES, INC.



The Source for RF Reliability



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**SEG - Your Broadcast and Network Solutions Partner**