



Technology Design Capabilities

	Vertical Markets							
	K-12	Higher Education	Correctional	Health Care	Military	Transportation	Emergency Ops Center	Commercial
Telecommunications System Design								
Structured Cabling Design for Voice, Data & CATV Systems	X	X	X	X	X	X	X	X
Outside Plant Fiber and Copper Cabling	X	X	X	X	X	X	X	X
Overhead Paging and Public Address Systems	X	X	X	X	X	X	X	X
Background Music Systems		X		X	X	X		X
Wireless	X	X	X	X	X	X	X	X
802.11x	X	X	X	X	X	X	X	X
Wireless Access Point Site Survey and Layout	X	X	X	X	X	X	X	X
Point-to-Point Wireless Backhaul	X	X	X	X	X	X	X	X
Point-to-Multipoint Broadband Distribution Systems								X
Active Network Electronics Design	X	X	X	X	X	X	X	X
Switches	X	X	X	X	X	X	X	X
Routers	X	X	X	X	X	X	X	X
Servers	X	X	X	X	X	X	X	X
Data Storage (SAN's, NAS, Direct Attached)	X	X	X	X	X	X	X	X
VOIP Systems	X	X	X	X	X	X	X	X
Wireless AP's and Controllers	X	X	X	X	X	X	X	X
Security System Design								
Access Control Systems (Card and Biometric Access)	X	X	X	X	X	X	X	X
Intrusion Detection Systems	X	X		X	X	X	X	X
Perimeter Security Systems			X		X			
Video Surveillance	X	X	X	X	X	X	X	X
Intercom	X		X	X	X	X		X
Emergency Telephone	X	X		X		X		
Parking Control Systems						X		
Duress Alarm Systems	X	X	X	X	X	X		X
Audio/Visual Systems								
Integrated AV, Lighting and Room Control Systems	X	X		X	X		X	X
Projection Systems and Screens	X	X		X	X		X	X
Digital Signage	X	X		X	X	X		X
IPTV	X	X		X	X	X		X
Video Conferencing	X	X	X	X	X		X	X
Conference Room Presentation Systems	X	X	X	X	X	X	X	X
CATV and Satellite TV Distribution Systems	X	X	X	X	X	X	X	X
Interactive White Boards and Smart Boards	X	X		X	X			X
Theater Sound and Projection Systems	X	X						
Sound Masking Systems		X		X	X			X



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Data Center Design								
Raised Floor Layout and Design	X	X		X	X	X		X
Rack and Cabinet Selection and Layout	X	X		X	X	X		X
Rack and Aisle Thermal Containment Systems	X	X		X	X	X		X
Fire Detection and Suppression Systems	X	X		X	X	X		X
Backup Power Systems (UPS, Emergency Generator)	X	X		X	X	X		X
Power Distribution Units	X	X		X	X	X		X
Environmental and Security Monitoring Systems	X	X		X	X	X		X
Structured Cabling	X	X		X	X	X		X
Cable Distribution Pathways	X	X		X	X	X		X
Energy Efficiency Reviews, Audits, Commissioning	X	X		X	X	X		X
Life Safety								
Fire Alarm	X	X	X	X	X	X	X	X
Mass Notification	X	X		X	X	X		X
In-Building Distributed Antenna Systems (DAS)								
Emergency Responder Systems (Fire, Police, Ambulance)	X	X		X		X		X
Cellular Repeater Systems (AT&T, Verizon, Sprint, Nextel)		X		X		X		X
Correctional Facilities								
PLC Based Electronic Detention System Design			X					
Electronic Door Locking Systems			X					
Personnel Duress and Locating Systems			X					
Control Room Design and Layout			X					
Perimeter Security Systems			X					
Beam, Motion and Vibration Detection Systems			X					
Intercom and Video Surveillance Design			X					
Health Care								
Nurse Call				X				
Code Blue Paging Systems				X				
Memory Care and Patient Wandering Door Control Systems				X				
RFID Equipment Tracking Systems				X				
K-12 Specific Systems								
Clock, Intercom, Paging and Bell Systems	X							
Interactive White Boards and Smart Boards	X							
Instructor Voice Reinforcement System	X							
Classroom Monitoring and Instructor Safety Systems	X							