

SOLiD **CAMPUS** **CONNECTIVITY**



**Is Your DAS and Optical Network
Keeping Up With Demand?**

SOLiD
solid.com

THE CONNECTED CAMPUS

A wave of new data and voice applications will require ever-increasing demands from your campus network.
Are you ready to keep pace?



HOSPITALS
Electronic health records, digital X-ray imaging, HIPAA-compliance, BYOD, paging, wireless medical devices, smartphones and tablets: all part of today's connected healthcare environment and all requiring high-bandwidth data networks and complete 3G/4G cellular coverage throughout the medical campus.



STADIUMS & ARENAS
Staying connected with friends, family and social media is part of the fan experience. Staff, media and security personnel also rely upon wireless networks to do their jobs and maintain a safe environment.



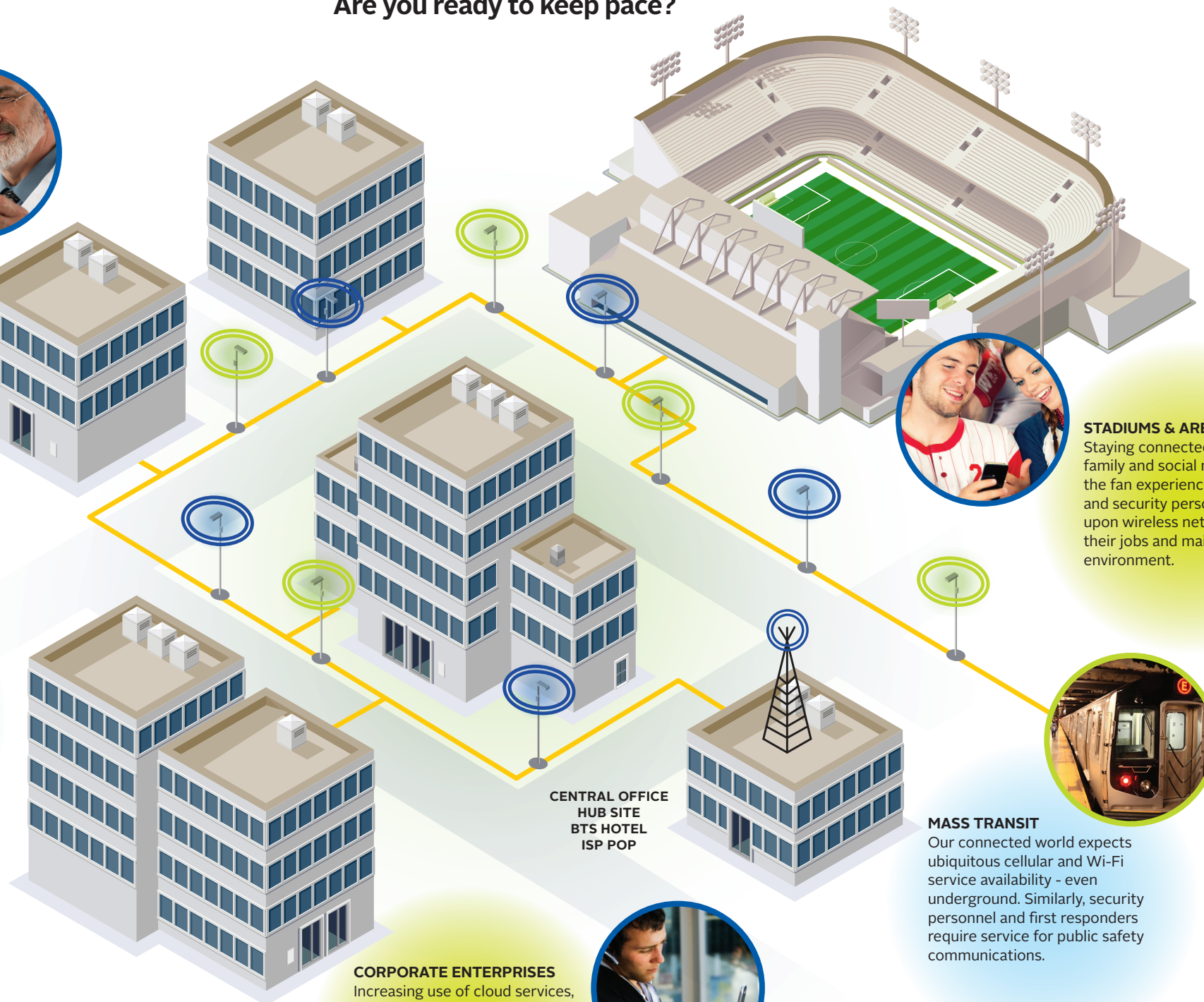
MASS TRANSIT
Our connected world expects ubiquitous cellular and Wi-Fi service availability - even underground. Similarly, security personnel and first responders require service for public safety communications.



CORPORATE ENTERPRISES
Increasing use of cloud services, video conferencing, online data storage and BYOD have dramatically transformed the requirements of corporate fiber networks.



EDUCATION
Students, faculty and campus security carry multiple wireless devices and expect full-bar coverage and capacity from campus DAS and Wi-Fi networks anywhere, anytime.



1 STRAND OF FIBER EXAMPLE



The Challenge of More

More cloud services, social media and mobile devices mean IT managers must constantly keep up with the demand for more capacity.

But fiber optic networks connecting buildings, which once promised endless room for growth, are becoming exhausted by the flood of new wireless data services and cellular traffic from Distributed Antenna System (DAS) deployments.

Solving fiber exhaustion by pulling additional fiber lines or leasing dark fiber is expensive and delays ROI.

That's where SOLiD can help.

Our DAS and Optical Network solutions are engineered to reclaim fiber while delivering mix and match capacity for RF, SONET and Ethernet services.

Do More with Existing Fiber Infrastructure

SOLiD solutions increase the bandwidth capacity of your fiber optic infrastructure by leveraging patented multiplexing technology.

SOLiD DAS solutions require only one fiber to support eight remote units and deliver cellular coverage up to 400,000 square feet.

SOLiD Optical Network solutions reclaim up to 31 fiber strands per line. You can consolidate existing services on fewer strands or add new services without new fiber.

Low TCO and High Wow-Factor

SOLiD DAS and Optical Network solutions deliver reduced capital and operational expenses.

Pre-configured DAS components and zero-touch auto-provisioning of Optical Network gear make turn up a snap.

Available Professional Services ensure optimal design and deployment as well as peace-of-mind maintenance, monitoring and expert support.

Which is why marquee customers Run on SOLiD.



SOLiD's solution suite for campus fiber networks:

	DISTRIBUTED ANTENNA SYSTEMS		OPTICAL NETWORKING SOLUTIONS	
	ALLIANCE™ Multi-Carrier DAS	EXPRESS™ Single-Carrier DAS	INFINITY™ ACCESS™ DWDM	INFINITY™ CWDM
HIGH CAPACITY				
Bi-directional uplink/downlink on one fiber	■	■	■	■
Dense Wave Division Multiplexing			DENSE	COARSE
MAXIMIZE EXISTING ASSETS				
Seamless inter-working with multi-mode and single-mode optics.			■	
Reclaim up to 31 fiber strands			■	
Support 8 remote optical units with 1 fiber strand	■	■		
ZERO-TOUCH SETUP SAVES TIME AND MONEY				
Auto Tune Laser			■	
EasySET Auto Provisioning Software		■		
Pre-configured components	■	■	■	■
PAY AS YOU GROW				
Modular Design	■	■	■	■
Grow from 1 to 16 channels			16 CHANNELS	8 CHANNELS
Grow from 1 to 60 Remote Radio Units	■	■		
OPTIMIZED FOR CAMPUS DEPLOYMENTS				
Supports fiber lengths up to 45 km without amplification or regeneration			■	
Very low latency, zero jitter and packet loss			■	
Optional link redundancy available for mission critical services			■	■
SUPPORT FOR MULTIPLE SERVICES				
100 to 1000Mbps, Gb and 10Gb Ethernet, Synchronous Ethernet, Carrier Ethernet, CPRI/OBSAI in any protocol			■	■
VHF, UHF, 700MHz, 800MHz, 850MHz, 900MHz, 1900MHz, 2100MHz, Paging	■	■		
SONET OC48, OC12 and OC3				■
Remote monitoring / SNMP	■	■	■	

Connect with SOLiD

SOLiD empowers capacity and coverage for cellular, public safety, and Wi-Fi services at large venues and campuses through innovative Distributed Antenna System (DAS) and carrier-grade Optical Network solutions for Small Cell Backhaul and Passive Optical LAN (POL) deployments.

For more information or complete technical specifications, please visit our website or contact us via email or phone.

solid.com



800 Klein Road
Suite 200
Plano, TX 75074

solid.com
888.409.9997
sales@solid.com