

SOLiD WIRELESS SOLUTIONS FOR HIGHER EDUCATION



Enabling cellular and public-safety communications for students, faculty, administrators, operations personnel, visitors and first responders.

SOLiD
solid.com

THE CONNECTED UNIVERSITY

Wireless solutions to keep students, faculty, administrators, operations personnel, visitors and first responders connected.

The Challenge of More

Colleges and universities are a uniquely challenging environment. A convergence of cloud services, social media and mobile devices requires university IT managers to keep up with an ever-increasing demand for more capacity.

Reduced and highly-scrutinized budgets require that campus network infrastructure must be flexible and scalable.

Summa Cum Laude Solutions

The SOLiD suite of Distributed Antenna System (DAS) and Optical Network solutions delivers performance, cost efficiency and scalability through future-prepared infrastructure that addresses the evolving demands for voice, data and public-safety on campus.

Our innovative DAS and Optical Network solutions are engineered to optimize building and campus fiber resources.

Requiring just one strand of fiber, SOLiD's neutral-host DAS supports commercial cellular (multi-operator, multi-carrier) and public-safety (UHF/VHF/700/800) services on a single modular platform.

Code-compliant, NEMA-rated enclosures and sophisticated filtering technology ensures delivery of truly mission-critical wireless service.

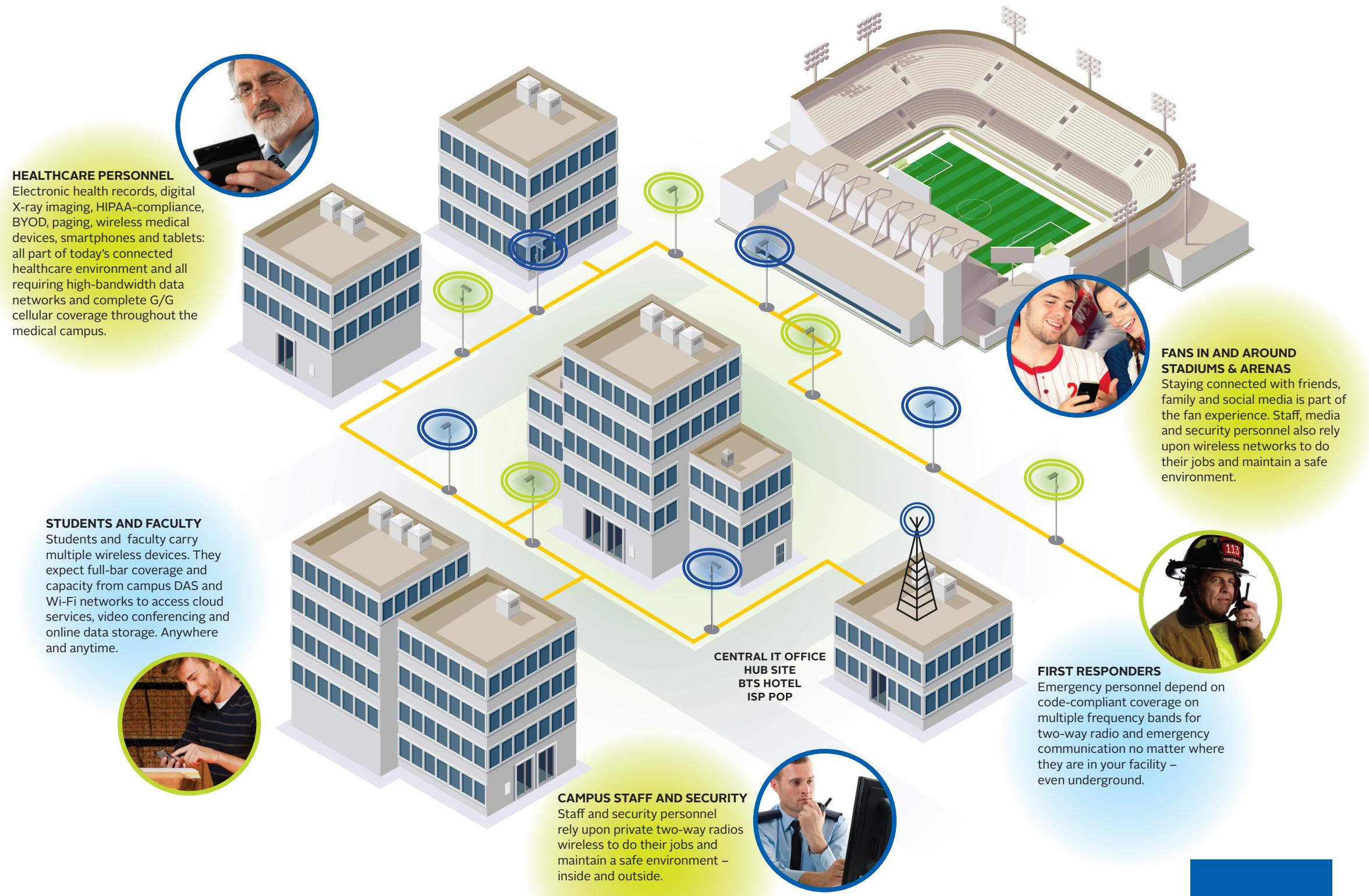
SOLiD's Optical Transport solutions deliver carrier-grade and enterprise-ready performance and a scalable platform for deploying high-capacity Gigabit Ethernet services inside buildings and across campuses.

SOLiD's Professional Services ensure optimal design and deployment, maintenance, monitoring and expert support.

The Smart Choice

SOLiD meets the requirement of keeping stadiums, hospitals, buildings and campus spaces connected.

That's why as they attract the world's brightest minds, many top universities depend on SOLiD to deliver the current and future coverage and capacity needs.



HEALTHCARE PERSONNEL
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 G/G cellular coverage throughout the medical campus.

STUDENTS AND FACULTY
Students and faculty carry multiple wireless devices. They expect full-bar coverage and capacity from campus DAS and Wi-Fi networks to access cloud services, video conferencing and online data storage. Anywhere and anytime.

**CENTRAL IT OFFICE
HUB SITE
BTS HOTEL
ISP POP**

CAMPUS STAFF AND SECURITY
Staff and security personnel rely upon private two-way radios wireless to do their jobs and maintain a safe environment – inside and outside.

FANS IN AND AROUND 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.

FIRST RESPONDERS
Emergency personnel depend on code-compliant coverage on multiple frequency bands for two-way radio and emergency communication no matter where they are in your facility – even underground.

1 STRAND OF FIBER EXAMPLE



SOLiD's Solution Suite for Higher Education:

	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.

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