## SOLID STADIUM CONNECTIVITY



It's Game Day. Can your wireless network meet the demand for capacity and coverage?

SOLiD solid.com

## **The Wireless Game Day Experience**

It's game day, and everyone expects a memorable experience of which wireless now plays a significant part.

But stadiums, arenas and entertainment venues are uniquely challenging environments where wireless networks are temporarily inundated by massive data traffic surges during the event that tax throughput capacity.

Adding to the challenge is the growing need to enable cellular, Wi-Fi and public-safety communications.

SOLiD provides a tool kit of innovative and pragmatic Distributed Antenna System (DAS), Optical Network and Professional Services solutions ideal for stadiums.

## **Serving Stadium Needs Today** and Tomorrow

Technology is anything but static. SOLiD solutions are extremely fiber efficient, flexible and scalable.

Our DAS portfolio includes 1W and 2OW NEMA-rated Remotes that can be securely mounted virtually anywhere in a stadium and integrated with a common head-end. In addition, we offer wideband multi-service support for both cellular and public-safety on the same infrastructure.

Our patented carrier-grade, enterprise-ready Optical Network solutions empower venue owners to reclaim fiber and deploy Gigabit Ethernet infrastructure for high-capacity Wi-Fi.

## **Something For Everyone To Cheer About**

SOLiD solutions are rapidly deployed thanks to pre-configured DAS components and patented, zero-touch, auto-provisioning Optical Network gear.

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

All of which means reduced capital and operational costs for you.

So when you Run on SOLiD, fans won't be the only ones with bragging rights at the end of the game.

# THE CONNECTED STADIUM

Sports fans expect high-capacity wireless service as an integral part of the game day experience. Staff, media and public safety personnel also rely upon wireless networks to do their jobs and maintain a safe environment.

## THE PRESS/MEDIA

Smartphones and tablets, and the use of cloud services and on-line video for instantaneous reporting of sports news, require high-bandwidth data networks and complete 3G/4G cellular coverage throughout the stadium.

> FANS AROUND THE STADIUM Fans want seamless wireless communication and access to media-rich content everywhere from parking lot, to concourse, to stadium seat.

1 STRAND OF FIBER

TE RRH / WIFI



## PUBLIC SAFETY

First responders 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.





### FANS IN THE STADIUM

Staying connected with friends, family and social media is part of the fan experience. No matter what carrier they subscribe to, fast dependable connection is expected.

## 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.





### TEAMS AND OWNERS

Sports organizations need to provide content-rich information to their customers throughout the facility - team and league apps, analytics, and data must be delivered quickly and securely.



## **SOLiD Solution Suite for Stadiums:**

	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			D <mark>EN</mark> SE	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 CH <mark>AN</mark> NELS
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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