

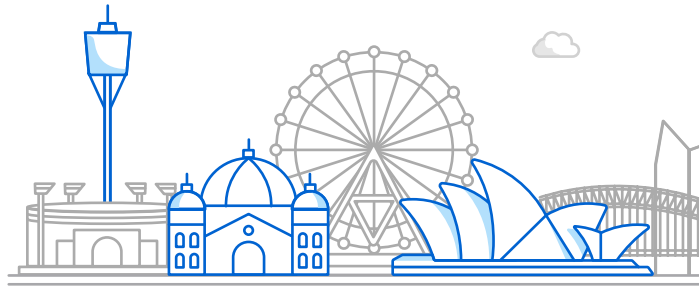


Distributed Production Network

A dedicated Professional Media network connecting Australia's stadiums and major event venues.

Purpose built, high-capacity, high-performance fibre network architected for real-time delivery of IP encapsulated media streams.

With on-demand connectivity optimised to support the production of live-to-air television events using Remote Production techniques.



Distributed Production Network

✓ Customer Problem Solved

Carriage of live-to-air television production content from major event venue to remote production facility

“Live events are the core of TV no other medium can bring you a visual report of an event as its happening.” Tony Verna, Director.

Remote Production can be defined as a multi-camera product occurring outside of a studio context. Live remote production has long been a staple of television, whether its awards show, a sporting event, concert or even news story.

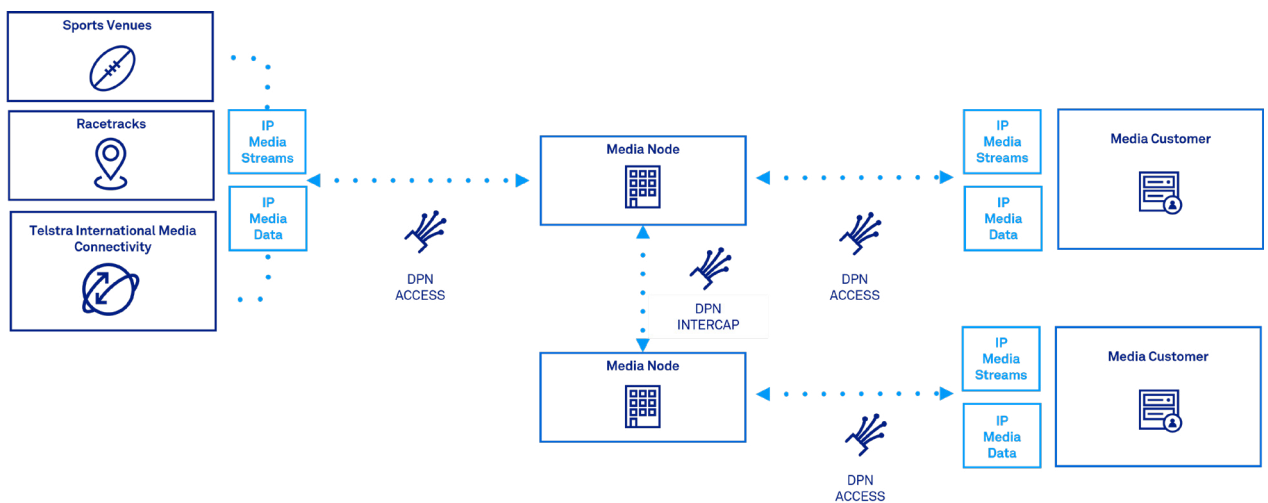
Telstra’s DPN provides connectivity from event venue to production facility with capacities up to 100Gbps for multiple camera feeds, audio and production equipment interconnects with low latency and zero packet loss.

The DPN is managed 24/7 via Telstra’s Broadcast Operations Team, delivering millions of hours of content annually, supported by Australia leading telecommunications company. Telstra has provided Media services to the Australian media industry for over three decades.


🔄 Core Network Topology


Remote Production Contribution


Any on-net source to any on-net destination



Distributed Production Network

 Service Attributes	
Market Positioning	Remote Production
Product Skews	DPN Passthrough Single Path A
	DPN Passthrough Single Path B
	DPN Passthrough Dual Path
	DPN 4K Single Path A
	DPN 4K Single Path B
	DPN 4K Dual Path
	DPN Ethernet Data Single Path A
	DPN Ethernet Data Single Path B
	DPN Ethernet Data Dual Path
Coverage	National - Broadcasters, Stadiums, Media Production Hubs
Contention	Uncontended (reserved bandwidth throughout the access and core network)
Topology	Point-to-Point
Bandwidth	10G, 30G, 50G, 100G
Latency	Ultra Low
Security	High
Traffic Class	Real-time professional media contribution

 Technical Specifications	
Service Style	Carrier Ethernet (E-line EPL)
Support Ethernet Standards	IEEE 802.1q (tagged and un-tagged frames)
Physical Medium	IEEE 802.3-2002 Physical Interface
Interface Type	10G-LR, 40G-LR, 100G-LR
Access Type	Telstra Access Fibre
Long Haul Type	Telstra DPN Core Intercapital Network Telstra Regional Transmission Network
Mode	Full Duplex
All to One Bundling (Q-in-Q equivalent)	Yes
CE-VLAN ID / EVC Map	Map all services frames at UNI map to a single E-line service type EVC
Max number of EVCs	One
Max MTU	9000

 Quality of Service	
Resilience	Single Uplink or Fully redundant
SLA	Broadcast: Express 8
Service Availability	Zero packet loss Low jitter and latency Platinum Plus - 99.99%
Delivery Time - indicative	Nominally 12 Weeks
Service Management	Telstra Broadcast Services
Network Management	Proactive fault management via Telstra Broadcast Delivery (L1 support) & Media Engineering (L2/3 support)
Field Operations	Yes
Event Management	Yes
24/7 Itinerant Bookings	Yes



On-net sporting venues

Region	Venue
QLD	Nissan Arena
	Suncorp Stadium
	The Gabba
	Cairns Convention Centre
	CBUS Super Stadium
	Metricon Stadium
	Queensland Country Bank Stadium
SA	Adelaide Oval
	Adelaide Entertainment Centre
	Coopers Stadium
WA	OPTUS Stadium
	HBF Park
	WACA
	RAC Arena
TAS	Blundstone Arena
	UTAS Stadium

Region	Venue
NSW	Allianz Stadium (CLOSED)
	Stadium Australia
	CommBank Stadium
	Lottoland
	Campbelltown Stadium
	Netstrata Jubilee Stadium
	Leichardt Oval
	BlueBet Stadium
	Qudos Bank Arena
	SCG
	Giants Stadium
	Central Coast Stadium
	McDonald Jones Stadium
	WIN Stadium
VIC	AAMI Park
	John Cain Arena
	Marvel Stadium
	MCG
	GMHBA Stadium
ACT	Manuka Oval
	GIO Stadium



The Telstra Way

Telstra is a leading technology company offering a wide range of services globally. We bring innovative technology, capability and talent from across the globe to enable our customers to thrive in a connected world. Telstra's heritage is proudly Australian, and we have a longstanding international business with specific expertise in the Asia Pacific region. Telstra Broadcast Services brings to our customers a dedicated team of media industry professionals, high performance media networks, online video and cloud platforms, world class satellite services, and 24/7 bookings, operations and engineering support to help securely take your live sports content from stadiums to screens.

