Large Event Coverage: Best Practices

Electrical Eng
Union steward
Control Room #
Telco rep/support #
Talent #s
Crew #s
Transponder freqs
Sat TOC#
Media Coordinator
Security
Key event times
Check list
Assessing Primary and Backup
Site Survey Tools

https://vzwmap.verizonwireless.com/dotcom/coveragelocator/

https://www.att.com/maps/wireless-coverage.html

www.opensignal.com

www.sensorly.com
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The Good and Bad of Cellular
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Private LTE

http://about.att.com/story/nokia_new_4g_lte_wireless_network_solution.html


Tools for the Toolbox
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Tools for the Toolbox

Studio
(If on a closed LAN.)
Devices should be on same VLAN if used

Stadium

LiveShot Portable
192.168.0.105
255.255.255.0
GW: 192.168.0.1
DNS 8.8.8.8

Gateway router
192.168.0.1
255.255.255.0
DNS: 8.8.8.8

Network Switch

Bullet M5
192.168.0.115
255.255.255.0
GW: 192.168.0.1
DNS 8.8.8.8

Nanostation loco
192.168.0.215
255.255.255.0
GW: 192.168.0.1
DNS 8.8.8.8

PoE

5.8GHz Wireless data link

DTAP to Battery

Powered Ethernet from PoE to radio

Ethernet to “networked” device

Data connection from stadium to studio

192.168.0.205
255.255.255.0
GW: 192.168.0.1
DNS 8.8.8.8

LiveShot Studio Pack
There are several other brands of low-cost ISM band radios out there on the market such as Mikrotik and Engenius.

http://www.mikrotik.com/

https://www.engeniustech.com/

A step up but still affordable:
http://www.dragonwaveinc.com/

In the pricier range:
www.silvustecnhologies.com
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Things to Look Out For
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Thanks from Comrex