



# USE CASE



## PRESENTER(s)

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## TYPE OF EVENT

**Special Event/Urban (Planned Event)**

## SCENARIO

The earliest reference to Mardi Gras "Carnival" appears in a 1781 report to the Spanish colonial governing body. By the late 1830s, the Carnival experience had fully integrated into an **annual event** in New Orleans that held street processions of maskers with carriages and horseback riders to celebrate Mardi Gras.

Today the high point of Carnival activities in New Orleans is approximately **two (2) weeks** of planned events **59 days** before Easter. There are **42 permitted parade events** that break down to **87+ total parades, second lines, block parties, galas, balls and private events – all day and all night**. Mardi Gras involves many of the **378,000 residents** and most of the **1.2 million visitors** that are in the City during Carnival. Occupancy of the **38,000 hotel rooms** runs at **90 to 95 percent**.

## IMPORTANCE OF DATA COMMUNICATIONS

The current radio communications plan includes **29 LWIN talk groups, 3 Tier II talk groups** and **1 patch**. For data, commercial broadband networks are used and often **capacity issues** are encountered by public safety entities in the field. The **scale** of the event and the **limited geographic area** over which a parade travels creates a scene where first responders, citizens and tourists are **all competing** for bandwidth over a commercial network. With a **dedicated** network, and the use of **deployables** and **satellites**, data communications for first responders would be **greatly** improved.

The use of **License Plate Readers (LPRs)**, **mobile booking units** and several commercially available **software components** in EMS and other disciplines would be **significantly** enhanced with **access** to a dedicated network. **Streaming video**, as well as the transmission of **images** and **video** of suspects or situations would **improve** awareness of those responders closest to the particular situation. Command and control could be enhanced with an **immediate video** of a **scene** as it plays out. Paired with the existing LWIN LMR solution, the FirstNet network would also allow **seamless communication** between the different Emergency Support Functions (ESFs) in different areas of the City.

## ACTIVELY INVOLVED AGENCIES

### Public Safety

#### Local

- NOHSEP
- NOPD
- OPSO
- Local Sheriffs
- University Police
- Harbor Police
- NOFD
- NOEMS
- NOHD

#### State

- LSP
- ATC
- State Fire Marshal
- LANG CST
- Probation + Parole

#### Federal

- FBI
- DEA
- ATF
- USCG

### Other

#### Local

- DPW
- RTA
- Property Management
- Revenue Permitting
- Parks + Parkways
- Sanitation
- DDD
- Airport
- NOTMC + CVB

#### State

- DOTD

#### Federal

- USACE
- NWS

#### Private

- Verizon
- AT&T
- Cox
- Entergy
- Acadian Ambulance

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Building a **dedicated** public safety broadband network across the Nation.

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