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# Small Cell Overview

Max Durazo / AT&T

Mobility Construction & Engineering

# Fast and reliable connectivity requires a robust and scalable infrastructure



# New cell sites needed for multiple reasons

- **Coverage:** Area not previously served by our network.
- **Capacity:** Growth in consumer demand
- **In-Fill:** Signal strength to meet customer demands.

## “Traditional”/Macro Cell

- Located on top of free standing towers, buildings, water tanks.
- Coverage radius measured in miles – This type of cell site covers the most people over a large area.



## Small Cell

- Flexible network solutions
- Compact size
- Can be readily deployed to specific locations
- Brings densification to the network for anywhere/anytime connection to the consumers management of the Internet of Things (IoT)
- Coverage and capacity focused anywhere from 750 ft. to 2,600 ft depending on the needs of the localized community.



# Small Cells help bring the network “closer” to its users, deliver increased data capacity, faster connectivity speeds and an overall better wireless experience



# Small Cells deployed in our communities throughout the United States



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