

# NEW YORK STATE WIRELESS ASSOCIATION

## Enabling Wireless Networks Everywhere

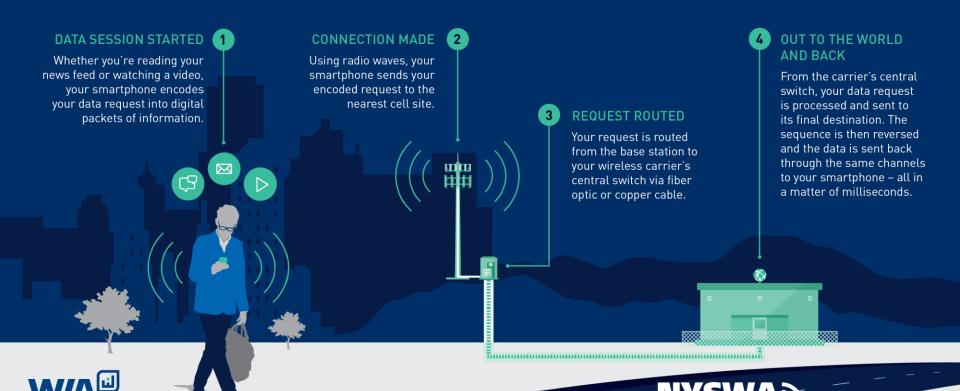
New York State Legislature April 2017



## Wireless Infrastructure Powers Your World



### **How Wireless Works**





## Wireless infrastructure is typically built in two forms:



#### **Macro Sites**

Poles, towers, or other tall infrastructure (rooftops, water towers, billboards), typically > 50', that host antennas from several different carriers at once.



#### **Small Cell Sites**

Small antennas placed on new or existing poles or other support structures that complement tower coverage in areas of heavy demand.





## **Your Wireless World**



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## **Key Wireless Infrastructure Terms**

#### Coverage

The geographic area where mobile service is provided. Coverage is needed to increase wireless access and availability within an area.

#### Capacity

The amount of traffic a network can handle at one time without getting congested. Additional capacity is needed to handle the transmission of photos and videos over the network as smartphones and other data-hungry devices become ubiquitous.

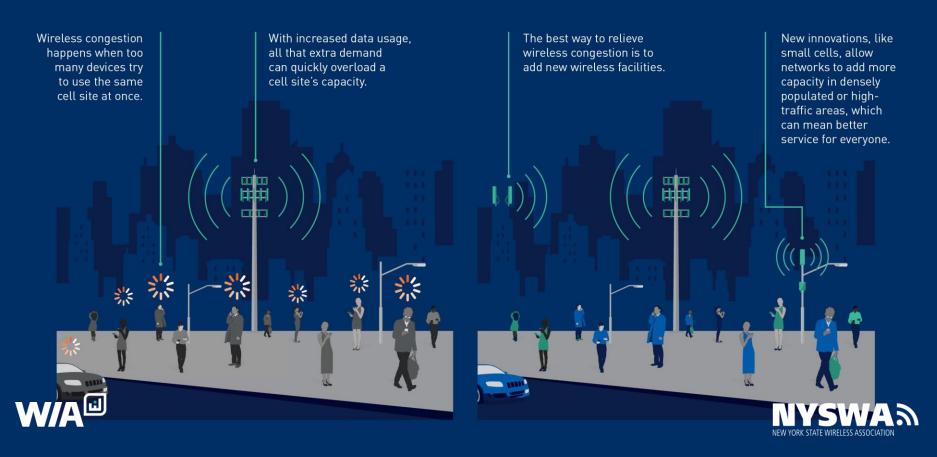
#### Collocation

When multiple wireless carriers share a common support structure. Collocation maximizes use of existing support structures, reduces visual clutter, and avoids unnecessary duplication of towers and other infrastructure.





## **Congestion vs. Capacity**



## **WIA & NYSWA Policy Positions**

#### Promote shared use or collocation

Share wireless infrastructure whenever possible to make the most of existing structures before building new facilities.

#### Encourage common standards

Common regulatory standards can be used to strike the right balance by preventing a cumbersome review process and ensuring strong and reliable service while supporting local control.

#### Ensure Access to Public Rights of Way

Access to public rights of way for smaller infrastructure (poles, antennas, and support structures) will continue to be an important part of providing wireless services.





## NYSWA – WIA MEMBER

#### **Working Together**

NYSWA was the first association to join WIA as a State Wireless Association Program (SWAP) member in 2014.

WIA & NYSWA continue to work collaboratively to promote and advance the wireless industry through education and service in New York State.

More information about WIA can be found at www.wia.org and NYSWA at www.nyswa.org





## Speaker

#### Speaker Chris Fisher – President, NYSWA Managing Partner, Cuddy & Feder LLP

Christopher B. Fisher, Esq. is a founding board member and has served as President of the New York State Wireless Association since 2012. Under Chris' leadership, NYSWA established its Wireless Forum Conferences in NYC, published a statewide wireless economic impact report, expanded its advocacy with State leaders in Albany and has otherwise provide new and improved opportunities for NYSWA members to do business in New York. Chris also contributes to the wireless industry nationally as a member of WIA's Innovation and Technology Council and HetNet Forum, where he focuses his efforts on mobile infrastructure deployment.



