



Identifying potential partnerships and competitors for wireless telecom licensees.

SpectrumViewSM

Comsearch, a CommScope Company, brings you SpectrumViewSM—a simple, yet comprehensive look at spectrum holdings for any wireless carrier in any wireless market nationwide. In the last two auctions alone, over 200 licensees acquired close to 2000 licenses for AWS and 700 MHz spectrum. Combine that with spectrum holdings for other services such as Cellular, PCS, and WCS, and the spectrumscape is extraordinarily complicated. SpectrumView cuts through the clutter to give you a clearer picture of who has what spectrum where.

SpectrumView identifies potential partnerships and competitors for wireless telecom licensees. County boundaries are the basis for all FCC license areas, so we identify each carrier at the county level or partial county level, then aggregate that back up to the appropriate market area. We also sum up the amount of spectrum per carrier as well as population covered by each license. For partial counties, we calculate the percentage of geographic area and percentage of population covered by the license. We take into account leases recorded with the FCC, ownership changes, frequency disaggregation, and market partitioning. Detailed research is performed on each licensee name to determine the true operating company.

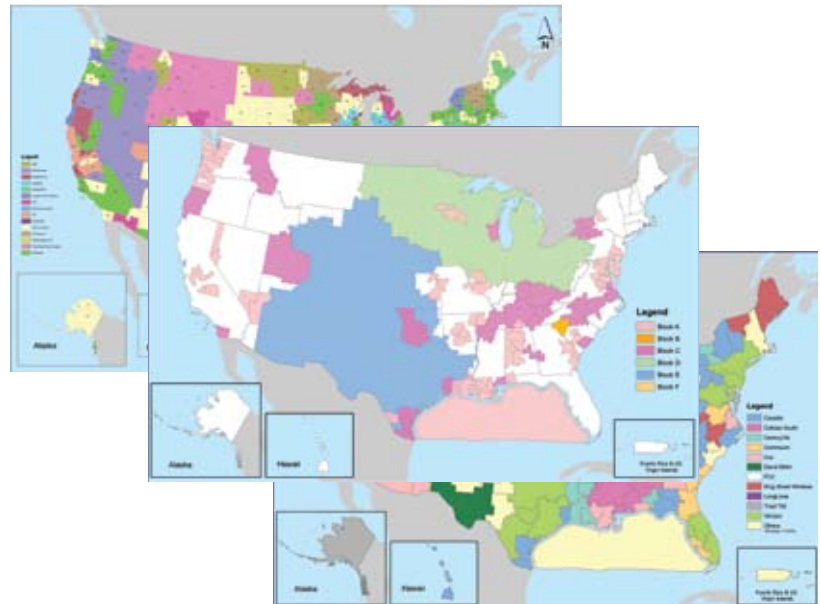
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Comsearch's SpectrumView provides data and maps such as:

- Carrier information by county
- Carriers by market
- Roll-up by carrier
- Roll-up by market

Bands or Services covered:

- AWS
- 700 MHz
- PCS
- Cellular
- WCS
- BRS & EBS
- MSS
- LMDS
- 24 GHz
- 38 GHz
- Microwave Bands above 1 GHz



SAMPLE—Roll-up by Market for CMA 64: Grand Rapids, MI

| | Licensee | Amount of Spectrum (MHz) | Blocks | # of Counties | Licensed Population |
|--------|---------------------------|--------------------------|-----------|---------------|---------------------|
| 700MHz | AT&T | 24 | B,C-lower | 2 | 812,649 |
| | Echostar | 6 | E | 2 | 812,649 |
| | Qualcomm | 6 | D | 2 | 812,649 |
| | Verizon | 34 | A,C-upper | 2 | 812,649 |
| AWS | Centennial | 20 | A | 2 | 812,649 |
| | Leap Wireless/ Cricket | 10 | D | 2 | 812,649 |
| | MetroPCS | 10 | C | 2 | 812,649 |
| | SpectrumCo | 20 | B | 2 | 812,649 |



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