



LTE & CBRS ENGINEERING SERVICES FROM WINNCOM



Winncom is **YOUR** Certified, Full-Service **CBRS** Solutions Expert

Winncom Technologies
is a proud member of
OnGo Alliance.

LTE & CBRS Design Services

WPSS-CBRS-PCI-Setup

PCI Planning and Network Design
with Heat Map, per eNodeB

Information Required

- Customer's information and project name
- Heights and size limitations of antennas
- Structure e.g. tower, building, water tank, etc.
- Coordinates
- Frequency band preferred
- Preferred manufacturer

Task

- Using Atoll Propagation Tool
- Import all customer provided information
- Enter site coordinates
- Enter cell information
- Gather and import terrain
- Gather and input clutter data
- Create PCI planning
- Produce Google Earth Heat Map

WPSS-CBRS-PCI-Plan-SM

Monthly Planning Services of PCI/Network Upkeep
and Changes, Up to 25 eNodeBs, 2 Year Contract

- Requires **WPSS-CBRS-PCI-Setup**

Information Required

- Customer's information and project name
- Heights and size limitations of antennas
- Structure e.g. tower, building, water tank, etc.
- Coordinates
- Frequency band preferred
- Preferred manufacturer

Task

- Using Atoll Propagation Tool
- Import all customer provided information
- Enter site coordinates
- Enter cell information
- Gather and import terrain
- Gather and input clutter data
- Create PCI planning
- Produce Google Earth Heat Map
- Provide 1 hour of 1on1 time with customer for improvements

Call 888.WINNCOM or visit www.winncom.com

WPSS-CBRS-PCI-Plan-MD

Monthly Planning Services of PCI/Network Upkeep and Changes, Up to 75 eNodeBs, 2 Year Contract

• Requires WPSS-CBRS-PCI-Setup

Information Required

- Customer's information and project name
- Heights and size limitations of antennas
- Structure e.g. tower, building, water tank, etc.
- Coordinates
- Frequency band preferred
- Preferred manufacturer

Task

- Using Atoll Propagation Tool
- Import all customer provided information
- Enter site coordinates
- Enter cell information
- Gather and import terrain
- Gather and input clutter data
- Create PCI planning
- Produce Google Earth Heat Map
- Provide 1.5 hours of 1on1 time with customer for improvements

WPSS-CBRS-PCI-Plan-LG

Monthly Planning Services of PCI/Network Upkeep and Changes, Over 75 eNodeBs, 2 Year Contract

• Requires WPSS-CBRS-PCI-Setup

Information Required

- Customer's information and project name
- Heights and size limitations of antennas
- Structure e.g. tower, building, water tank, etc.
- Coordinates
- Frequency band preferred
- Preferred manufacturer

Task

- Using Atoll Propagation Tool
- Import all customer provided information
- Enter site coordinates
- Enter cell information
- Gather and import terrain
- Gather and input clutter data
- Create PCI planning
- Produce Google Earth Heat Map
- Provide 2 hours of 1on1 time with customer for improvements



MISCELLANEOUS ENGINEERING SERVICES

WPSS-SITE-SURV-PD - LTE / CBRS Site Survey, per day w/o travel expenses

WPSS-REMOTE-PHR - Remote Support and Services, per hour

WPSS-REMOTE-PD - Remote Support and Services, per day

WPSS-ONSITE-SUPP-PD - On-Site Support/Troubleshooting for CBRS System, per day w/o travel expenses

WPSS-PM-PD - On-Site Project Management Service, per day w/o travel expenses



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