

For Immediate Release

## The Besen Group Releases 5G Spectrum TCO Tool for Private 5G Networks

**Washington, D.C., January 3, 2023** (PRWEB) – The Besen Group, an international mobile data industry management consulting practice headquartered in the Washington DC area, with representatives in Paris and Tokyo, released today 5G Spectrum TCO Tool for Private 5G Networks.

“Our 5G multi-spectrum tool for private 5G networks is the most complete tool for the global private networks market in order to demonstrate the ROI for any indoor or outdoor private 5G network use case based on low-band, mid-band or high-band 5G spectrum,” said Alex Besen, Founder and CEO of The Besen Group LLC. “We strongly believe that mobile network operators, system integrators and enterprises can benefit the most use of our tool when they deploy their private 5G networks in licensed 5G spectrum.”

Some of the key features of the tool include the following:

- Indoor Market Size is based on Subscribers, Devices, Bandwidth, Small Cells
- Outdoor Market Size is based on Subscribers, Devices, Bandwidth, Small Cells
- Indoor Market Size is based on Low-Band Spectrum, Mid-Band Spectrum or High-Band Spectrum
- Outdoor Market Size is based on Low-Band Spectrum, Mid-Band Spectrum or High-Band Spectrum
- 5G Core Network Pricing is based on Small Cells, Subscribers, Devices, Bandwidth
- Cloud Core Network Pricing is based on Small Cells, Subscribers, Devices, Bandwidth
- Pay-As-You-Go (PAYG) Pricing is based on Small Cells, Subscribers, Devices, Bandwidth
- AWS Private 5G Pricing is based on Radio Units and Data Transfer
- MNO & 5G Core Network Connectivity is based on Bandwidth
- Roaming Outside Private 5G Network is based on Bandwidth

The 5G spectrum is divided into following parameters for our tool:

- Low-Band: 600 MHz – 1 GHz
- Mid-Band: 1 GHz – 6 GHz
- High Band: 12 GHz – 48 GHz

The limited version of the 5G Spectrum TCO Tool for Private 5G Networks can be downloaded at: <http://www.thebesengroup.com/downloads/5G.Spectrum.TCO.Tool.Private.5G.Limited.xlsx>

The Besen Group’s Tool Brochure contains the following business case tools and TCO tools:

- [Open RAN TCO Tool for Private 5G Networks](#)
- [CBRS TCO Tool for Private 5G Networks](#)
- [CBRS Business Case Tool for Private 5G Networks](#)
- [TCO Comparison Tool: CBRS Neutral Host Network vs DAS](#)
- [TCO Comparison Tool: CBRS Private 5G vs Wi-Fi 6](#)
- [TCO Comparison Tool: CBRS Private LTE vs Wi-Fi 6](#)
- [CBRS TCO Tool for Private LTE Networks](#)
- [CBRS TCO Tool for Neutral Host Networks](#)
- [CBRS Business Case Tool for Private LTE Networks](#)
- [CBRS Business Case Tool for Neutral Host Networks](#)
- [Small Cells TCO Tool](#)

The tool brochure can be downloaded at: <http://www.thebesengroup.com/downloads/Tool.Brochure.pdf>.

The Besen Group offers its tools on a corporate license basis in Excel format. For pricing information or customization options, please send an email with contact details including name, title, company name, phone number to [tool@thebesengroup.com](mailto:tool@thebesengroup.com).

**About The Besen Group** ([www.thebesengroup.com](http://www.thebesengroup.com))

The Besen Group is an international management consulting practice to the mobile industry headquartered in the Washington DC area, with representatives in Paris and Tokyo. Its mission is to provide mobile players with tools, knowledge, and services enabling them to perform optimally in their mobile environment. The Besen Group's competitive edge is based on practical experience with mobile operators, mobile vendors, and a mobile data laboratory.

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