



5G Innovation Center at National Landing

Delivering next-generation connectivity
inside and outdoors across a 13.3 million-sq.
ft. mixed-use campus in Arlington, Virginia.

Federated Wireless and JBG SMITH are partnering with AWS to deliver advanced network connectivity across JBG's National Landing portfolio, both inside and outdoors, and to create an interoperable 5G private wireless network running on AWS to enable next generation technologies for tenants across the campus.

Challenge

JBG needed a top private 5G partner to support its \$12 billion smart infrastructure project at National Landing. The partner would need to meet the advanced wireless requirements of IoT, AI, robotics, AR/VR, and edge and cloud computing. The partner would also need to effectively deploy and monetize JBG's \$25.3 million investment in CBRS spectrum.

Solution

Federated was selected by JBG to design, deploy, and manage 5G private wireless networks at National Landing, made available to tenants and residents in indoor and outdoor areas across the 13.3 million-sq. ft. portfolio. The Federated network is a first-of-its-kind shared spectrum solution to lease 5G private wireless to tenants, on-demand.

Impact

5G

Enable smart
infrastructure for:



6.8 million sq. ft. of existing
office space



4,439 residential units
including those under
construction.



6.5 million square feet of
additional commercial,
multi-family and retail
development opportunities.



Strengthening 5G leadership
in our nation's capital.