

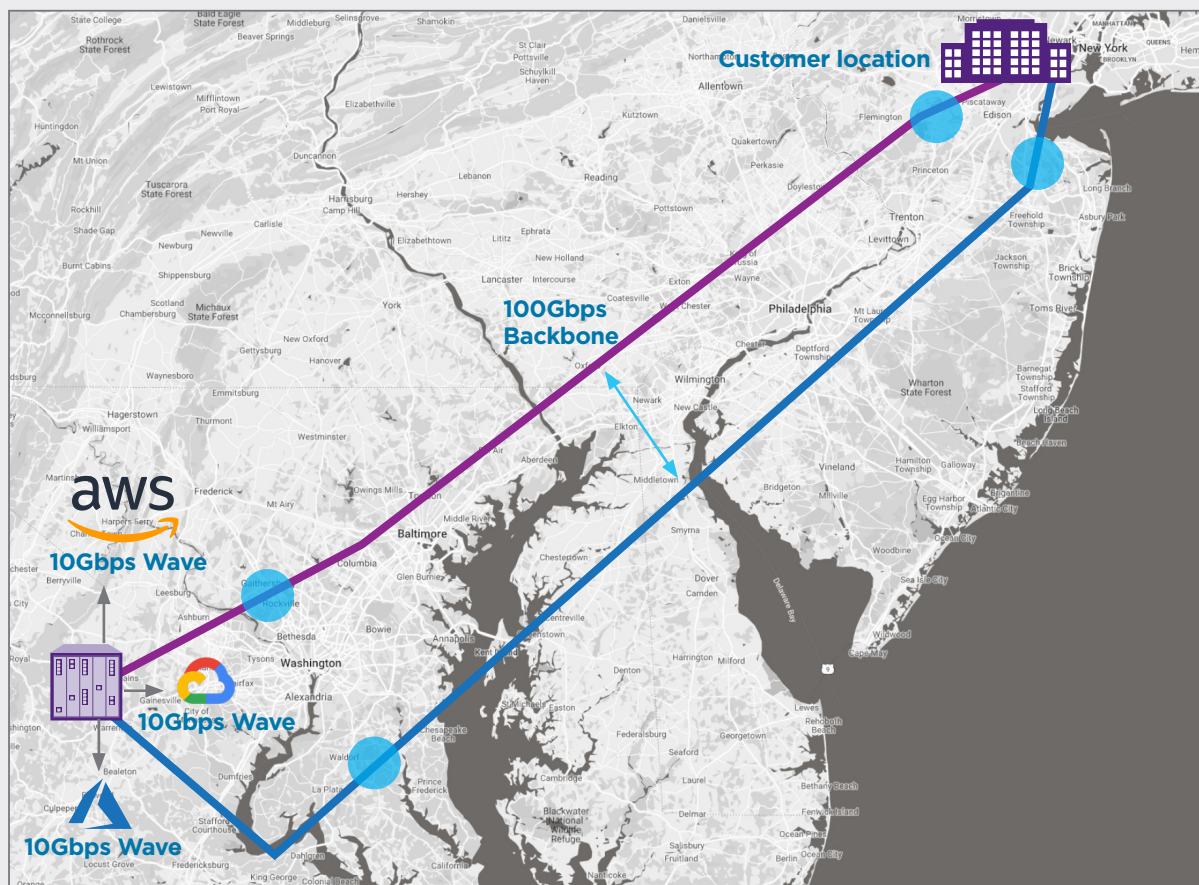
# Innovation at work

A series on creative  
network design.

When a broadcast company needed mission-critical connectivity to support their business, they sought out a partner who could innovate with them.

A traditional approach wasn't enough. They needed a team of fiber experts from engineering to operations to help enable what was ahead for their business—quickly. Plus, 99.999% network availability and solving for the growing internal pressure to migrate to the cloud.

That's why we worked together to design a custom network that provides two diverse routes between their data centers and Microsoft Azure and Amazon Web Services, accommodating their need for extremely fast configuration timelines and allowing for seamless growth.



## Design notes

- Two diverse dedicated 100Gbps (10x10Gbps) point-to-point connections pre-provisioned, day one, as live, stand-by capacity.
- One 10Gbps on each path is broken into 9x1Gbps to allow for lesser bandwidth needs. All 1Gbps circuits are pre-positioned as live, stand-by capacity.
- Provides access to 50+ service providers via Ashburn, VA data center complex.
- Enables 17.6 Tbps of total bandwidth.
- Sub 10 day turn-up timeframe capability on each circuit.

To see more innovation, please contact 1-833-627-0186 or visit **CrownCastle.com**