

TOWN OF HERNDON, VIRGINIA

Smart City Project



Located within the metro Washington, DC area, Herndon, Virginia, prides itself on its small-town charm, rich heritage and strong sense of community. The Town's commitment to its community of 24,500 residents is evident through its many parks, award-winning community center and lively downtown district. Herndon is governed by a Town Council that is continually researching and investing in ways to maintain and improve its livability, sustainability and quality of life for its citizens, businesses and visitors.

In 2019, the Town kicked off a smart city project in partnership with Vivacity Networks to bring cutting-edge technologies to its downtown area.



Town Need

Cost savings and carbon emission reduction from LED light conversion of street lights

Improved mobile coverage and public Wi-Fi network within historic area

Data on pedestrian and bicycle use of popular trail

Improved public safety in Herndon's busy downtown area

Electric vehicle charging station for citizens and visitors near municipal center and library

Vivacity Solution

Smart lighting controlled via cloud management system with energy and maintenance savings

Custom designed smart poles installed with revolutionary underground vaults to conceal equipment

Fixed camera using artificial intelligence to count people

Push blue technology and omni-directional video to monitor key areas and intersections

Electric vehicle station with cloud-based usage and analytics data





The Vivacity Advantage

- We make the most of your city assets to meet your project goals
- We design infrastructure with your landscape and aesthetics in mind
- We are your single point-of-contact with complete accountability from beginning to end
- We invest in the network alongside you, then operate and maintain it
- We integrate fiber and wireless networks that are scalable and limit disruption to the city
- We build future-proof, neutral infrastructure to accommodate multiple carriers and wireless technologies

Herndon Smart City Partners



Vivacity Networks is a communications infrastructure company that transforms assets into connected networks that deliver the future now. We invest in and develop open, competitive networks that enable next generation services, invite innovation and provide the foundation for smarter and more efficient cities.

About Vivacity

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