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Pennsylvania Partnership for 5G Launches to Support the Deployment of 5G Infrastructure throughout the State
Member organizations urge Harrisburg to enact legislation that
encourages predictability and uniformity of small cell installation across the Commonwealth

PITTSBURGH, PA – Today, a collection of Pennsylvania businesses, governments, trade associations, and nonprofits announced the formation of the PA Partnership for 5G. The Partnership aims to educate and promote the deployment of small cell nodes, the technology that will give smart device users access to 5G connectivity when it becomes commercially available in 2020.

Current members of the PA Partnership for 5G include the Pennsylvania Wireless Association, Greater Pittsburgh Chamber of Commerce, Allegheny County, Crown Castle, Pittsburgh Downtown Community Development Corporation, Pittsburgh Riverhounds SC, Pittsburgh Technology Council, Wall-to-Wall Studios, Technology Council of Central Pennsylvania, PerfectVision Manufacturing, Omni William Penn Hotel, Omni Bedford Springs Resort, AE Works, Philadelphia Alliance for Capital & Technologies, and the Philadelphia Fraternal Order of Police.

The introduction of 5G technology will dramatically improve the way we communicate with connections at least 40 times faster and four times greater capacity than 4G LTE. Moreover, driverless technology, robotic deliveries, first responder networks, traffic flow solutions, and other data-driven services will require 5G to operate efficiently. Pennsylvania does not currently have the infrastructure in place to allow individuals and businesses access to this technology.

"Consumers and businesses are already driving the demand for 5G, especially in dense, urban settings where 4G LTE no longer reliably meets the existing connectivity and data capacity needs. Through the formation of the PA Partnership for 5G, member organizations are sending a message to Harrisburg and to the nation that Pennsylvania is open for business and is ready and prepared to embrace the next generation of wireless technology," said Ashley Henry Shook, spokesperson for the PA Partnership for 5G.

"Today, it seems as if everyone is connected, yet we still experience break downs in communications because of the lack of a good, strong infrastructure for our wireless networks," said Allegheny County Executive Rich Fitzgerald. "A strong network ensures the safety of our residents, and provides the support needed for our emergency responders. It will also have an economic benefit in our community, as there is a human element to building out this infrastructure – everything from manufacturing to technology and labor will be a part of this effort."

With more mobile devices in the U.S. today than there are people, traffic on our networks and the demand for mobile data continues to grow exponentially.

"5G technology has the potential to alter the entire digital landscape," added Jay Brown, CEO of Crown Castle. "We must make wireless infrastructure, including the deployment of small cell technology, a priority if we want to ensure the Commonwealth stays competitive in efforts to attract the jobs of the future while also making sure existing residents and businesses benefit from all that 5G technology will offer."

The following statistics detail the impacts of 5G deployment:
- There will be 20.4 billion connected devices worldwide by 2020.[1]
- 80 percent of 911 calls are made from wireless devices, making reliable service critical for first responders and the community.[2]
- According to various studies, 5G technology will help create 3 million new jobs, $500 billion in GDP and $275 billion in private investment.[3]
- Mobile data traffic has grown 18-fold over the past 5 years and will grow 12-fold more by 2021.[4]
- 5G infrastructure market is estimated to reach $2.86 billion by 2020, before reaching $33.72 billion by 2026.[5]

Additional statements from PA Partnership for 5G members are attached.

About the PA Partnership for 5G
The Pennsylvania Partnership for 5G aims to educate different sectors about 5G technology and the infrastructure it requires. The Partnership intends to bring together various leaders from a diverse set of industries and communities to help forge a technologically progressive Pennsylvania.

Twitter: @partnership_pa
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1 Accenture Strategy: "Smart Cities: How 5G Can Help Municipalities become Vibrant Smart Cities"
2 NENA, 9-1-1 Association: "9-1-1 Statistics"
3 Accenture Strategy: "Smart Cities: How 5G Can Help Municipalities become Vibrant Smart Cities"
4 Research and Markets: "5G Infrastructure Market - Global Forecast to 2026"
5 Research and Markets: "5G Infrastructure Market - Global Forecast to 2026"