

Will 5G Close The Digital Divide? Assessing the Biggest Obstacles to Accelerated Deployment of High-Speed Broadband

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VIEW:

["WILL 5G CLOSE THE DIGITAL DIVIDE? ASSESSING THE BIGGEST OBSTACLES TO ACCELERATED DEPLOYMENT OF HIGH SPEED BROADBAND."](#)

TOPIC:

Policymakers and legislators from across the country are actively looking at the ways high-speed 5G networks will revolutionize our 4G world, changing the ways we conduct business and revolutionizing manufacturing with once unimaginable digital assets. 5G will provide robust, latency-free connections that will advance the lives of American consumers and businesses from the Rust Belt to Silicon Valley to Vermont and Maine.

To get there, 5G networks will require expanded infrastructure and spectrum to do their job. Today, the U.S. leads the world in commercial 5G deployments, with over 20 deployments in cities across America. The Administration, Congress and the FCC are making 5G infrastructure deployment a priority. But what specifically needs to be done before a fully connected 5G America becomes a reality?

Join the Digital Policy Institute ("DPI") for a conversation on the current state of 5G deployment and what is needed from regulators and the private sector to get the job done.

Speakers will discuss the innovations happening at the core of 5G networks, including the move to software-defined networks, actions taken by the FCC to make spectrum more readily available and how 5G will enable services ranging from digital manufacturing to autonomous vehicles and diverse virtual reality uses such as remote surgery.

This DPI webinar features a panel of nationally-recognized experts to discuss the path to 5G in the U.S.

Panelists include:

- **Stephanie Hall**, Director of Innovation Policy at the National Association of Manufacturers (NAM)
- **Fred Campbell**, Director of Tech Knowledge, former Chief of the Wireless Telecommunications Bureau at the Federal Communications Commission (FCC)
- **Peter Rysavy**, President of Rysavy Research LLC, former executive director of a national wireless technology association
- *Moderator: Barry Umansky*, Senior Fellow and Senior Policy Advisor, Digital Policy Institute

BIOGRAPHIES OF PANELISTS AND MODERATOR:

Stephanie Hall is the Director of Innovation Policy at the National Association of Manufacturers (NAM), the largest manufacturing association in the United States and one of the nation's most influential advocates for manufacturing. In this role, she works with member companies, government agencies, the White House, Congress, and industry to advance the NAM's priorities on innovation, technology, and immigration issues. Before joining the NAM in 2018, Stephanie was Senior Counsel for the Senate Permanent Subcommittee on Investigations for Chairman Rob Portman. She previously served as Counsel to Senator John McCain, advising him on cybersecurity, technology, telecommunications, immigration and homeland security issues.

Fred Campbell is Director of Tech Knowledge, a Senior Policy Advisor with Wireless 20/20, and an adjunct professor in the Space, Cyber, and Telecommunications Law LL.M program at the University of Nebraska College of Law. Mr. Campbell was formerly Executive Director of the Center for Boundless Innovation in Technology, a Fellow and Director of the Communications Liberty and Innovation Project at the Competitive Enterprise Institute, President and CEO of the Wireless Communications Association International, Chief of the Wireless Telecommunications Bureau at the Federal Communications Commission (FCC), and Wireless Legal Advisor to FCC Chairman Kevin Martin. He has also served as a judicial clerk for Nebraska Supreme Court Justice William M. Connolly and an Arabic linguist in the 101st Airborne Division of the United States Army. Mr. Campbell earned a Diploma in Modern Standard Arabic at the Defense Language Institute, a B.A. from Excelsior College, and a J.D., with high distinction, from the University of Nebraska College of Law.

Peter Rysavy is the president of Rysavy Research LLC, a consulting firm that has specialized in wireless technology since 1993. Projects include analysis of spectrum requirements for mobile broadband, reports on the evolution of wireless technology, evaluation of wireless technology capabilities, strategic consultations, system design, articles, courses and webcasts, network performance measurement, test reports, and acting as expert in patent-litigation cases. Clients include more than 75 organizations.

Peter is a broadly published expert on the capabilities and evolution of wireless technology. He has written more than 180 articles, reports, columns, and white papers, and has taught more than 40 public wireless courses and webcasts. He has also performed technical evaluations of many wireless technologies including cellular-data services, municipal/mesh Wi-Fi networks, Wi-Fi hotspot networks, mobile browser technologies, wireless e-mail systems, and social networking applications.

From 2000 to 2016, Peter was the executive director of the Wireless Technology Association, an industry organization that evaluated wireless technologies, investigated mobile communications architectures, and promoted wireless-data interoperability.

From 1988 to 1993, Peter was vice-president of engineering and technology at Traveling Software (later renamed LapLink) where projects included LapLink, LapLink Wireless, and connectivity solutions for a wide variety of mobile platforms. Prior to Traveling Software, he spent seven years at Fluke Corporation where he worked on data-acquisition products and touch-screen technology.

Peter Rysavy graduated with BSEE and MSEE degrees from Stanford University in 1979.

Barry D. Umansky is a professor in the Telecommunications Department at Ball State University and is a communications lawyer who has represented broadcasters and other electronic media and has had an extensive communications career in government and industry. Additionally, he is a senior fellow and the senior policy advisor with the Digital Policy Institute, a communications research and analysis “think tank” located at Ball State University in Indiana. DPI regularly produces white papers and op-ed pieces on communications policy matters. Umansky produces and moderates, several times each year, DPI’s national video webinars.

After work at radio and TV stations in the Midwest during college and law school, he served for seven years as an attorney doing communications policy work at the Federal Communications Commission in Washington, D.C. Mr. Umansky then became Deputy General Counsel with the National Association of Broadcasters (“NAB”) in Washington, D.C. During his twenty years at the NAB Legal and Regulatory Affairs Department, he had responsibilities for radio and television new technology and spectrum allocation issues, environmental and land use issues, station licensing and many other regulatory matters of key interest to broadcast stations and networks.

He has been a long-time member of the Federal Communications Bar Association (“FCBA”), including service as co-chair of its Mass Media Practice Committee. Umansky also served on the FCBA Foundation board for several years. He is a Past-President of the Kansas Association of Broadcasters Foundation, where he still serves as a board member. He also is a former board member and Past-President of the Broadcast Education Association, based in Washington, DC.