



## Pradman Kaul of Hughes Network Systems Receives 2021 AIAA Aerospace Communications Award

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### AIAA honors Kaul's leadership and achievements in VSAT satellite communications

GERMANTOWN, Md., Nov. 3, 2021 /PRNewswire/ -- [Hughes Network Systems, LLC](#) (HUGHES), an innovator in satellite and multi-transport technologies and networks for 50 years, announced today that American Institute of Aeronautics and Astronautics (AIAA) awarded Pradman P. Kaul, president and CEO of Hughes, the 2021 Aerospace Communications Award. Kaul received the award, which recognizes outstanding contributions in the field of aerospace communications, for his leadership in the creation and development of the very small aperture terminal (VSAT) and its significance to the satellite communications industry.



"Thank you to the AIAA for this honor. It reflects the innovations and contributions of a long line of engineers at Hughes with whom I have had the privilege of working," said Pradman P. Kaul, president and CEO at Hughes. "As we celebrate half a century since the start of Hughes, I continue to be amazed and humbled by what our industry has accomplished and how much we still stand to achieve."

A breakthrough technology in the 1980s, the VSAT commercialized satellite enterprise networks and effectively launched today's multi-billion-dollar global satellite networking business. As of this year, Hughes has manufactured and shipped more than nine million VSAT terminals of all kinds for customers around the world, representing more than 50% of the global VSAT market share.

"Mr. Kaul played a pivotal role in the development of satellite industry innovations that deliver immeasurable economic and societal benefits every day to consumers, enterprises and governments worldwide," said Denis Curtin, Fellow, AIAA. "In an exciting time in aerospace communications, we're pleased to recognize his trailblazing work and a legacy that will echo across the industry for decades to come."

#### About Hughes Network Systems

Hughes Network Systems, LLC (HUGHES), an innovator in satellite and multi-transport technologies and networks for 50 years, provides broadband equipment and services; managed services featuring smart, software-defined networking; and end-to-end network operation for millions of consumers, businesses, governments and communities worldwide. The Hughes flagship Internet service, HughesNet<sup>®</sup>, connects more than 1.5 million subscribers across the Americas, and the Hughes JUPITER™ System powers Internet access for tens of millions more worldwide. Hughes supplies more than half the global satellite terminal market to leading satellite operators, in-flight service providers, mobile network operators and military customers. A managed network services provider, Hughes supports nearly 500,000 enterprise sites with its HughesON™ portfolio of wired and wireless solutions. Headquartered in Germantown, Maryland, USA, Hughes is owned by EchoStar. To learn more, visit [www.hughes.com](http://www.hughes.com) or follow HughesConnects on Twitter and LinkedIn.

#### About EchoStar

EchoStar Corporation (NASDAQ: SATS) is a premier global provider of satellite communication solutions. Headquartered in Englewood, Colo., and conducting business around the globe, EchoStar is a pioneer in communications technologies through its Hughes Network Systems and EchoStar Satellite Services business segments. For more information, visit [echostar.com](http://echostar.com). Follow [@EchoStar](#) on Twitter.

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