

**From:** [Donald Walker](#)  
**To:** [5GChallengeNOI](#)  
**Subject:** DoD 5G challenge  
**Date:** Tuesday, February 9, 2021 11:46:53 AM  
**Attachments:** [image004.png](#)

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Avanti is a US-owned, UK-based, satellite owner and operator. We are the UK and European lead agent for the development of 5G technology from space and, as such, welcome your initiative to ensure cooperation collaboration and interoperability. Through our current and past work with the UK and European Space Agencies we recognise that many of the aspects that you are interested in are related to the control management and orchestration of SDN and end-to-end service slices. We would welcome the challenge to explore these requirements further while also considering the higher layer aspects such as zero-touch-management, standards based management and orchestration (MANO) of VNFs, SDNs and slices along with any 5G protocol stack considerations. A number of metrics for these have already been defined in 3GPP such as service creation. We would propose to support your requirements in partnership with our colleagues at Peraton LLC, who would lead the engagement.

Please don't hesitate to let us know if you require any more information or if you would like a direct contact at Peraton to discuss this further.

With my best regards

Donald



**Be More**

**Donald Walker**  
**Director Government Sales**  
Avanti Communications  
Cobham House, 20 Black Friars Lane,  
London EC4V 6EB  
t. +44 (0)20 7749 8139  
m. +44 (0)746 915 1194  
w. [www.avantiplc.com](http://www.avantiplc.com)



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