Open Source in DARPA MTO Panel Discussion at GOMACTech 2020

Monday, March 16, 2020
1:00 – 2:40 PM
Town and Country Resort San Diego

Next-generation platforms that support the Department of Defense's (DoD) mission must leverage capabilities that can be developed in highly complex system-on-chip (SoC) platforms. Currently, the development cycle requires large design teams with expertise and access to tools in each specific facet of the design flow. The impact on the DoD's hardware design schedules are two-to-three times longer than commercial establishments.

The software design arena began with closed environments that limited modifications to help mature the technology. This approach tended to limit the development of capabilities for applications since the software had to be rebuilt by custom teams. Over time, the software community started to slowly embrace the opensource model as a way of allowing the innovation to keep up with the market requirements. This panel will explore the viability of an open source model for chip design in the DoD and commercial space