

DoD Microelectronics Access— Taking Holistic Action Before it's too Late

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DoD faces many challenges to achieving secure, low-cost, and long-term access to the microelectronics that our warfighters need now and in the future. For example, foundries are consolidating, chip order fulfillment time is increasing, supply chain data is lacking, quantifiable assurance methods and standards are not available, ... The Deputy Secretary of Defense recognized the seriousness of these problems and the need to take immediate, decisive actions to address them. She therefore chartered a Defense Microelectronics Cross Functional Team (DMCFT) to establish a comprehensive defense microelectronics strategy that includes a holistic DoD approach that strengthens the domestic microelectronics industrial base and a detailed plan to develop and transition microelectronics technology into DoD systems. This talk will provide details on DoD's microelectronics vision, the obstacles to achieving that vision, and what the DMCFT is doing to improve the situation.



BIO: Since 2016, Ms. Robin Brown is the Diminishing Manufacturing Sources and Material Shortages (DMSMS) and Parts Management Program Manager for the Office of the Secretary of Defense. She chairs a 400-person combined industry and government Parts & Material Management Working Group that is currently pursuing a dozen strategic objectives aimed at improving DMSMS and Parts Management across DoD. She was instrumental in the publication of DoDI 4245.15 on DMSMS Management that filled a nearly 45-year gap in stand-alone DMSMS policy. She is also responsible for the SD-19 Parts Management Guide, SD-22 DMSMS Guidebook, SD-23 Item Reduction Guidebook, and the SD-26 DMSMS Contract Language Guide. In addition, Ms. Brown is a core member of the Defense Microelectronics Cross Functional Team (DM CFT) that was established by the Deputy Secretary of Defense to develop a DoD strategy, implementation, and transition plan that will minimize vulnerabilities within the Department's microelectronic supply chain. Ms. Brown continues to empower the Services to succeed by being their Champion in DMSMS and parts management.

Previously, Ms. Brown was the NAVAIR DMSMS Lead where she established a core centralized Team that won the DoD DMSMS Team of the Year Award in 2014 and 2015 and helped NAVAIR avoid spending over \$1 billion dollars by managing obsolescence proactively. While at NAVAIR for 15 years, she provided obsolescence support to all 35 NAVAIR Program Offices, served as co-chair of the DoN DMSMS Working Group, and received the Navy Meritorious Civilian Service Award. She won the 2013 DoD DMSMS Individual Achievement Award in recognition of her contributions to the DoD DMSMS Working Group.