IRVING (MAC) TOWNSEND JR
CDO and Tech Dir for CIO Engineering

Mr. Irving (Mac) Townsend Jr. serves as the Chief Data Officer and Senior Technical Director for Engineering within the Office of the CIO. He provides technical and operational advice and senior technical review regarding DIA and Department of Defense Intelligence Information System (DoDIIS) information architectures, data processing, information technology systems, applications, networks and communications. He serves as a senior technical interface for engineering to the military services, combatant commands, and agencies. He is the technical lead for the DIA MARS project ensuring that DIA's next generation of data/apps/services incorporate machine assisted capabilities. He directs implementation of the DIA data source and capability priorities. He works with DIA Chief Technical Officer on technology futures. Mr. Townsend was appointed to the Defense Intelligence Senior Level in April 2006.

Mr. Townsend has over 30 years of experience in leading, implementing and/or managing information technical and technology organizations and applying information technology in commercial and Government/Defense intelligence production and dissemination processes. Prior to his appointment as a senior executive with DIA he was the chief Pacific Regional Support Center Architect providing technical and operational advice on all matters related to the management of hardware/software assets, intelligence community data sharing, interoperability, and accessibility for a comprehensive DoDIIS enterprise.

Recent projects include designing and implementing an unclassified telework environment for DIA to use during and post COVID; FVEY dataflows and interoperability; Common Data Fabric for US Military data exchange; next generation of DIA storage and desktop architectures; migration of data center data and applications from St. Louis to Colorado and; contract strategy for DIA multi-vendor cloud adoption (C2E). Ensured delivery of Ukrainian data into MARS and delivery of the Order of Battle module. Chief Technology Officer from summer 2020 to spring 2021 streamlining technical innovation to DIA mission priorities. Established DoD Forward Element Ukraine and ensured relevant intelligence dissemination. Driving Pacific Pivot providing mission critical data and applications via a resilient synchronized multi-node edge data center construct.