



Department of Defense Manufacturing Technology Enterprise

Joint Defense Manufacturing Technology Panel | More Details at www.DoDManTech.mil

Legislative Foundation

United States Code
Section 4841 of Title 10

Established 1956

MISSION

Anticipate and close gaps in manufacturing capabilities for affordable, timely, and low-risk development, production, and sustainment of defense systems through technology development and adoption and training.

VISION

Responsive, world-class manufacturing capability to affordably and rapidly meet warfighter needs throughout the defense system life cycle.

Governance

OVERSIGHT

Office of the Secretary of Defense Manufacturing Technology Program

- Oversees Department of Defense Manufacturing Technology Program
- Principal on the Joint Defense Manufacturing Technology Panel
- Manages the Manufacturing Science and Technology Program
- Leads public-private partnerships with DoD Manufacturing Innovation Institutes
- Advances DoD Manufacturing Education and Workforce Development
- Collaborates with Federal agencies on domestic manufacturing initiatives

PLANNING & COORDINATION Joint Defense Manufacturing Technology Panel

- Identify and integrate requirements
- Conduct joint program planning
- Develop joint strategies
- Coordinate between Manufacturing Technology program components

Member Composition

The Joint Defense Manufacturing Technology Panel (JDMTP) coordinates and facilitates collaboration within the Department of Defense Manufacturing Technology Program. The panel comprises directors and senior managers from DoD ManTech components listed below, with a rotating chairmanship. It also includes non-voting, ex officio representatives from various agencies.



OFFICE OF THE SECRETARY OF DEFENSE

Manufacturing Technology Program

**The JDMTP reports on manufacturing technology issues of multi-service concern and receives direction from the OSD Manufacturing Technology Program*



ARMY

Manufacturing Technology Program



NAVY

Manufacturing Technology Program



DEPARTMENT OF THE AIR FORCE

Manufacturing Technology Program



DEFENSE LOGISTICS AGENCY

Research and Development

Ex Officio Members

- Missile Defense Agency
- Department of Commerce
- Department of Energy
- Defense Advanced Research Projects Agency
- National Aeronautics & Space Administration
- United States Coast Guard

Execution

The JDMTP uses subpanels and working groups (composed of ManTech Components and industry members) to review projects and identify investment opportunities in support of the DoD ManTech mission. JDMTP Subpanels have specific requirements like service representation and a vote to close, while Working Groups are more flexible with limited lifespans and different operating rules.

Subpanels



Working Groups



Department of Defense Manufacturing Innovation Institutes

The DoD's Manufacturing Innovation Institutes aim to boost U.S. manufacturing and military strength by fostering public-private partnerships. They achieve this through three main objectives: advancing research and development for innovation and military modernization, revitalizing the defense industrial base to improve national competitiveness, and promoting workforce development to prepare Americans for future jobs.





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Office of the Secretary of Defense Manufacturing Technology Program

Reports to the Under Secretary of War for Research and Engineering

The Office of the Secretary of Defense (OSD) Manufacturing Technology Program is within the Office of Under Secretary of War for Research and Engineering and is responsible for administering the Department of Defense Manufacturing Technology Program by providing central guidance and direction to the component ManTech Programs (10 U.S. Code § 4841). To execute this mission, OSD ManTech operates an investment portfolio and collaboration engine.

Investment Portfolios

Program Element 0603680D8Z: Defense-Wide Manufacturing Science & Technology

P350 – Department of Defense Manufacturing Innovation Institutes

These competitively-awarded, public-private partnerships are defense-relevant, industry-led, and positioned to deliver value to our nation and Warfighter by: advancing American innovation through research and development to promote military modernization; growing manufacturing ecosystems to enhance the nation’s competitiveness; and furthering workforce development to leverage the full talent of the nation.

P351 – Manufacturing Education and Workforce Development Program

Provides guidance, coordination, and investment to strengthen the advanced manufacturing workforce.

P680 – Manufacturing Science and Technology Program

Advances cross-cutting defense manufacturing needs – *beyond the ability of a single military service to address* – to de-risk service-focused investments, stimulate manufacturing processes, and improve enterprise business practices.

Program Element 0604125D8Z: Advanced Manufacturing Components & Prototypes

P232 – Advanced Manufacturing Components and Prototypes

Starting in FY25, OSD ManTech’s Advanced Manufacturing Components and Prototypes program will help transition promising advanced manufacturing technologies to higher manufacturing readiness levels via component and prototype development. Projects under this program element will advance critical technologies, including those with dual-use commercial applications.

Manufacturing Collaboration Engine

Joint Defense Manufacturing Technology Panel

The official convening body for the DoD ManTech Program chartered to identify and integrate joint requirements, conduct joint program planning, and develop joint strategies across the component ManTech programs.

Joint Additive Manufacturing Working Group

A cross-cutting defense community focused on maximizing the application of additive manufacturing in support of the Warfighter and sustainers.

White House Subcommittee on Advanced Manufacturing

A forum for coordination and planning among Federal agencies regarding advanced manufacturing policy, programs, and budget guidance.

Manufacturing USA

A legislated network of Federal agencies, their manufacturing institutes, and industry partners united to drive advancement in manufacturing technology and workforce.

Department of Defense Manufacturing Innovation Institutes

