IMEC The Defense Manufacturing Supply Chain: **Critical to the U.S. Economy and National Security**

MADE STRONGER WITH MEP NATIONAL NETWORK™ SUPPORT

Contribution of Defense Contract Spending to State Economies -0 0--. DEFENSE CONTRACT SPENDING DOLLARS AS PERCENTAGE OF STATE GDP: **TOP 10 STATES** Virginia 6.0% Connecticut 5.4% Alabama 3.7% Maryland 3.5% 3.1 - 6.0% Maine 3.1% 2.1 - 3.0% Mississippi 2.9% 1.1 - 2.0% **District of Columbia** 2.8% 0.0 - 1.0% Kentucky 2.7% Alaska 2.5% Source: DoD Office of Economic Adjustment, Defense Spending by State, FY 2017; Arizona 2.5% US DOC Bureau of Economic Analysis

Challenges Faced by the Defense Supply Chain

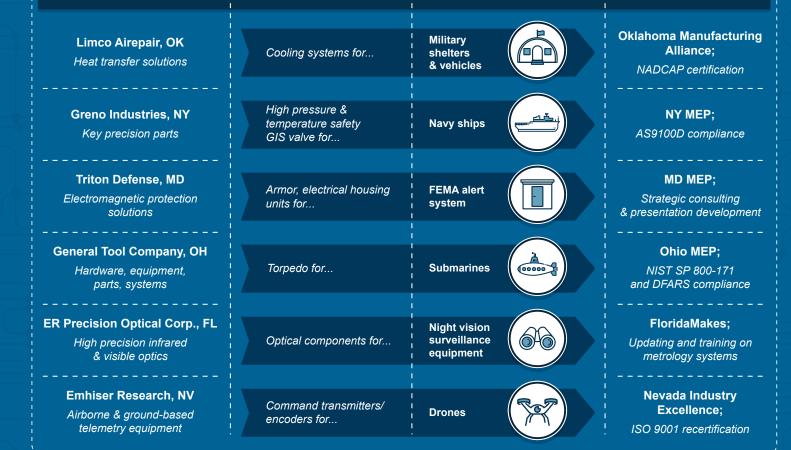
Defense Federal Acquisition Regulation **Business Challenges Identified** The Aging Workforce in Supplement (DFARS) Compliance by MEP Center Clients in the Aerospace and Defense Awareness (Survey of NDIA members) **Defense Supply Chain** Cost 68% of the A&D workforce is over the age of 41. Are Aware of Mandatory 67% 64% Reduction **DFARS** requirement **• • • • • •** Employee 58% **Have read DFARS** 60% Recruitment requirement document Growth 50% **Found DFARS requirements** 46% Opportunity difficult to understand Ů Ũ Ũ Ũ Ũ Ũ \square Source: National Defense Industrial Association, Product Implementing Cybersecurity in DoD Supply Chains - White Paper, July 2018 43% Development Source: 2017 Aviation Week Workforce Study

Manufacturing's Contribution to the Defense Supply Chain (AND HOW THE MEP NATIONAL NETWORK HELPS)

MEP Center **Client Company** Material, Component, or Subsystem Supplied

Defense/National Security System where Used

MEP National Network Support for Company



Emerging Technologies Identified as Critical for National Defense

DOD NEEDS THE DEFENSE INDUSTRIAL BASE TO SUPPORT SCALE UP AND INNOVATION IN:



Hypersonics



Directed-Energy Weapons



Cyber



Artificial Intelligence/ Machine Learning



Quantum Science



Fully Networked

Command, Control,

& Communications



Microelectronics

Source: 2018 Industrial Capabilities Annual Report to Congress









www.imec.org 888.806.4632