

October 1st, 2021

Headline: The Cybersecurity Manufacturing Innovation Institute celebrates Manufacturing Day (MFG Day) alongside fellow Manufacturing Innovation Institutes around the nation

The Cybersecurity Manufacturing Innovation Institute (CyManII), in partnership with the U.S. Department of Energy (DOE), is proud to celebrate the manufacturers who make the products that keep us safe, enrich our lives, strengthen our economic and national security, and provide countless opportunities for our communities and workforce. Each year, Manufacturing Day (MFG Day) dedicates its efforts to show students, parents, and the public what modern manufacturing is all about. As the fourth industrial revolution is rapidly changing our nation, new advanced manufacturing technologies are bringing thousands of opportunities and jobs which require a skilled workforce.

Funded by the Department of Energy, CyManII's addresses the fundamental, hard challenges of cybersecurity within the manufacturing and cybersecurity sectors of our nation's infrastructure. As mentioned by the White House Administration, the U.S. manufacturing and energy critical infrastructure ecosystems are at high risk to cyber-attacks and thus, promote the U.S. manufacturing sector as the number one target for nation-state cyber-attacks.

“CyManII recognizes that to transform the manufacturing industry we must provide workforce development at scale to reach manufacturers where they exist today to upskill and reskill their workforce,” said **CyManII Chief Executive Officer Howard Grimes**. “To protect U.S. companies from cyber-attacks is a massive workforce development effort must be launched.”

Investing its technical expertise and efforts into developing a *state-of-the-art* secure manufacturing architecture that is Energy Efficient (ϵ) Pervasive, Unobtrusive, Resilient, and Economical (ϵ -PURE), CyManII has begun the work necessary to research, implement and educate manufactures on the evolving threat vectors in order to protect U.S companies from current and future cyber-attacks as well as an increase in overall equipment energy efficiency to provide manufacturers more productivity and more profit. With over **114 specialized Cyber R&D Facilities; 120 technical experts and cyber engineers; 60 manufacturing testbeds; over 50 partners** ranging from national laboratories, universities, industries, non-profits, and government entities; **five institutional foundational tasks (IFTs) including our Trustworks-aaS, which comprises our workforce development plans and services;** and a full leadership and operational team, CyManII is becoming one of the fastest-growing Manufacturing Innovation Institutes (MII) in the country.

“Over time, CyManII will align the implementation of these efforts, on both legacy and new systems, with a highly trained workforce capable of defending U.S. companies and manufacturers over the next decades. We are proud to celebrate manufactures across the nation,” said Grimes.

Together with the National Association of Manufacturers, The Manufacturing Institute, MEP Centers, and federal agency partners, the Manufacturing USA network will celebrate the manufacturers who make the products that keep us safe, enrich our lives, strengthen our economic and national security, and provide countless opportunities for our communities and workforce.

CyManII is funded by the Office of Energy Efficiency and Renewable Energy's Advanced Manufacturing Office (AMO) and co-managed with the Office of Cybersecurity, Energy Security, and Emergency Response (CESER).