

August 26, 2021

Headline: The Cybersecurity Manufacturing Innovation Institute receives national recognition by the White House Cybersecurity Summit for its national cybersecurity efforts, supported by The University of Texas at San Antonio and UT System.

On Wednesday, [The Cybersecurity Manufacturing Innovation Institute \(CyManII\)](#) was recognized by President Joe Biden and the White House Administration during his address given to the Cybersecurity Summit. Focusing efforts on how the U.S. public and private sector entities have been attacked in various high-profile cybersecurity incidents by increasingly facing sophisticated malicious cyber activity demonstrated, President Biden addressed the cybersecurity threats and incidents that are currently affecting the nation and discuss how the government, education, and private sectors can work together to improve the nation's cybersecurity.

The University of Texas System Chancellor James B. Milliken, alongside other education and business leaders, was invited to the White House on Wednesday to [meet with President Joe Biden](#) and members of his cabinet and national security team. During this meeting, Milliken announced how UT institutions will expand existing and develop new short-term credentials in cyber-related fields to diversify and strengthen America's cybersecurity workforce, including the technical research, industry implementation, and workforce development efforts made by the Cybersecurity Manufacturing Innovation Institute (CyManII), supported by The University of Texas at San Antonio.

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, 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.

"CyManII will introduce new cyber-informed, secure-by-design architectures and we will align the implementation of these architectures, on both legacy and new systems, with a highly trained workforce capable of defending U.S. companies and manufacturers over the next decades," said Grimes.

With over **114 specialized Cyber R&D Facilities; 100 technical experts and cyber engineers; 60 manufacturing testbeds; 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.

According to the White House, about half-a-million cybersecurity jobs are currently unfilled, while organizations and businesses of all sizes increasingly face sophisticated cyber attacks that cost the U.S. billions of dollars each year.

Already on the path toward establishing expectations for quality security that will be followed and highly respected by OEMs, SMMs, OTs, and integrators, CyManII is overcoming common barriers and gaining national attention in order to re-establish the United States as a proactive global innovator for manufacturing, cybersecurity, and energy efficiency; attaining cyber innovation to secure U.S. manufacturing.

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 \(CESER\)](#).

Learn more about the [Cybersecurity Manufacturing Innovation Institute](#).

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