



MICHIGAN

means **automotive** success

Michigan is the global center of automotive technology. Connect to the next generation of automotive innovation as well as leverage world-class research, manufacturing and technology assets.

Home of the greatest concentration of skilled and engineering talent in the world; talent that fuels nearly 23% of U.S. auto production¹, 63 of the top 100 North American auto suppliers², and more than 14,000 manufacturing facilities³.

Powered by more than \$2.1 billion in R&D expenditures in our public university system⁴, **76% of North American automotive R&D** takes place in Michigan⁵.

Michigan is **home to 370 automotive R&D centers**⁶, 120 owned by companies based outside the U.S.⁷

Michigan leads the world in the **development and integration of intelligent connected vehicles**, with the most extensive system of test beds in the world and more projects than any other U.S. state⁸.

Michigan's two federally funded advanced materials development centers partner with industry to **industrialize the next generation of high-volume lightweight automotive materials**.

16 of the state's universities and colleges have nationally ranked undergraduate engineering schools. Michigan's post-secondary institutions collectively offer **more than 650 automotive-focused programs**.

Michigan is the **largest producer of powertrains** in the U.S.⁹

The Michigan Automotive Office drives action to support the industry. The office is housed at the Michigan Economic Development Corporation (MEDC), the state's lead advocate for business and community development. Contact us at medceconomic@michigan.org or 888.522.0103.

VISIT michiganbusiness.org AND FIND OUT MORE

¹ Center for Automotive Research, April/May 2015

² Center for Automotive Research, July 2015

³ Michigan Manufacturers Directory, 2015

⁴ Anderson Economic Group, 8th Annual Economic Impact & Benchmark Report

⁵ Center for Automotive Research, July 2015

⁶ Ibid

⁷ MichAuto

⁸ Ibid

⁹ Center for Automotive Research, June 2015



MICHIGAN

means **cybersecurity** success

Michigan has developed a robust cybersecurity community focused on connecting the interests of the cyber, automotive, defense, and aerospace industries.

Michigan's Cybersecurity Initiative is **the world's first comprehensive state-level approach to cyber**, improving the state's defenses and fostering rapidly growing cyber talent and business environments.

The **Michigan Cyber Range**, powered by Merit, Michigan's Research and Education Network since 1966, offers a virtual, unclassified platform for cyber exercises, product testing, and digital forensics, as well as 17 professional certifications based on the National Initiative for Cybersecurity Education (NICE) framework.

Michigan is home to the 32-acre MCity, **the world's first controlled test environment for intelligent connected vehicles**, which will revolutionize the movement of people and goods worldwide.

Key Department of Defense R&D and procurement facilities are located in Michigan to support developing **dual-use technologies that have both commercial automotive and military applications**.

SAE Michigan Cyber-auto Challenge pairs high school students with professionals to participate in **virtual hacking exercises to develop auto and cyber specific talent** as well as mitigate risk in cyberautomotive development.

Michigan Economic Development Corporation supports the intelligent transportation and cybersecurity industries through our Michigan defense and automotive offices.

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