

# ECONOMY OF THE FUTURE Artificial Intelligence

| iLight High-Speed Fiber | IU Big Red Super Computer | Luddy AI Center | Trusted AI | Indy Autonomous

## ASSETS THAT POWER DEVELOPMENT AND ADVANCEMENT

Significant investment, innovation and assets have positioned Indiana as the center of intelligence to test, build and scale the world-changing AI advances that are transforming the tech economy. We have what it takes to lead the AI revolution.

Our asset-rich ecosystem is peerless in supporting and facilitating AI advancement at every level: **Tech companies have committed to invest more than one trillion dollars over the next five years**, and Indiana is poised to capture a leading share of that investment with our unrivaled network of academic research partners connected by a global fiber network and driven by one of the world's fastest supercomputers.

If your next project is centered around AI and Deep Machine Learning and you're ready to connect with industry and university-driven talent and R&D, let Indiana position your idea to compete and win in this new global frontier.

### iLight

Indiana's high-speed fiber-connected research network of 40 preeminent institutions draws on the power of over 2,000 miles of fiber across the state, supporting the highest level of collaboration and connection.

**40+**  
CONNECTED INSTITUTIONS

**160+**  
COMBINED YEARS OF  
EMPLOYEE EXPERIENCE

**2,000+**  
MILES OF FIBER ACROSS  
THE STATE OF INDIANA



### I-Light Network map 2023

- Member Connections
- 100G Backbone Fiber
- PoP, Optical, Switching, Routing
- PoP, Optical Amplifier
- Fiber Splice Point
- PBS Stations
- Members Awarded NSF CCIIE Grant



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## Big Red 200 Supercomputer

With one of the fastest university supercomputers on the planet, Indiana's academic-led researchers can leverage 64 GPU-accelerated nodes to accelerate AI and Deep Machine learning—computational horsepower that drives higher performance and attracts top researchers in the field.



## Luddy AI Center

The Luddy AI Center brings together more than 50 leading faculty and academic researchers and 25 labs and institutes to meet the challenges and opportunities of AI.



**50+**

FACULTY AFFILIATED  
WITH LAIC

**270+**

AI-RELATED  
PUBLICATIONS BY LAIC  
FACULTY SINCE 2020

**25+**

IU LABS, CENTERS,  
AND INSTITUTES  
CONDUCTING AI-  
RELATED RESEARCH

**\$45+M**

IN NEW AI-RELATED  
GRANTS, GIFTS, AND  
CONTRACTS TO LAIC  
FACULTY SINCE 2020

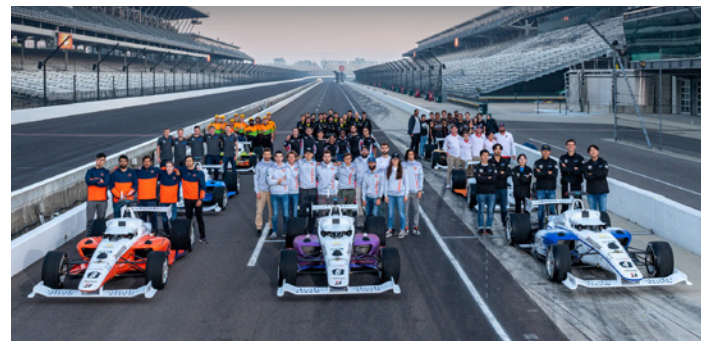
## Trusted AI Network

Crane Naval Surface Warfare Center is partnering with Indiana University, Purdue University and Notre Dame University to deliver trusted AI research and workforce development to ensure we have the talent you need to build and scale your next AI project in Indiana.



## Indy Autonomous Challenge

Indiana is accelerating the pace for AI development and applications for autonomous vehicles on the racetrack. Now in its third season, advanced sensor and LIDAR data are combining with AI for fully autonomous racing, breaking speed records and leveraging the world's top university-led teams to address "edge-case" scenarios for automated vehicle development. You can get an up-close look at CES 2024 with the only state-led autonomous racing activation.



## Data Center Support

Guided by one of the nation's most comprehensive data center strategies, Indiana provides state-wide fiber and power connectivity with 38 opportunity nodes for hyperscale developers. Long-term growth is also nurtured by sector-leading 50-year tax exemptions for qualified projects.

**25 YEAR**

TAX EXEMPTION ON  
INVESTMENTS LESS THAN  
\$750 MILLION

**50 YEAR**

TAX EXEMPTION ON  
INVESTMENTS OVER  
\$750 MILLION