



PROJECT ARES®

Circadence's Project Ares is an immersive, gamified cybersecurity learning platform that helps novice and seasoned cyber professionals keep their skills sharp against evolving cyber threats. Project Ares delivers persistent, true-to-life experiences that match and adapt to current threats. The platform uniquely combines machine learning, single- and multi-player exercises, and offensive and defensive missions that mirror real-life scenarios.



Delivers Unique Value

- Compelling back stories gamify cyber defense learning
- High-fidelity learning using functional virtual machines
- AI-powered advisor provides in-mission support
- Support for Windows, Linux and Industrial Control System devices
- Trainer view allows for real-time spectator or instructor engagement

Key Benefits

- Cost-effective and persistent
- Increased learner retention
- Improved job performance
- Assess prospective employees
- Upskill existing employees
- Trainer view supports skills assessment

Customers:



Enterprise



Government



Academic

State-of-the-Art Capabilities

Cybersecurity teams require real-time opportunities to practice skills and hone tactics. Project Ares is designed to appeal to the learning style of the next generation. Users can quickly and easily add new missions to address rapidly changing threats, tactics, and tools.



Skill & Tool Learning

- Evolving Mission Library offers varied difficulty levels
- Media Center houses educational videos and documents
- Game-like activities help hone specific skill sets



Team Learning

- Trainer view to shadow or engage players
- Chat service provided for advisor interaction and team play
- Player performance is recorded and awarded by a showcase of skills, trophies and badges



Cutting-Edge Machine Learning

- In-game advisor for guidance through game
- Automated scoring of player actions gives objective assessment
- Player actions drive models on best tactics

High-Fidelity Cyber Range Capability

- Each mission spins up an individual cyber range
- Public and private back-end cloud technology for mission storage
- HTML5 web browser client



Powered by Microsoft Azure

- Secure cloud environment
- Hyper-scalable and computationally elastic
- Accessible learning 24x7

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