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OPAL-RT Launches XYON: A Revolution in Sensor Perception Testing for Autonomous Systems

OPAL-RT TECHNOLOGIES, a global leader in real-time simulation, is proud to announce the launch of **XYON**, a groundbreaking solution designed to revolutionize camera sensor perception testing for autonomous systems.

A Breakthrough in Innovation

XYON represents a major leap forward in OPAL-RT’s mission to deliver cutting-edge solutions across various industries. Renowned for its innovative work in the energy and electrified transportation sectors, OPAL-RT is now expanding its expertise into the fast-growing autonomous systems market, addressing the critical challenges of camera sensor perception testing.

“This is an important milestone for OPAL-RT, bringing the innovation typically applied in the energy and transportation markets to this promising new sector of autonomous systems,” said Jean Bélanger, CEO of OPAL-RT TECHNOLOGIES. “XYON can make a significant impact on camera perception testing across diverse industries such as mining, robotics, transportation, and agriculture.”

“With the launch of XYON, OPAL-RT TECHNOLOGIES is demonstrating to the world that Quebec is a key player in the revolution of autonomous systems. Quebec’s entrepreneurial ecosystem doesn’t just follow trends—it innovates and creates them,” added Christopher Skeete, Quebec’s Minister for the Economy, Minister Responsible for the Fight Against Racism, and Minister Responsible for the Laval Region.



Key Features and Benefits of XYON:

- **Multi-Sector Applicability:** A versatile solution tailored to industries such as mining, robotics, transportation, and agriculture.
- **Enhanced Sensor Testing:** Unmatched reliability and precision to address the unique challenges of autonomous systems.
- **Innovative Technology:** Built on OPAL-RT's proven expertise in simulation and testing, tailored for the era of autonomous systems.
- **Seamless Integration:** Designed to meet the modern demands for precision and scalability in sensor perception testing.

About OPAL-RT TECHNOLOGIES

For over two decades, OPAL-RT TECHNOLOGIES has been at the forefront of real-time simulation and hardware-in-the-loop (HIL) testing. By bridging the gap between simulation and real-world applications, OPAL-RT empowers engineers and researchers to innovate in energy, automotive, aerospace, and now, autonomous systems sectors.

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OPAL-RT TECHNOLOGIES

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