PRESS RELEASE
For Immediate Release

Safety-Critical HMI Takes Center Stage At Embedded World with DiSTI

The DiSTI Corporation Demonstrates High-Performance Safety-Critical Graphics Solution with QNX and Toradex at Embedded World 2026.

Orlando, FL (March 9,2026) – The DiSTI Corporation, a global leader in safety-critical Human-Machine Interface (HMI) software and immersive training solutions, today announced a new safety-critical graphics demonstration. This combines GL Studio with QNX® OS for Safety, and Toradex Verdin systems powered by the NXP i.MX95 processor. This high-performance integrated solution will be showcased at the NXP booth (4A-222) during Embedded World. The event takes place March 10–12, 2026, in Nuremberg, Germany.

This demonstration highlights a fully integrated, safety-capable graphics stack designed to deliver superior runtime performance, scalability, and certification-readiness for mission-critical applications across the aerospace, defense, automotive, medical, and industrial markets.

At the core of the demo is GL Studio, DiSTI's immersive 2D and 3D graphics engine and HMI development platform. It supports Quality Management (QM) and Automotive Safety Integrity Level (ASIL) development processes. With over 30 years of proven deployment in safety-critical environments, GL Studio enables developers to create high-fidelity, certifiable user interfaces. It maintains deterministic performance and reliability.

"All of us at DiSTI are very excited to continue the long-standing collaboration with QNX, Toradex and NXP," said Chris Giordano, VP UX/UI Technology at DiSTI Corporation. "The safety critical nature of the demonstration and superior runtime performance, it speaks volumes to the quality of the entire hardware and software stack for use where quality, safety and security really matter."

The graphics engine operates on QNX OS for Safety, a pre-certified real-time operating system that is widely recognized for its functional safety and cybersecurity capabilities. It provides deterministic performance, robust system isolation, and a trusted foundation for safety-critical embedded systems. This makes it an ideal platform for applications that require compliance with rigorous functional safety standards.

"QNX stands at the forefront of the world's most innovative and reliable solutions, powering advancements in many safety-critical systems." said Romain Saha, Senior Director of Strategic

Alliances at QNX. “This demo highlights how QNX seamlessly integrates with DISTI’s solutions, enabling graphically rich, fault-tolerant, safety-certified, high performance embedded systems.”

The demonstration leverages the NXP i.MX95 processor running on a Toradex Verdin module. This setup provides high-performance compute capabilities alongside hardware-level safety features. The safety-capable hardware platform enables developers to achieve exceptional graphics performance. It also supports functional safety requirements and scalable system architectures.

"DiSTI and Toradex have built a powerful partnership over several years, evidenced by a growing list of joint customers who rely on GL Studio’s seamless performance on Toradex hardware.” Said Carlos Gonzalez, Director of Marketing, Ecosystem and Growth at Toradex. “Our deep technical integration with QNX and GL Studio ensures that developers can maximize their hardware’s potential while leveraging cutting-edge technology, such as the NXP i.MX95 processor available across our Verdin, Aquila, and SMARC families. We are excited to deepen our collaboration with QNX and DiSTI as we advance innovation in functional safety, robotics, and industrial automation."

Together, GL Studio, QNX OS for Safety, and the Toradex Verdin iMX95 system on module (SOM) creates a complete safety-capable graphics solution that enables:

- Immersive 2D and 3D safety-critical user interfaces
- Deterministic real-time performance for mission-critical applications
- Scalable deployment across embedded hardware platforms
- Safety-certifiable architecture supporting functional safety standards
- Optimized performance on next-generation embedded processors

This joint demonstration illustrates how developers can accelerate project timelines while complying with safety and cybersecurity requirements.

Experience this breakthrough demonstration for yourself at Embedded World 2026, NXP booth (4A-222). See how DiSTI’s GL Studio delivers high-performance, safety-critical graphics on next-generation embedded platforms. Visit us and discover the benefits firsthand.

Take the next step toward building safety-critical, high-performance interfaces today. Contact our team at sales@disti.com to learn how to get started with GL Studio or other DiSTI software development solutions.

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About DiSTI Corporation

The DiSTI Corporation is the world's leading graphical user interface software provider.
Our flagship product, GL Studio, delivers advanced high-performance 3D user interfaces to the aerospace and automotive industries. Leading global manufacturers such as Jaguar Land Rover, Hyundai MOBIS, Garmin, Boeing, NASA, and Lockheed Martin choose GL Studio for its performance, fidelity, and reliability in interface development and deployment. Whether for avionics, instrument clusters, infotainment systems, or flight simulators, GL Studio exceeds the developer's workflow and runtime performance demands.
Visit https://disti.com to learn more.

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