For Immediate Release

DiSTI Launches VE Studio 6.1 with Powerful Data Driven UI Engine and Simulation Enhancements

The new VE Studio release empowers developers with faster workflows, greater consistency, and improved simulation fidelity across virtual training solutions.

Orlando, FL (January 5, 2026) – The DiSTI Corporation, the world's leading provider of virtual training solutions, today announced the release of VE Studio 6.1, the latest evolution of its industry-leading virtual maintenance training development platform. This release introduces a new Data-Driven UI Engine, significant updates to the Simulation Engine, Physical Constraints, and Test Driver systems, a streamlined Variant System, and overall performance enhancements.

"VE Studio 6.1 continues our mission to simplify virtual training development while giving our customers the flexibility to deliver scalable, high-fidelity training systems," said Doug Classe, Director of Engineering at The DiSTI Corporation. "These new tools help our customers maintain consistent user experiences across entire product families, while accelerating the development of immersive, simulation-based learning environments."

Data Driven UI Workflow

The new Data-Driven UI Engine allows developers to create 2D user interface elements from a data file rather than manually in Unity, resulting in faster development cycles and a consistent UX design.

- Simplifies creation of support equipment icons and user-facing objects
- Reduces development time and rework across projects
- Enables reuse of immersive UI elements for consistent experiences across product lines
- Improves performance for both art and engineering teams

Physical Constraints Update

A redesigned system now enables direct management within Unity through a custom dialog, supporting "OR" constraints, bulk editing, and data storage in standalone data files. This update improves the process of defining and managing physical interactions in the virtual world.

Simulation Engine Update

VE Studio 6.1 introduces a new simulation development library containing standard methods and functions for faster, more consistent platform-level simulation development.

- Includes standard OnEnter, OnUpdate, and OnExit event methods
- Streamlined code interface increases portability and reuse across product lines

- Support for async/await simplifies authoring and maintaining simulation code
- Enables developers to implement system-level simulations more efficiently

Improved Variant System

Customers can now introduce custom splash screens for variant transitions, achieve reduced load times, and support mobile VR variants. This enhanced system supports future growth and ensures consistent experiences across a broader range of hardware, inspiring confidence in ongoing scalability and innovation.

Performance, Security, and Usability Enhancements

VE Studio 6.1 delivers notable performance improvements and critical security updates, including a Unity engine update to address known vulnerabilities and a complete source code scan to identify potential cyber risks. Updates to the Requirements Analyzer (RA) and Fidelity Matrix (FM) tools further enhance user experience and workflow efficiency.

Benefits for Customers

Developers can now dynamically generate 2D UI elements through the Data-Driven workflow, improving UX consistency across a family of delivered systems, making it ideal for large, complex training solutions such as multi-platform maintenance trainers and systems-of-systems simulations.

VE Studio commercial customers benefit from customizable, data-driven UI creation that enables brand-specific, immersive user experiences tailored to different end-user profiles, reducing time-to-delivery while maintaining design integrity.

Future-Ready Virtual Training Development

By modernizing the simulation engine and introducing data-driven design tools, VE Studio 6.1 helps organizations future-proof their virtual training ecosystems. Developers can rapidly prototype and scale virtual training systems while maintaining consistency and quality across a portfolio of products.

This release reflects DiSTI's continued innovation and investment in improving both developer experience and system performance.

To learn more about VE Studio and the solutions provided by DiSTI, please reach out to sales@disti.com

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About DiSTI Corporation

For over 30 years, DiSTI has been the global authority trusted by Defense companies to build

scalable training applications to increase student efficiency and throughput. Our diverse portfolio includes the U.S. Army, U.S. Air Force, U.S. Navy, U.S. Marine Corps, Air National Guard, along with worldwide array of foreign military partners, organizations and agencies who rely on DiSTI's expertise for the development of their training solutions. Visit https://disti.com to learn more.

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