Boom Supersonic Adopts GL Studio for Use in Supersonic Jet Avionics

Boom Supersonic partners with The DiSTI Corporation to use GL Studio safety-critical software to develop the avionics in history's first independently-developed supersonic jet

Orlando, FL (April 17, 2020) – As the world's leading provider of graphical user interface software for over 20 years, The DiSTI Corporation is pleased to announce that Boom Supersonic has selected GL Studio as the Human Machine Interface (HMI) software development tool of choice for its supersonic demonstrator program. The Colorado-based company is using GL Studio to develop the embedded avionics in its supersonic demonstrator XB-1, as well as the prototyping, training simulator and ground telemetry control room for the aircraft.

"XB-1's high pitch attitude at landing means that the pilot has to rely solely on the multifunction display with an integrated camera to see the runway," said Jeff Mabry, Chief Flight Test Engineer at Boom Supersonic. "We are excited to be using GL Studio software for such a safety-critical role in our cockpit. GL Studio has proven to be easily configurable and very reliable in all of our simulator development for the XB-1 flight deck."

XB-1 is the demonstrator airplane for Overture and a critical step toward mainstream supersonic travel. XB-1 will prove key technologies for safe, efficient, and sustainable supersonic travel. Developed with GL

-MORE-

Studio HMI software tools, XB-1 will be equipped with a primary display providing the pilot with all critical information in a single screen. This includes a forward-looking visual system to give pilots maximum visibility from the cockpit in addition to the primary flight displays, system synoptics and engine information visualization.

"Boom's adoption of GL Studio throughout their entire life cycle of XB-1 is the perfect use case for development efficiency," said Christopher Giordano, VP of UX/UI Technology at DiSTI Corporation. "All of us at The DiSTI Corporation are extremely honored to be part of this historic endeavor with Boom and we look forward to the commercial production of Overture in the very near future."

About The DiSTI Corporation

The DiSTI Corporation is the world's leading provider of graphical user interface software. Leading display designers trust GL Studio to deliver safety critical avionics, Heads-Up Displays, commercial automotive displays, and fully immersive HMI cockpit environments quickly and easily.

GL Studio delivers high-fidelity, feature-rich 2D and 3D graphical user interfaces for embedded systems and HMIs. The HMI development tool's flexible environment supports industry-standard 2D and 3D file formats, compatibility with modern 3D graphics hardware, and an industry-leading runtime engine. To learn more, please visit https://glstudio.com

About Boom

Boom Supersonic is redefining what it means to fly by building Overture, history's fastest commercial airliner. Boom's vision is to bring families, businesses, and cultures closer together through supersonic travel and make the world dramatically more accessible. Boom is the first commercial airplane manufacturer to commit to a carbon-neutral flight test program. The company is backed by world-class investors and has 30 aircraft on pre-order from Japan Airlines and Virgin Group. Founded in 2014, Boom has assembled a team of over 140 full-time employees who have made contributions to over 139 air and spacecraft companies. For more information, please visit https://boomsupersonic.com

Contact:
The DiSTI Corporation
Dawn Haulter - Global Marketing Manager
+1.407.206.3390 ext. 137
jhaulter@disti.com