

HII Expands Unmanned Capabilities by Acquiring Autonomy Business from Spatial Integrated Systems



An illustration of Spatial Integrated Systems' capabilities in unmanned systems. SIS' unmanned systems solutions, including multi-vehicle collaborative autonomy, sensor fusion and perception, have been fielded for more than 6,000 hours on 23 vessel types. Huntington Ingalls Industries

NEWPORT NEWS, Va. – Huntington Ingalls Industries (HII) has acquired the autonomy business of Spatial Integrated Systems Inc. (SIS), HII said in a Jan. 4 release. The acquisition further expands HII's unmanned systems capabilities with this highly skilled team and proven unmanned surface vessel (USV) solutions.

"We are excited to welcome the SIS autonomy business employees to the HII family," said Andy Green, HII executive vice president and president of Technical Solutions. "2020 was a significant year for HII in the unmanned systems industry, and this acquisition is the perfect complement to our existing portfolio and strategic partnerships."

"I am pleased that HII will carry on SIS's vision to deliver advanced autonomy to our armed forces in support of our national interest," said Dr. Ali Farsaie, CEO and founder of SIS.

SIS's unmanned systems solutions – including multi-vehicle collaborative autonomy, sensor fusion and perception – have been fielded for more than 6,000 hours on 23 vessel types. They have supported multiple development projects and demonstrations advancing autonomy in unmanned systems in the

maritime, ground and air domains.

“SIS is a leader in autonomous technology, and this acquisition adds significant breadth to our unmanned systems solutions,” said Duane Fotheringham, president of Technical Solutions’ Unmanned Systems business group. “This technology and the talented team provide unmatched capabilities in multi-domain collaborative autonomy and perception, allowing HII to uniquely address our customers’ needs.”

SIS’s solutions are actively in use throughout the Department of Defense, coordinating and controlling multiple collaborative unmanned vehicles in the execution of mission applications including intelligence, surveillance, and reconnaissance, harbor patrol, high-value unit escort missions, payload delivery, mine clearance, and transporting supplies. SIS’s intelligent, goal-oriented USV solutions follow Unmanned Maritime Autonomy Architecture standards and integrate proven obstacle avoidance and International Regulations for Preventing Collisions at Sea-compliant behaviors.

The acquisition of SIS’s autonomy business follows other recent unmanned systems activity by HII, including the acquisition of Hydroid, a strategic alliance with Kongsberg Maritime, an equity investment in Sea Machines, and the groundbreaking on a new HII Unmanned Systems Center of Excellence in Hampton, Virginia.

The transaction closed on Dec. 31, 2020, and approximately 50 employees from SIS, primarily located in Virginia Beach, Virginia, have joined HII Technical Solutions’ Unmanned Systems business group. Sam Lewis, president and chief operating officer of SIS, will lead the company’s USV efforts, reporting to Fotheringham. The cost of the transaction is not being disclosed.