

SiQEW 2026 & ICOSS 2026

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Songdo Convensia, Incheon, Korea

Exhibitor Introduction

Company Name	SDT Inc.	Company Logo
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Exhibitor Introduction	SDT is a quantum technology company developing full-stack quantum computing systems and related hardware infrastructure. The company’s Quantum Design and Manufacturing (QDM) model brings together measurement and control electronics, cryogenic systems and precision machining to support the design, production and integration of quantum hardware. Its systems are designed to work with customers’ high-performance computing environments and to support quantum research, testing and early industrial applications. SDT works with technology companies and research institutions to provide integrated quantum system development and deployment support, with a focus on improving the reliability and scalability of quantum technology infrastructure.	
Exhibit Description	SDT delivers full-stack QDM (Quantum Design and Manufacturing) capabilities for silicon quantum electronics, providing experiment-specific hardware and software. At SiQEW 2026, SDT presents a dilution unit designed and manufactured to a customer's specifications, as part of a cryogenic solution built for their experiment. From a single hardware component to a complete research infrastructure, SDT's products are engineered around the experiment they serve.	
Exhibit Product	Dilution Unit SDT's dilution unit reaches an uncompromising sub-Kelvin environment through an efficient heat exchanger design and stable mixed-gas circulation. It performs best when paired with SDT's high-density modular Gas Handling System (GHS), which packs valves, instruments, and gas pathways into their most compact form while making maintenance far more accessible. QDM Introduction QDM (Quantum Design and Manufacturing) delivers customized, high-precision hardware that plugs seamlessly into a customer's existing environments, covering the full stack from control and measurement electronics to cryogenic systems and precision machining. Delivered as proven end-to-end turnkey systems, it lets research institutions and global quantum partners reach full performance and scale right away.	