Tom Lubinski
Chief Software Architect
Quantum Circuits

Tom Lubinski has been employed as Chief Software Architect since 2016 at Quantum Circuits Inc., overseeing key developments in software architecture related to its advanced Quantum Computer Control System. He has been integrally involved in the development and compilation of quantum algorithms and benchmarks into intermediate-level assembly code which runs in the quantum computer hardware.

As Quantum Circuits's representative to the Quantum Economic Development Consortium (QED-C), in 2018 he assumed the role of Chairman of the Quantum Information Systems Technical Advisory Committee on Standards and Performance Metrics (Standards TAC) and was responsible for coordinating efforts of committee members in identifying ways in which development of standards for quantum technologies could benefit industry and the US in establishing a competitive position. In the last several years, he became lead of the TAC's Quantum Computing group and has focused on the development of application-oriented performance benchmarking techniques for quantum computing.

Prior to this, Tom had founded SL Corporation, which became a dominant provider of Real-Time Process Monitoring and Control Systems sofware to the aerospace, factory automation, energy, transportation, and telecom industries and worked as its CEO for three decades before selling the company.