

Dr Kong is currently the Global Director of Microsoft Cloud & AI in Redmond, Seattle, WA. He is taking care of Microsoft datacenter reliability strategy and long term planning, resource development and R&D on industry best practices in quality, reliability and maintainability. He is in Executive leadership for cost-effective availability of cloud infrastructure that focuses on equipment and system integration reliability, new hardware solution DFX, fault prognostics machine learning and telemetry, reliability-centered maintenance program scoping and planning, supplier reliability evaluation and full lifecycle continuous improvement.

Dr Kong has been working on reliability since 1995 where he was a reliability physicist in Hewlett Packard in Vancouver, Canada. He then joined Microsoft in 1998 working his way up from senior reliability engineer till now the Chief reliability engineer and Global Director overseeing the reliability of the datacenter. In between, he left Microsoft and worked as Director of DfR solutions that led and executed engineering consulting projects for over 40 U.S. and international clients in Consumer, Communication, Aerospace, Energy, Medical and IT industries. General management for U.S. West Coast and Asia-based businesses. Responsible for training, researching, consulting and execution on risk identification, evaluation and mitigation for both industry and research clients. He was also been a head of product engineering in Amazon web service that focused on product lifecycle strategy, risk management, new solution DFX, field events RCA & data analytics, and overall sustaining product quality/reliability programs.