David Long

David Long has spent over 20 years focused on enabling, applying, and advancing model-based systems engineering (MBSE) to help transform the state of the systems engineering practice. David is the founder and president of Vitech Corporation where he developed and commercialized CORE®, a leading systems engineering software environment used around the world.

A committed member of the worldwide systems community, David is president of the International Council on Systems Engineering (INCOSE), an 8000 member professional organization focused on sharing, promoting, and advancing the best of systems engineering.

Throughout his career, David has played a key technical and management role in refining and extending systems engineering to expand the analysis and communication toolkit available to systems practitioners. He continues to lead the Vitech team as they deliver innovative, industry-leading solutions to help organizations develop and deploy next-generation systems.

David has served INCOSE since 1997 including a term as the Washington Metropolitan Area chapter president and international roles including Member Board Chair, Director for Communications, and Director for Strategy. He is a frequent presenter at industry events worldwide delivering keynotes and tutorials spanning introductory systems engineering, the advanced application of MBSE, and the future of systems engineering. His experiences and efforts led him to co-author the book A Primer for Model-Based Systems Engineering to help spread the fundamental concepts of this key approach to modern challenges. In 2006, David received the prestigious INCOSE Founders Award in recognition of his many contributions to the organization.

David holds a B.S. in Engineering Science and Mechanics, as well as an M.S. in Systems Engineering from Virginia Tech.