Over the last twenty-five years Richard has led or helped create some of the most innovative game technology companies in the industry. He has served as a game technology consultant for a wide variety of industries including energy, healthcare, education and motion pictures. He is co-founder and CEO of a machine learning company called Tanjo Inc. At Aerospace giant Lockheed Martin he created and led a group of innovative engineers and designers across all mission areas called Virtual World Labs. Richard joined Lockheed Martin in 2007 with the acquisition of 3Dsolve, a North Carolina based computer game technology firm where he was founder and CEO. He also spearheaded the effort to use 3D visualization technologies to create virtual environments for movies including Warner Brothers' feature Fearless, a John Hay film titled The Steal, and Brian dePalma's blockbuster Mission: Impossible.

With computer gaming pioneer David Smith, Boyd co-wrote an industry-leading book on VRML technologies, called The Virtus VRML Toolkit, that was widely distributed and translated into three foreign languages. Boyd is also a children’s book author and is a graduate of the University of North Carolina at Chapel Hill.