Yasushi Fukuizumi joined Mitsubishi Heavy Industries (MHI) in 1982. He is currently the Executive Officer & Senior Executive Fellow, and Vice President of the Power Systems domain at MHI, which covers Fossil, Nuclear, Renewable Energy, Aircraft Engine, Oil & Gas Compressors and Marine Machinery businesses. Until recently, he also held the role of Senior General Manager of the Power & Energy Solution Business Division, which focuses on developing energy service solutions for the changing energy market, and was also a member of the board for Mitsubishi Hitachi Power Systems (MHPS). He has been in the Power Generation Gas Turbine businesses, followed by various strategic planning of the entire Power Systems business. He has also worked in the US operation of MHPS as Senior Vice President, from 2011-2015. Before his last assignment in the US, in April 2008, he was assigned as the manager for the department which was newly organized at MHI's headquarters, that pursues federated control of all MHI energy and environmental businesses. He participated in the formation of this new organization from the beginning and has been working for the corporate function until 2011, while making the recommendation to the Japanese government for the country's long term energy policy.

He graduated from the Faculty of Engineering, Aeronautics at Tokyo University, in 1982.