

Executive Biography - Seiji Izumisawa

Seiji Izumisawa is President & CEO, CSO of Mitsubishi Heavy Industries, Ltd. (MHI) effective April 1, 2019, where he leads one of the largest manufacturing and engineering companies in the world with over 80,000 employees worldwide, consolidated revenues of \$37 billion, and products ranging from power systems, aerospace and industry and infrastructure plants and machinery. He was promoted to this position from Member of the Board, Executive Vice President, Chief Strategy Officer, Head of Business Strategy Office.

Izumisawa joined MHI in 1981, starting his career in the Technology Management Department at MHI headquarters, where he worked on the management of technology trials and horizontal application of technologies across the entire company.



In 1985 he moved to Kobe Shipyard & Machinery Works, where we worked in the Space Project Department on projects including the space station and the foundation of Japan Manned Space Systems Corporation (JAMSS) to support NASDA (now JAXA).

In October, 1991, Izumisawa returned to MHI's Technical Headquarters and spent 21 years there devoting himself to the management of the company's overall technological administration. His major achievements during this time included shifting R&D resources to projects close to commercialization and building a mechanism to demonstrate their effectiveness. He also opened up an internally-focused R&D organization to one which successfully mixed external and internal resources, and brought together a localized and decentralized R&D structure into a centrally-managed organization. He rose to General Manager of the Technology Planning Department.

From 2013 to 2016, Izumisawa moved to Mitsubishi Motors Corporation, where he became Senior Executive Officer, and Member of the Board. He headed up the quality control function of that company where he implemented strict quality control processes and instilled a quality mindset among employees.

In 2016 he returned to MHI where he became Senior Vice President and Senior General Manager of the Technology Strategy Office, then becoming Member of the Board, Full-Time Audit and Supervisory Member in June 2017, then Member of the Board, Executive Vice President, Chief Strategy Officer, Head of Business Strategy Office in June 2018.

In his spare time, Izumisawa is a passionate practitioner of Kendo (a traditional Japanese martial art resembling fencing), and holds Kyoshi, the second highest rank in the sport. He and his wife have a daughter and a son.

Executive Biography - Shunichi Miyanaga

Shunichi Miyanaga is Chairman of the Board, Mitsubishi Heavy Industries, Ltd. (MHI) effective April 1, 2019. He was previously President and CEO, where he oversaw the growth of revenues from \$25 billion to \$37 billion, expanding the global workforce from 68,000 to 80,000 and doubling the number of employees outside Japan to 28,000.

Mr. Miyanaga began his career with MHI in 1972 at the Hiroshima Machinery Works immediately following graduation from the University of Tokyo. During over forty years with the company, he has held numerous management roles throughout MHI and has spent his career promoting global marketing, engineering and manufacturing efficiencies and customer-focused service strategies.



Notably, between 2000 and 2006, Mr. Miyanaga served as President and

CEO of Mitsubishi-Hitachi Metals Machinery, Inc. (MHMM), which was the first major joint venture entity formed by MHI and Hitachi Ltd. As President of MHMM, he successfully integrated the capabilities of two prominent organizations, fully realizing the synergies and advantages of the joint venture. MHMM has since formed a larger U.K. joint venture (Primetals Technologies Ltd.) with Siemens AG, which aims to be the industrial leader of the metals machinery business.

His management roles have also included appointment as General Manager of the Heavy Machinery Department, Machinery Headquarters in 1999 and as Executive Vice President, Head of Machinery & Steel Structures Headquarters in 2008.

He has been a member of the MHI Board of Directors since 2008, and in 2011, Mr. Miyanaga was appointed as Senior Executive Vice President and Head of the Presidential Administration Office. During this time as the senior executive officer assisting the President, he led management reforms and spearheaded the business integration of MHI's Power Systems Division with the power systems business of Hitachi Ltd.

Mr. Miyanaga was named the President and CEO of MHI on April 1, 2013, and has been serving as a non-executive board member of Mitsubishi Motors Corporation since June 2014. As of June 2, 2015, Mr Miyanaga also assumed the vice chairmanship of Japan Business Federation ("Keidanren").

Mr. Miyanaga was born in Fukuoka Prefecture, in the western part of Japan, in 1948. He holds a degree from the Faculty of Law department of the University of Tokyo and an MBA degree from the graduate business program at the University of Chicago (now known as Booth School of Business). His hobbies are playing tennis and golf, and before coming to the office every morning, he indulges himself with unsolved problems of Number Theory, etc. Mr. Miyanaga and his wife have two daughters.