

For the next big step in nano-tech



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# KOKUSAI ELECTRIC Group creates values through dialog and technologies with the aim of building a sustainable society that is safe, comfortable and energetic.

KOKUSAI ELECTRIC CORPORATION has made its fresh start as a pure play manufacturer of semiconductor manufacturing systems on June 1, 2018 under the capital of Kohlberg Kravis Roberts group after splitting from Hitachi Kokusai Electric Inc.

The market conditions of semiconductor are facing a major turning point as the entire semiconductor industry is experiencing a rapid demand increase by expansion of the memory market associated with a penetration of Internet of Things (IoT) to the society, growing demands of data centers and diversification of electric devices, as well as activation of the device market by artificial intelligence (AI), automated driving and currency mining, etc. The semiconductor equipment industry is also growing to the next phase along with these changes.

As we start the new company, our mission is to accommodate customers' needs in the changing market with the leading-edge technology based on our accumulated deposition technologies and become an industry leader. We, as an innovative corporation with the customers' perspective, are determined to move fast to provide high quality products and services, and make contribution to highly developed social infrastructures with our technology.

As always, I look forward to your continued support.

***Fumiyuki Kanai***

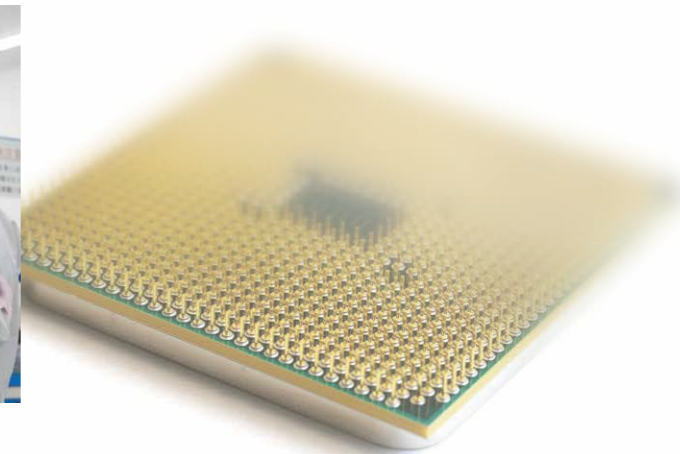
Representative Director, President and Chief Executive Officer



November	1949	Kokusai Electric Co., Ltd. was established
October	2000	Merged with Hitachi Denshi, Ltd. and Yagi Antenna Co., Ltd., and the company name was changed to Hitachi Kokusai Electric Inc.
March	2009	Hitachi Kokusai Electric Inc. became a consolidated subsidiary of Hitachi, Ltd. by way of a tender offer
December	2017	HKE Holdings Co., Ltd. acquired 26% of the shares of Hitachi Kokusai Electric Inc. by way of a public tender
May	2018	Hitachi Kokusai Electric Inc. became a wholly-owned subsidiary of HKE Holdings Co., Ltd.
June	2018	HKE Holdings Co., Ltd. took over the thin-film process solutions business of Hitachi Kokusai Electric Inc. by way of absorption-type company split, and the company name was changed to KOKUSAI ELECTRIC CORPORATION

# Using world-class coating technology to produce high-quality semiconductor manufacturing systems

Semiconductors are made by forming circuits on multiple layers of films, which are coated on the surface of silicon substrates (called wafers). This process of forming thin films on wafers, called as the thermal process, is the most important phase of making semiconductors. We, KOKUSAI ELECTRIC, produce semiconductor manufacturing systems that leverages world-class coating technology such as 10nm microfabrication technology close to the physical limit, delivering to the world's top manufacturers. Our semiconductor manufacturing systems enable the increasing high functionality and high performance of semiconductors.

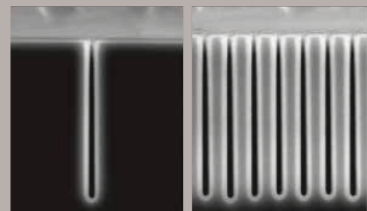


## Advanced Thermal Process Technology

KOKUSAI ELECTRIC is proud to introduce a novel, next generation deposition technique, Balance Controlled Deposition (BCD®).

The BCD® technique provides lower temperature processing and tighter process control for advanced small geometry devices while maintaining very high productivity, which can benefit a wide range of users and process applications.

### Excellent Step Coverage



\*BCD is a registered trademark of KOKUSAI ELECTRIC CORPORATION in Japan.

### Main Products

#### Batch Processing System



**TSURUGI-C<sup>2</sup>**  
High Quality / High Performance Thermal Process System



**AdvancedAce<sup>®</sup>-300**  
High Productivity Batch Thermal Process System



**VERTRON**  
Batch Thermal Process System for 200mm Wafers

#### Single Wafer Processing System



**MARORA<sup>®</sup>**  
Single Wafer Plasma Nitridation / Oxidation System



**TANDUO<sup>®</sup>**  
Single Wafer Annealing System



**Lambda300**  
Single Wafer Ashing System

\*TSURUGI-C<sup>2</sup> and AdvancedAce are registered trademarks of KOKUSAI ELECTRIC CORPORATION.

\*MARORA and TANDUO are registered trademarks of KOKUSAI ELECTRIC CORPORATION.

Overview

<b>Company Name</b>	KOKUSAI ELECTRIC CORPORATION
<b>Date of Establishment</b>	February 2, 2017
<b>Headquarters</b>	3-4, Kandakaji-cho, Chiyoda-ku, Tokyo 101-0045, Japan
<b>Representative</b>	Fumiyuki Kanai
<b>Paid-in Capital</b>	¥100 million
<b>Fiscal Year-end</b>	September 30
<b>Number of Employees</b> (as of September 30, 2019)	995 (non-consolidated) 1,940 (consolidated)
<b>Independent Auditor</b>	Ernst & Young ShinNihon LLC

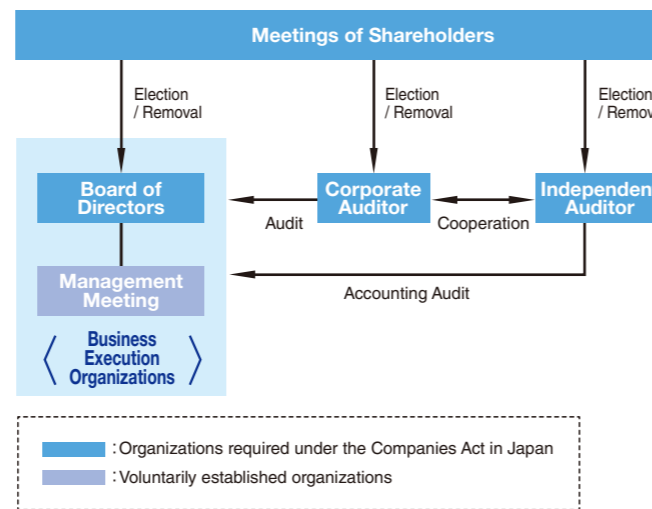
Organization



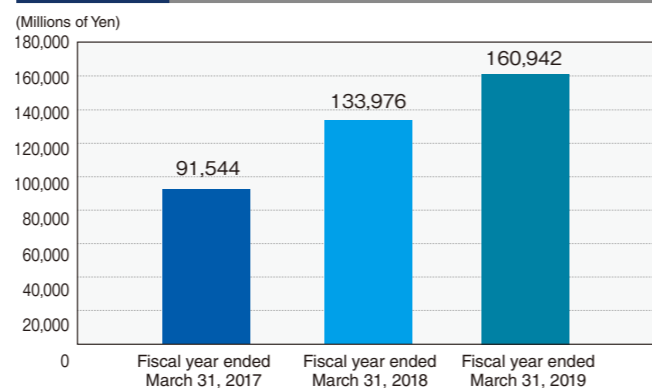
Directors, Corporate Auditor and Executive Officers

<b>Directors</b>	
Fumiyuki Kanai (Representative)	
Yuji Kamiya	
Hiroaki Kondo	
Eiji Yatagawa	
Masaki Nakamura	
<b>Corporate Auditor</b>	
Morio Murakawa	
<b>Executive Officers</b>	
Fumiyuki Kanai	President and Chief Executive Officer
Yuji Kamiya	Executive Vice President and Executive Officer Responsible for Corporate Management, Ethics & Compliance and Information Security
Unryu Ogawa	Senior Vice President and Executive Officer Responsible for Technology Development and Strategic Marketing
Hidehiro Yanagawa	Corporate Vice President and Executive Officer Responsible for Product Development, Production and Quality Assurance
Kazunori Tsukada	Corporate Vice President and Executive Officer Responsible for Sales

Corporate Governance

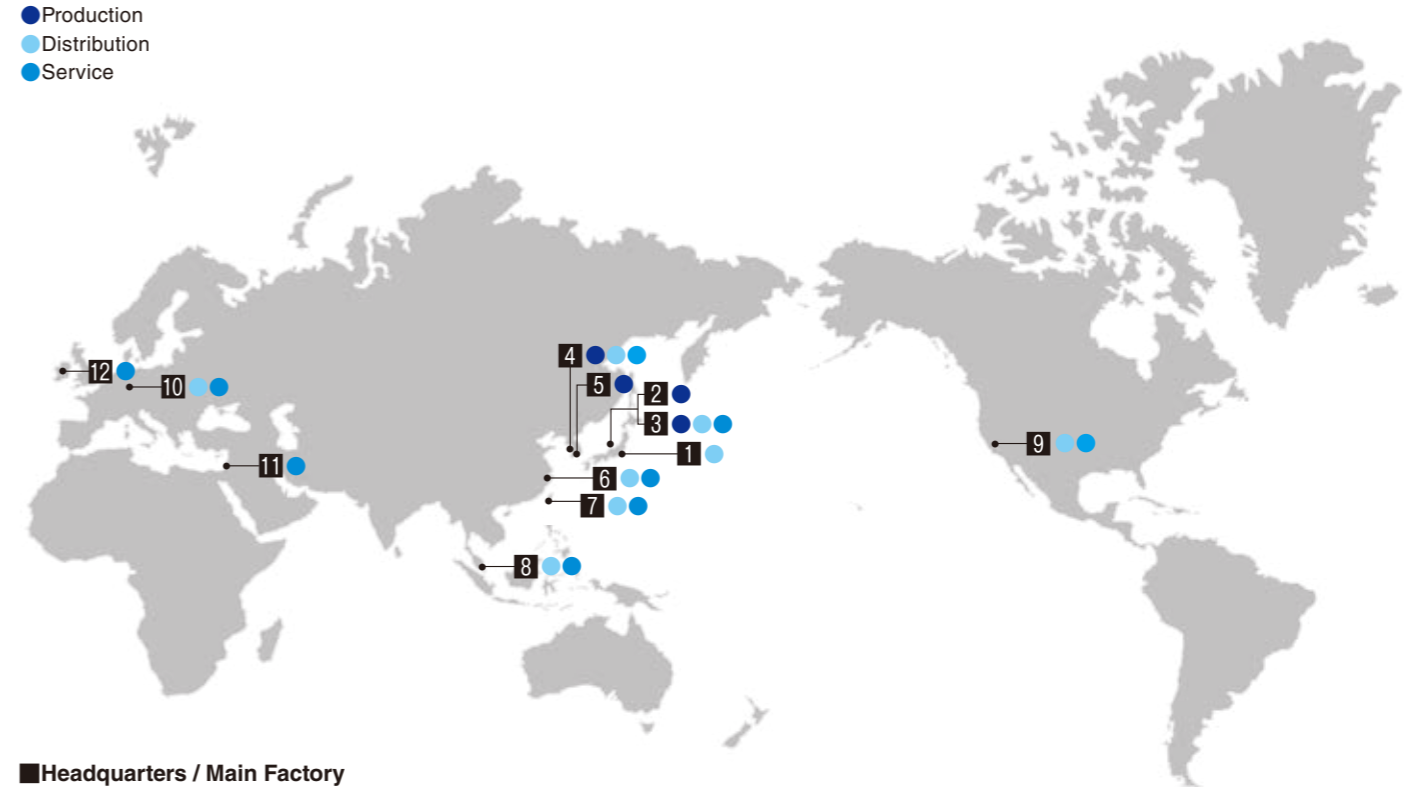


Revenues (Consolidated)



Notes: The above values are unaudited and for reference purposes only. A fiscal year used herein is 12 consecutive months beginning April 1 and ending March 31. The company has adopted Japanese Generally Accepted Accounting Principles (JGAAP) for the fiscal year ended March 31, 2019. The consolidated financial statements for the previous fiscal year are presented in accordance with International Financial Reporting Standards (IFRS).

Headquarters / Main Factories / Group Companies



Headquarters / Main Factory

- Headquarters**
- 1 3-4, Kandakaji-cho, Chiyoda-ku, Tokyo 101-0045, Japan TEL.+81-3-5297-8530
- Toyama Technology & Manufacturing Center**
- 2 2-1, Yasuuchi, Yatsuo-machi, Toyama-shi, Toyama 939-2393, Japan TEL.+81-76-455-9111
- Group Company (Japan)**
- Kokusai Electric Semiconductor Service Inc.
- 3 2-1, Yasuuchi, Yatsuo-machi, Toyama-shi, Toyama 939-2393, Japan TEL.+81-76-454-5931

Group Companies (Overseas)

- (Asia)**
- Kook Je Electric Korea Co., Ltd.**
- 4 (Chaam-dong) 46, 2gongdan 8-gil, Seobuk-gu, Cheonan-si, Chungnam 31075, Korea TEL.+82-41-559-1705
  - 5 64, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 17709, Korea TEL.+82-31-8015-8300
- KE Semiconductor Equipment (Shanghai) Co., Ltd.**
- 6 Room ABJ, 22F World Plaza, No.855 Pudong Road South, Pudong New Area, Shanghai 200120, China TEL.+86-21-6888-1166
- Kokusai Electric Asia Pacific Co., Ltd.**
- 7 9F, No.282 Beida Road, Hsin Chu City, Taiwan 300 TEL.+886-3-528-5788
  - 8 31 Tannery Lane, #03-01 HB Centre II, Singapore 347788 TEL.+65-6848-2633



Headquarters Toyama Technology & Manufacturing Center

(North America)

- Kokusai Semiconductor Equipment Corporation**
- 9 2460 North First Street, #290, San Jose, CA 95131, U.S.A. TEL.+1-408-456-2750

(Europe)

- Kokusai Semiconductor Europe GmbH**
- 10 Gruitener Strasse 3, D-40699 Erkrath, Germany TEL.+49-2104-9655-0
  - 11 Intel. M.S. LCS2-3S, Shderot Ha-Avatz Str. P.O.Box 1000, Kiryat Gat 82109, Israel TEL.+972-8612-3791
  - 12 Unit H9, Maynooth Business Park, Maynooth, Co. Kildare, Ireland TEL.+353-1-606-8487