Technology & Tai-wa for Tomorrow





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# KOKUSAI ELECTRIC Group creates values through "Technology" and "Tai-wa" with the aim of building a sustainable society that is safe, comfortable and energetic.



The KOKUSAI ELECTRIC Group is a specialty manufacturer of semiconductor production equipment. The Group specializes in the thin film deposition portion of the semiconductor production process and maintains a large global market share in the batch deposition equipment and treatment equipment markets. Our main customers are major semiconductor device manufacturers and we have been meeting customer needs through "Technology" and "Tai-wa<sup>-1</sup>" for over 70 years since our foundation in 1949.

The semiconductor device market is experiencing a rapid expansion of demand shifting from semiconductors for traditional consumer devices such as cell phones and PCs to those for high-growth industries such as data centers, 5G, and Al. In line with this move, semiconductor devices are changing into more complex 3D structures which require semiconductor production equipment of higher quality, higher performance, and higher productivity. Growing demand for such equipment is expected to drive the growth of the semiconductor production equipment market as well.

In this drastically changing market, the Group's mission is to support clients' needs with our cutting-edge deposition technologies, which we have continually advanced over the years and to become a leading company in the field of deposition in the semiconductor production process in order to realize the Group's corporate philosophy, "KOKUSAI ELECTRIC Group creates value through 'Technology' and 'Tai-wa' with the goal of building a sustainable society that is safe, comfortable and energetic."

We also believe the Group has a corporate social responsibility (CSR) to meet the trust and expectations of society through our business activities in cooperation with our Group companies. In addition to contributing to the achievement of SDGs by pursuing economic value as well as environmental and social value from both business and sustainability perspectives, we seek to build a sustainable society that is safe, comfortable and energetic, while at the same time promoting the sustainable development of the Group.

The Group has formulated the corporate slogan "Technology & Tai-wa for Tomorrow." We would like to take this opportunity to reaffirm our corporate social responsibility and continue to engage in a concerted effort to create value through "Technology" and "Tai-wa," aiming to be of service to the world through our thin film deposition technology. As always, I look forward to your continued support.

\*1"Tai-wa" means dialogue. The KOKUSAI ELECTRIC Group values "Tai-wa" to solve problems together, as well as "Technology" centered on thin film depositio



Fumiyuki Kanai

Representative Director, esident and Chief Executive Officer

November 1949 Kokusai Electric Co., Ltd. was established

March

October 2000 Kokusai Electric Co., Ltd. merged with Hitachi Denshi, Ltd. and Yagi Antenna Co., Ltd., and the trade

name was changed to Hitachi Kokusai Electric Inc.

2009 Hitachi Kokusai Electric Inc. became a consolidated subsidiary of Hitachi, Ltd.

December 2017 Kohlberg Kravis Roberts & Co. L.P. (KKR) Group became a shareholder

June 2018 HKE Holdings Co., Ltd., which is managed and operated by the KKR Group, took over the thin-film

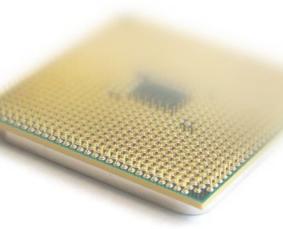
process solutions business of Hitachi Kokusai Electric Inc., and the trade name was changed to

KOKUSAI ELECTRIC CORPORATION

# Supplying high-quality, high-performance and highly productive semiconductor production equipment centered on the world-class thin film deposition technology

The most important phase of making semiconductors is the thin film deposition and thermal process. At KOKUSAI ELECTRIC we produce semiconductor production equipment that leverages world-class thin film deposition technology such as 10nm microfabrication technology close to the physical limit, delivering to the world's top semiconductor manufacturers. We enable the increasing high functionality and high performance of semiconductors.





#### Research and development

In addition to our underlying technologies, we jointly develop next-generation high-performance semiconductor technologies with research institutions, and develop the coating technology and manufacturing technology to create them.



#### Design

We implement advanced technologies such as 3DCAD-based design and fluid simulations. We make the best possible use of our underlying technologies to design equipment tailored to customer needs.

#### **Procurement**

The type and number of required parts varies based on equipment model and specifications. At an automated warehouse we store over 15,000 parts obtained from various local business partners.

#### Manufacture

In Class 5000 Cleanrooms, we manufacture a wide range of products. We have adopted the Cell Station Production System for unit assembly to improve work efficiency, safety and productivity, and to further optimize the production scheme.

#### Shipment

We conduct strict product inspections and delivery inspections at every phase. Completed equipment is shipped around the world using environmentally-friendly ship-

#### Installation and setup

We visit customer's fabs, and handle everything from equipment installation to assembly, wiring, commissioning, and process launch tasks according to customer deadlines. Roughly 90% of our customers are located abroad, mainly in Asia, so many of our employees are active internationally.







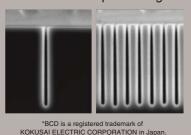




# **Advanced Thermal Process Technology**

KOKUSAI ELECTRIC is proud to introduce a

#### **Excellent Step Coverage**



# Main Products

## **Batch Processing System**





**VERTRON** 

### Single Wafer Processing System







**TANDUO®** 



Lambda300

# TSURUGI-C28

AdvancedAce®-300

#### Overview

Company Name KOKUSAI ELECTRIC CORPORATION

**Date of Establishment** February 2, 2017

**Headquarters** 3-4, Kandakaji-cho, Chiyoda-ku, Tokyo 101-0045, Japan

Representative Fumiyuki Kanai

Paid-in Capital ¥10 billion

Fiscal Year-end March 31

Number of Employees 1,062 (non-consolidated) (as of March 31, 2022) 2,269 (consolidated)

Independent Auditor Ernst & Young ShinNihon LLC

https://global.kokusai-electric.com/

#### **Directors and Executive Officers**

(As of June 28, 2022)

#### Directors Representative Director Fumiyuki Kanai Director Yuji Kamiya Unryu Ogawa Masaki Nakamura Director (Part-time) Outside Director Noriko Sakai Outside Director Masaaki Tsuruta Hirofumi Hirano Outside Director Director Toshiyuki Uchino (Full-time Audit and Supervisory Committee Member)

Outside Director (Audit and Supervisory Committee Member)

Hitoshi Kumagai Hirohito Nakada

#### ■ Executive Officers

President and Chief Executive Officer

Fumiyuki Kanai Responsible for business operations

Web

Executive Vice President and Executive Officer

Yuji Kamiya

Responsible for Accounting, Finance, Export Control, Legal Affairs, Intellectual Property,
Human Resources, General Affairs, Ethics, Compliance and Information Security

Investor Relations, Sales, Digital Transformation and IT

Unryu Ogawa Responsible for Technical Management and the Technical Support Center

Senior Vice President and Executive Officer

Hidehiro Yanagawa Responsible for Business Strategy, Strategic Marketing, Public Relations, CSR,

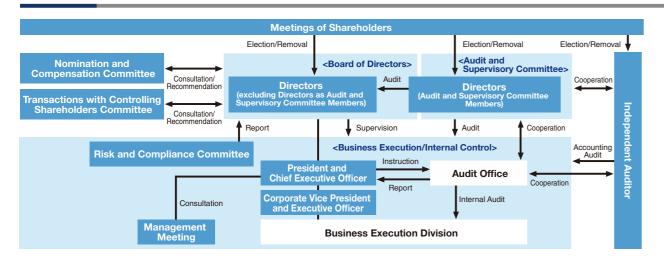
Kazunori Tsukada Responsible for China Strategic Business Planning
Masayuki Yamada Responsible for Production and Quality Assurance

Corporate Vice President and Executive Officer

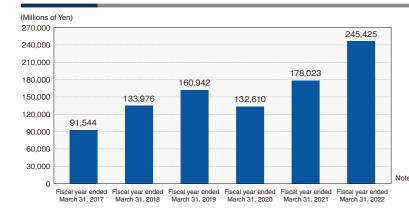
Yoshitaka Kawakami Responsible for Accounting and Finance

Kenji Kanayama
Responsible for Technology Development and Product Development
Naotoshi Yamamine
Responsible for Service, Field Engineering and Group Governance

#### **Corporate Governance**

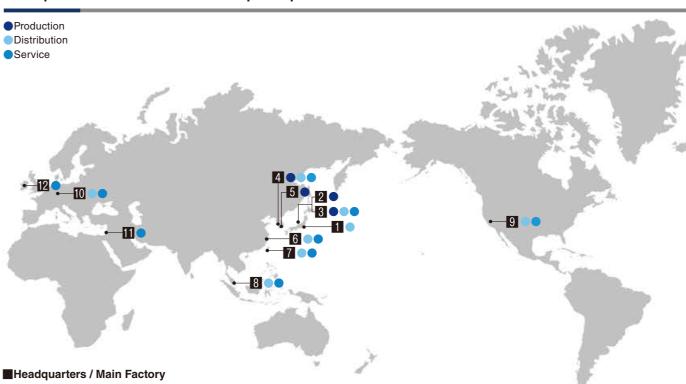


#### Revenue (Consolidated)



es: A fiscal year used herein is 12 consecutive months beginning April 1 and ending March 31. Revenue is presented in accordance with International Financial Reporting Standards (IFRS) from the fiscal year ended March 31, 2020 and with Japanese Generally Accepted Accounting Principles (JGAAP) for the fiscal year ended March 31, 2019 and before.

#### **Headquarters / Main Factories / Group Companies**



#### Headquarters

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. (Kokusai Electric Korea Co., Ltd.)

#### 4 Head Office, Main Factory

(Chaam-dong) 46, 2gongdan 8-gil, Seobuk-gu, Cheonan-si, Chungnam 31075, Republic of Korea TEL.+82-41-559-1705

#### 5 Pyeongtaek Factory

64, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, 17709, Republic of Korea TEL.+82-31-8015-8300

#### KE Semiconductor Equipment (Shanghai) Co., Ltd.

6 Room03-07A, 3F Taikang Insurance Tower, No.429 North Nanquan Road, Pudong New District, Shanghai 200120, China TEL. +86-21-6888-1166

#### Kokusai Electric Asia Pacific Co., Ltd.

#### 7 Head Office

9F, 10F, No.282 Beida Road, Hsin Chu City, Taiwan 300 TEL.+886-3-528-5788

#### 8 Singapore Branch

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 Head Office

Gruitener Strasse 3, D-40699 Erkrath, Germany TEL.+49-2104-9655-0

#### 11 Israel Office

Intel. M.S. LCS2-3S, Shderot Ha-Avatz Str. P.O.Box 1000, Kiryat Gat 82109, Israel TEL.+972-8612-3791

#### 12 Ireland Office

Unit H3, Maynooth Business Campus, Straffan Road, Maynooth, Co. Kildare, W23 PY22, Ireland TEL.+353-1-9041862

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