

RENESAS ELECTRONICS

QUALITY ASSURANCE SYSTEM

FEBRUARY 1ST, 2024

QUALITY ASSURANCE GROUP
RENESAS ELECTRONICS CORPORATION

INDEX

■ Quality Policy	3
■ Company Data	4
■ Our Purpose	5
■ Renesas Culture	6
■ Leadership Team	7
■ Global Network	8
■ Global Manufacturing Network	9
■ Organization of Quality Assurance Group	10
■ Quality Assurance Global Network	11
■ Quality Assurance System	12
• Quality Assurance Flow	13
• Customer Complaint Handling	14
• Change Control System	15
• Corrective Action flow	16
■ ISO, IATF Certification	17~19



QUALITY POLICY

Renesas Electronics Group Quality Policy

We aim to deliver customer satisfaction and enhance society by providing highly reliable and high-quality products and services.

We abide by the following principles in all stages of our business activities—including sales, design, development and manufacturing—in accordance with our corporate quality management system.

We will:

- Comply with all applicable legal and regulatory requirements
- Enhance product safety and trust
- Commit to continuously improve the quality of products and services
- Strive to continually improve our quality management system

COMPANY DATA

Company Name	Renesas Electronics Corporation
Headquarters	TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061, Japan
Capital Stock	153,209 million yen (As of December 31, 2022)
Established	November 1, 2002 (Started Operation on April 1, 2010)
Major Operations	Research, development, design, manufacture, sale, and servicing of semiconductor products
Employee	21,017 (Consolidated, as of December 31, 2022)
Representative Director	Hidetoshi Shibata, Representative Director, President and CEO
Stock Code	Tokyo Stock Exchange, Prime Market (Since July 24, 2003, TSE:6723)
Website	www.renesas.com

OUR PURPOSE

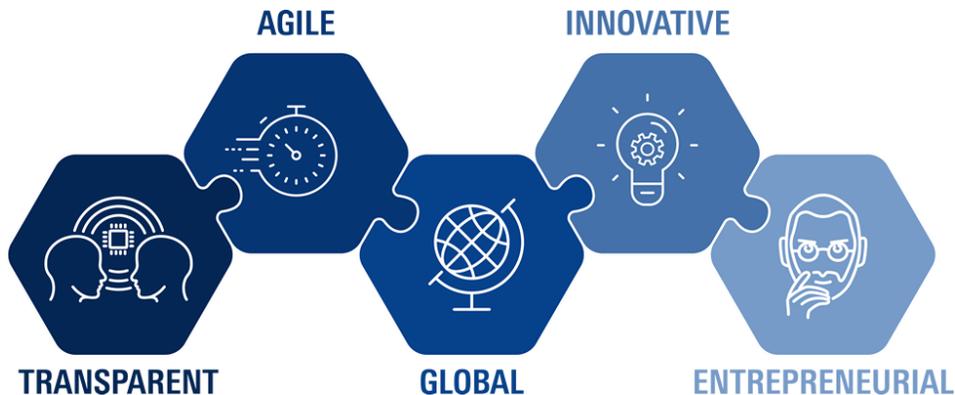
To Make Our Lives Easier

by complementing human capabilities



RENESAS CULTURE

Renesas Culture is a guideline of conduct that should be shared across the Renesas Group and all our employees. Each employee can grab the initiative by embodying this Culture and incorporating it across various decision-making processes in all activities.



Transparent

The leadership team's strategy and policy, the company's current situation, as well as the issues and thoughts of each business organization should be well understood among employees.

Agile

In order to respond to changes in a timely manner, we should identify the likely outcomes and implications as quickly as possible, make decisions quickly, and rapidly take or correct actions, and act at a high velocity.

Global

It is essential for us to have a global perspective. We should facilitate communication not only through improved language skills, but also through the use of other methods such as the use of numbers and data.

Innovative

Each and every one of our employees should embody "Innovation" using their imagination and creativity to improve their work and contribute to the realization of a better society.

Entrepreneurial

Individual employees should act professionally, voluntarily, and independently as if they are "running their own business" and are responsible for the results they deliver.



LEADERSHIP TEAM



Hidetoshi Shibata

CEO



Shuhei Shinkai

CFO



Julie Pope

CHRO



Shinichi Yoshioka

CTO



Davin Lee

Analog & Connectivity



Toshihiko Seki

Embedded Processing



Vivek Bhan

High Performance Computing



Chris Allexandre

Power



Sailesh Chittipeddi

Operations



Bobby Matinpour

Sales & Marketing (CSMO)



Buvna Ayyagari

Software & Digitalization



Balaji Kanigicherla

Engineering



Takeshi Kataoka

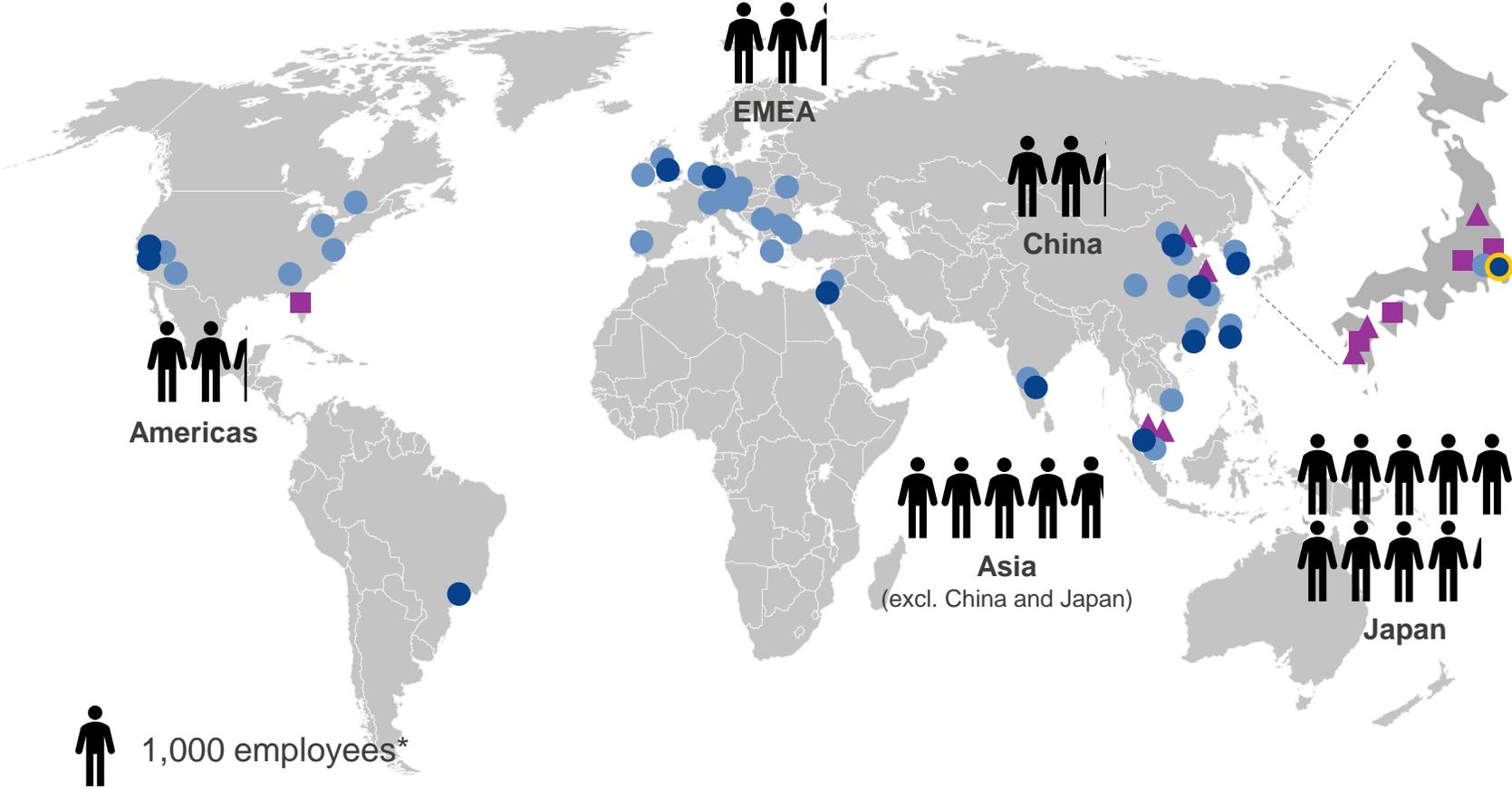


Takeshi Kataoka

Quality Assurance

CEO: Chief Executive Officer / CFO: Chief Financial Officer / CTO: Chief Technology Officer / CHRO: Chief Human Resources Officer / CSMO: Chief Sales & Marketing Officer

GLOBAL NETWORK



Global sales network operating across more than 20 countries

Comprehensive R&D capabilities enable seamless support across the globe

12 manufacturing facilities in Japan, China, Southeast Asia, and the US

Global partners such as TSMC and GLOBALFOUNDRIES

* Consolidated, as of December 31, 2022

GLOBAL MANUFACTURING NETWORK

- 12 manufacturing facilities in Japan, China, Southeast Asia, and the US
- Global partners such as TSMC and GLOBALFOUNDRIES

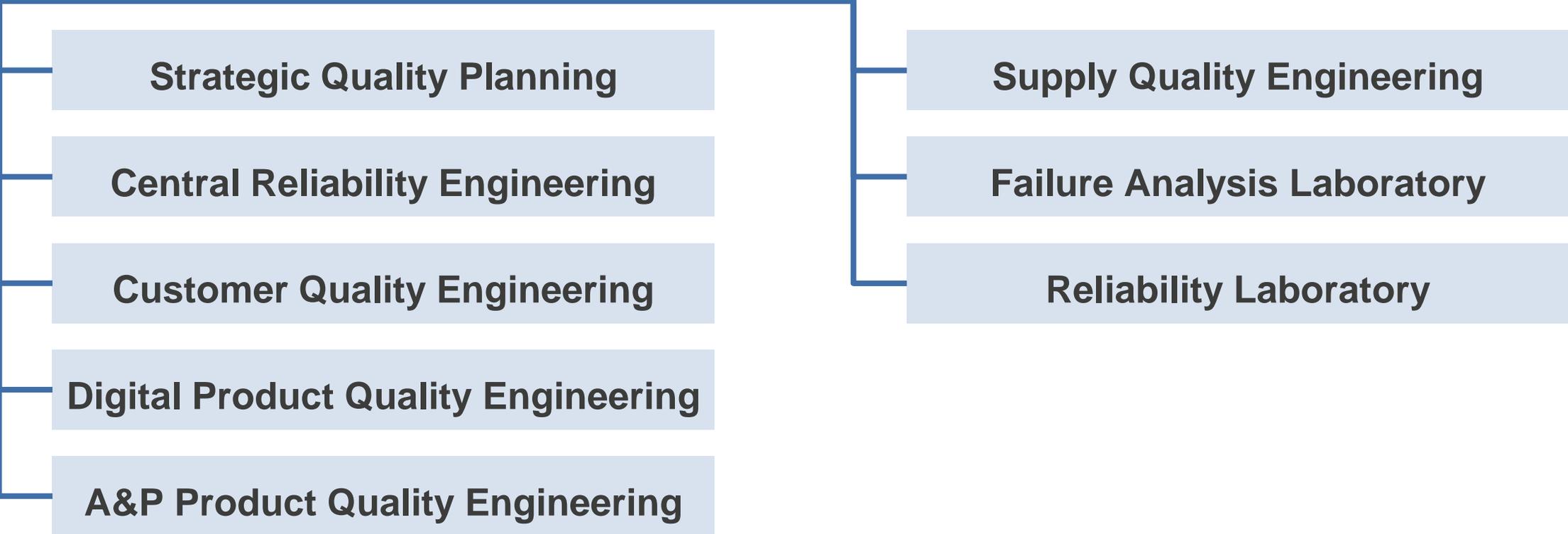


- Manufacturing sites (Front-end: 5)
- Manufacturing sites (Back-end: 7)
- Manufacturing and Engineering Services Companies

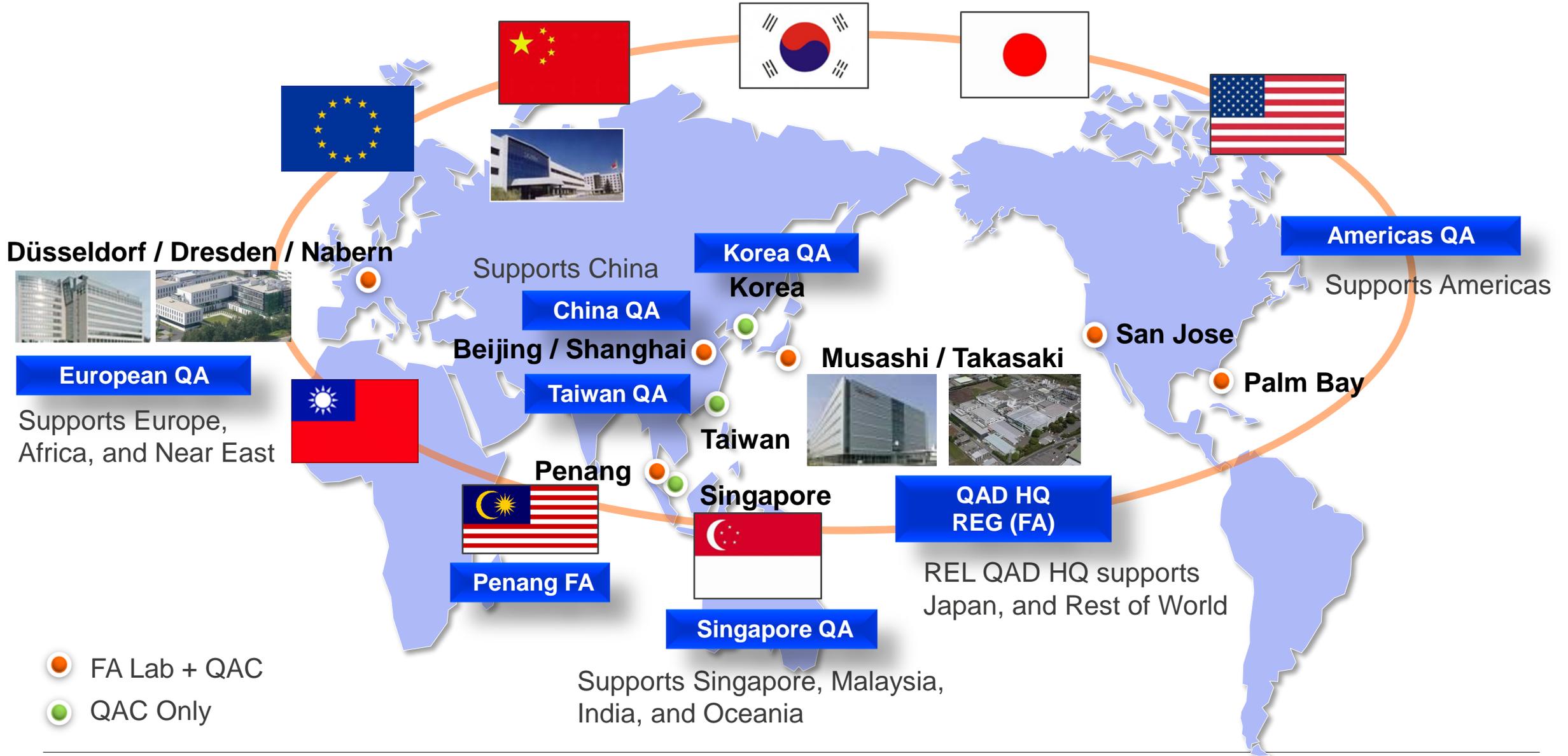
ORGANIZATION OF QUALITY ASSURANCE GROUP

Quality Assurance Group

Quality Assurance Division



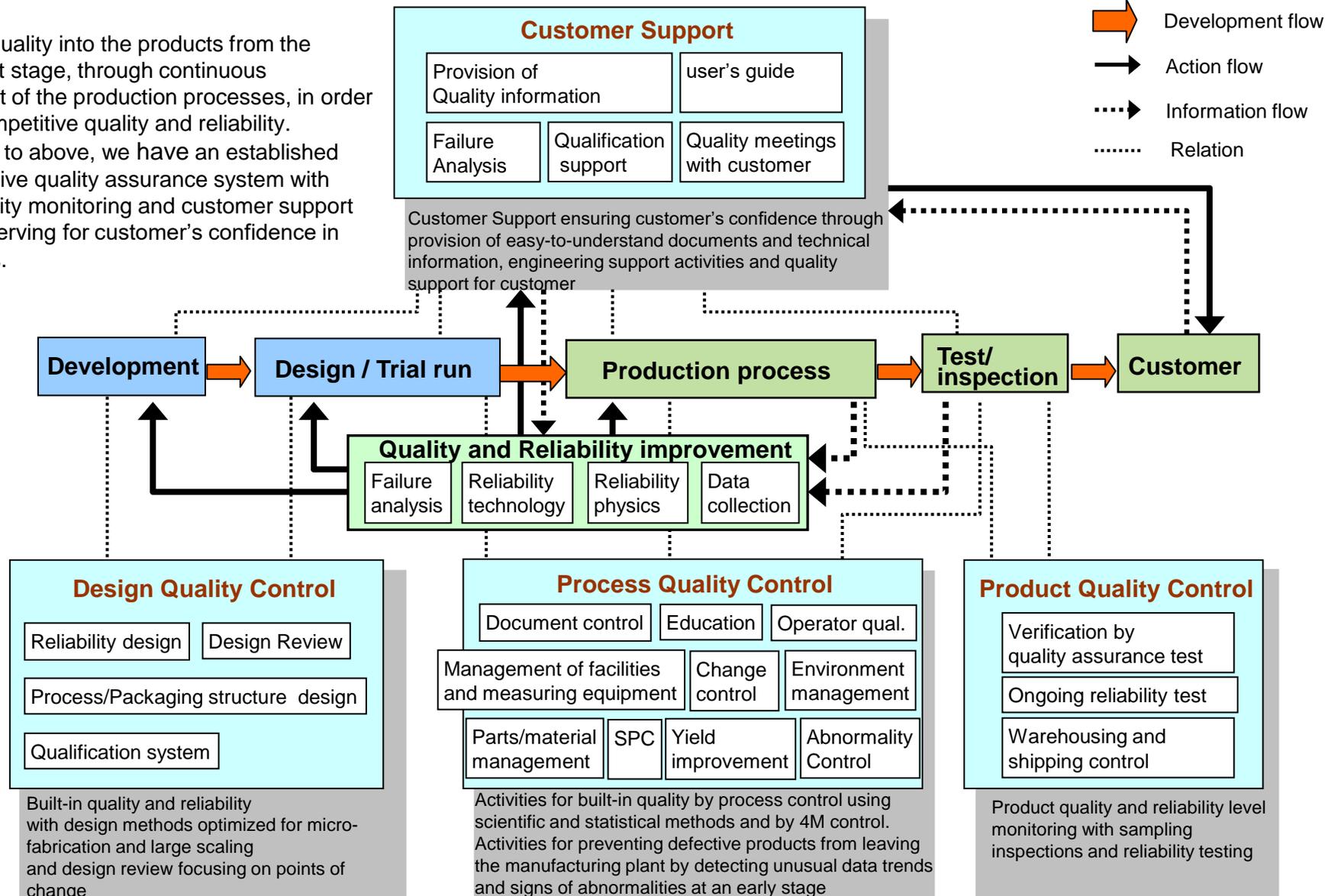
QUALITY ASSURANCE GLOBAL NETWORK



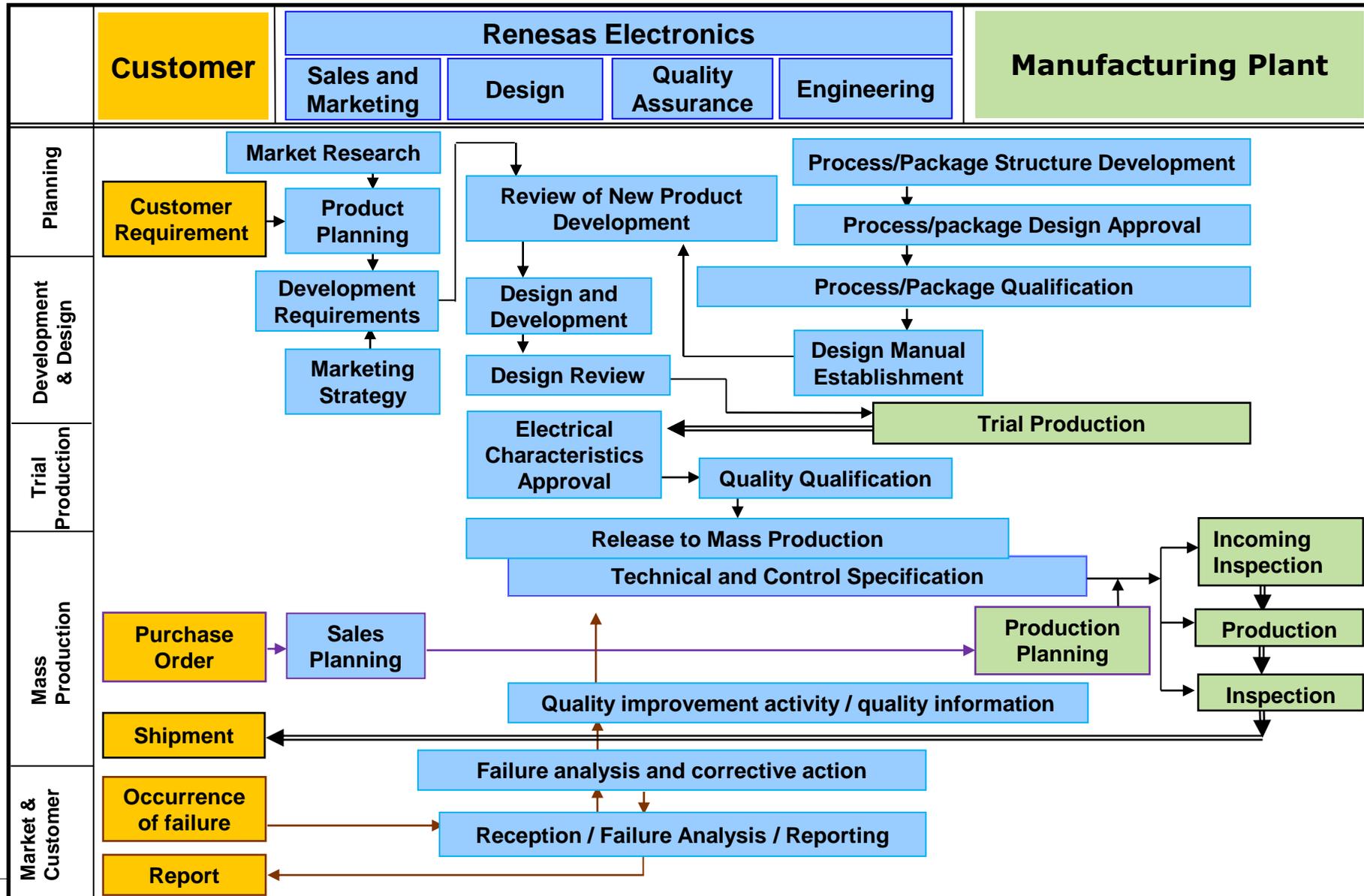
QUALITY ASSURANCE SYSTEM

We build quality into the products from the development stage, through continuous improvement of the production processes, in order for more competitive quality and reliability.

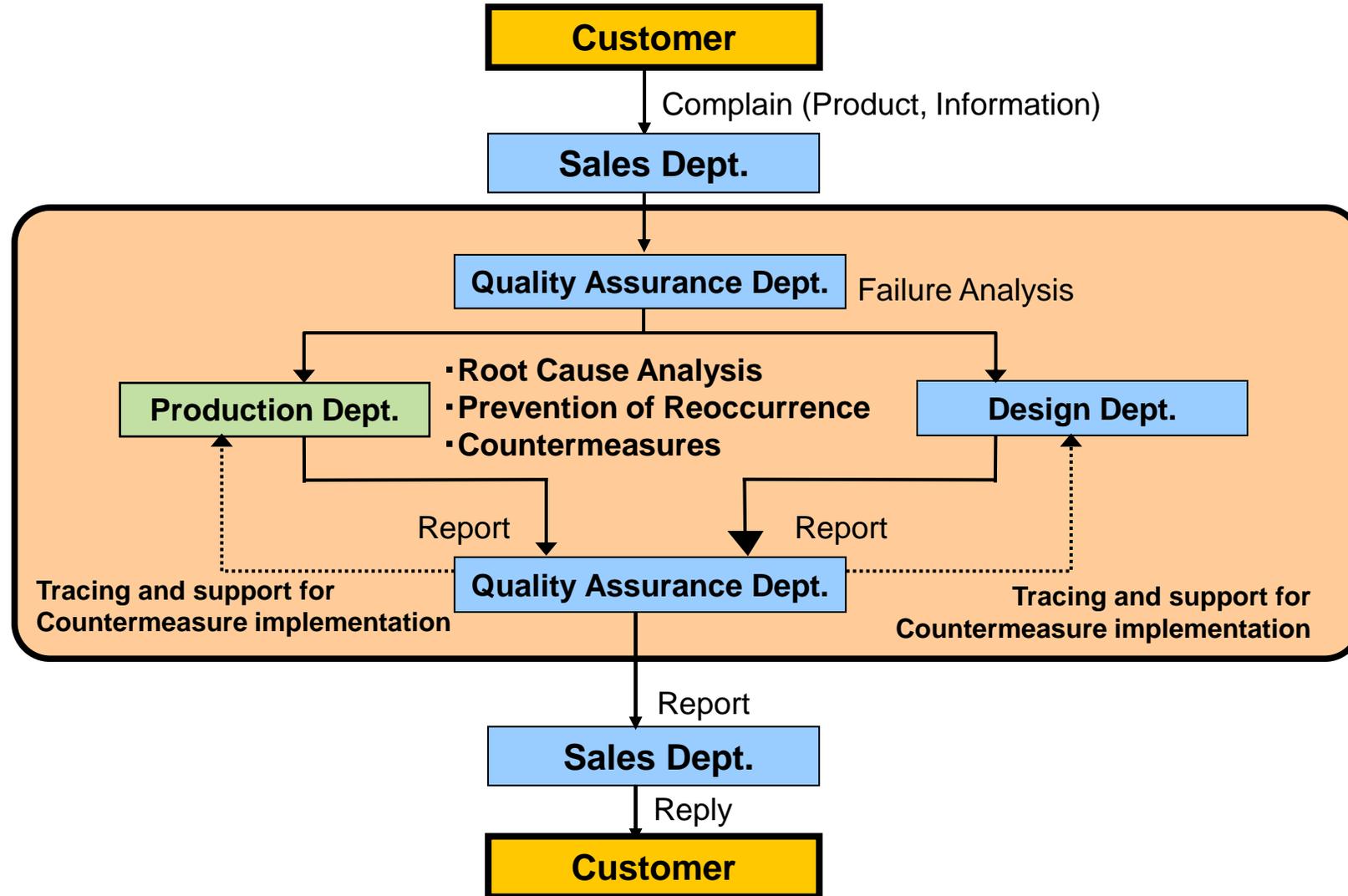
In addition to above, we have an established comprehensive quality assurance system with product quality monitoring and customer support on quality, serving for customer's confidence in our products.



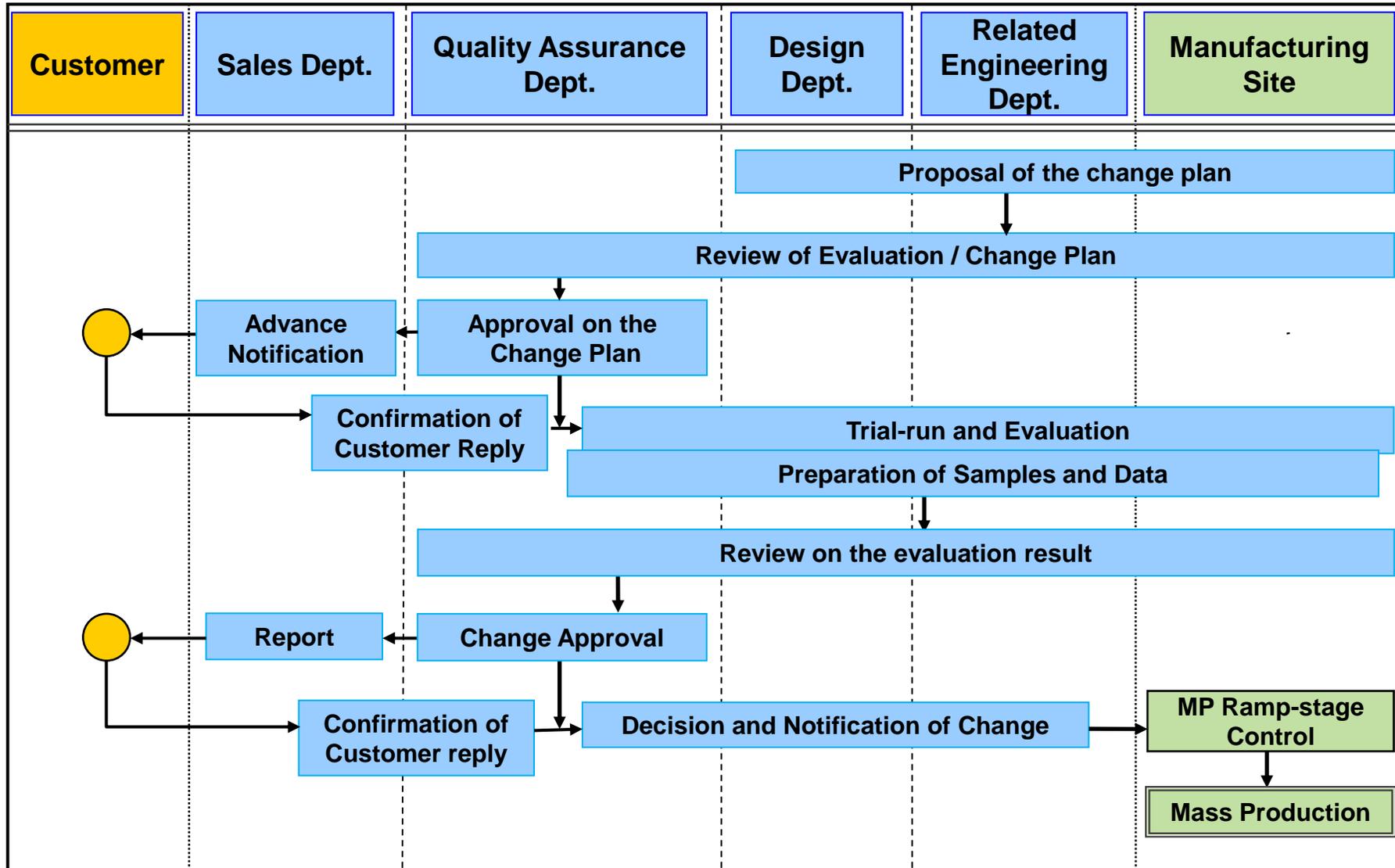
QUALITY ASSURANCE FLOW



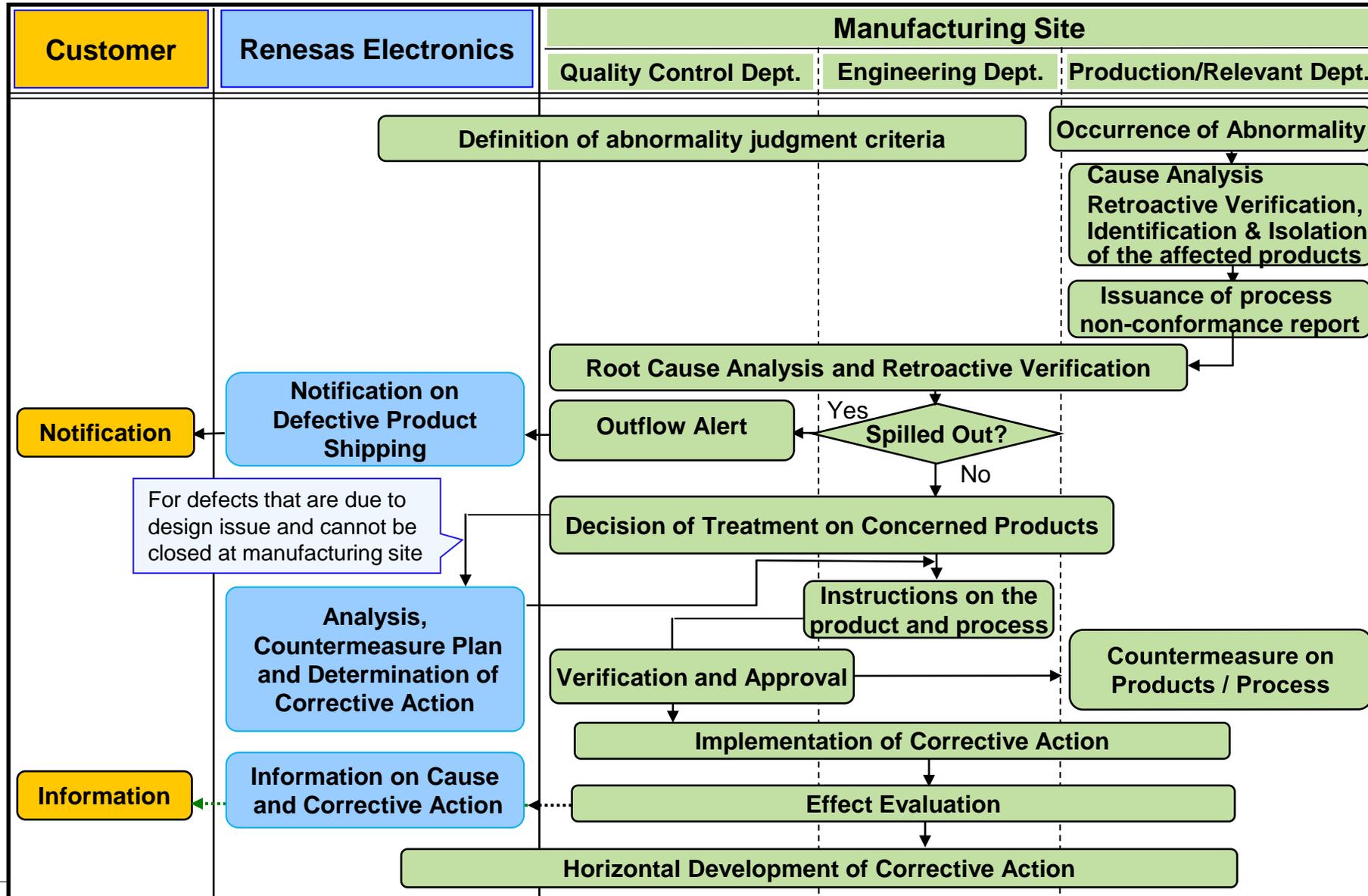
CUSTOMER COMPLAINT HANDLING



CHANGE CONTROL SYSTEM



CORRECTIVE ACTION FLOW



ISO, IATF CERTIFICATION

[Japan]

Company		ISO 9001	IATF 16949
Renesas Electronics Corporation	Headquarters	Yes	(*)
	Musashi Site	Yes	(*)
	Takasaki Site	Yes	(*)
	Naka Site	Yes	(*)
	Yonezawa Factory	Yes	Yes
	Oita Factory	Yes	Yes
	Nishiki Factory	Yes	Yes
Renesas Semiconductor Manufacturing Co., Ltd.	Naka Factory	Yes	Yes
	Takasaki Factory	Yes	Yes
	Saijo Factory	Yes	Yes
	Kawashiri Factory	Yes	Yes
Renesas Engineering Services Co., Ltd.		-	(*)

(*): Remote supporting function.

ISO, IATF CERTIFICATION

[Global]

Company	ISO 9001	IATF 16949
Renesas Electronics America Inc.	Yes	Yes
Renesas Semiconductor (Beijing) Co., Ltd.	Yes	Yes
Renesas Semiconductor (Suzhou) Co., Ltd	Yes	Yes
Renesas Semiconductor KL Sdn. Bhd.	Yes	Yes
Renesas Semiconductor (Malaysia) Sdn. Bhd.	Yes	Yes
Renesas Semiconductor (Kedah) Sdn. Bhd.	Yes	Yes
Renesas Semiconductor Design (Malaysia) Sdn. Bhd.	Yes	-
Renesas Design Vietnam Co., Ltd.	Yes	-
Renesas Semiconductor Design (Beijing) Co., Ltd.	Yes	(*)
Renesas Electronics Europe GmbH	Yes	(*)
Renesas Electronics Penang Sdn. Bhd	Yes	-
Renesas Electronics Germany GmbH	Yes	Yes

(*): Remote supporting function.

ISO, IATF CERTIFICATION

[Global]

会社名	ISO 9001	IATF 16949
Renesas International Operations Sdn. Bhd.	Yes	(*)
Renesas Design Bulgaria EOOD	Yes	-
Renesas Design Korea Inc.	Yes	-
Renesas Design (UK) Ltd.	Yes	-
Renesas Design Germany GmbH	Yes	-
Renesas Design Netherlands B.V.	Yes	-
Renesas Design Greece Single-Member S.A.	Yes	-
Renesas Design North America Inc.	Yes	-
Renesas Design Technology Inc.	Yes	-
Renesas Design US Inc.	Yes	-
Dialog Semiconductor Operations Service Limited	Yes	-
Renesas Design Bingen GmbH	-	Yes

(*): Remote supporting function.

[Renesas.com](https://www.renesas.com)