

Export Control Program

-Example of a Japanese Semiconductor
Company

March 15, 2012
Export Control Department
Corporate Export Control Office
Renesas Electronics Corporation

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- Corporate Overview
- Renesas Electronics Policy and Organization of Export Control
- Internal Process Flow
- Enhancement of Global Compliance
- Authorized Economic Operator (A.E.O.)



Corporate Overview

Corporate Overview

Company Profile

Company Name	Renesas Electronics Corporation
Established	November 1, 2002 as NEC Electronics Corporation (Started operations on April 1, 2010 as Renesas Electronics Corporation)
Representatives	Yasushi Akao, President Masaki Kato, Representative Director, Executive Managing Vice President
Major Operations	Research, development, design, manufacture, sale and servicing of semiconductor products
Registered Head Office	1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan
Headquarters	Nippon Bldg., 2-6-2, Ote-machi, Chiyoda-ku, Tokyo 100-0004, Japan
Capital Stock	153.2 billion yen (As of March, 2011)
Sales	1,137.9 billion yen (Fiscal year ended March, 2011)
Employees	Approx. 44,000 (Consolidated, as of December 31, 2011)
Stock Exchange	Tokyo Stock Exchange, First Section (Since July 24, 2003, TSE:6723)
Website	www.renesas.com , japan.renesas.com

Corporate Overview

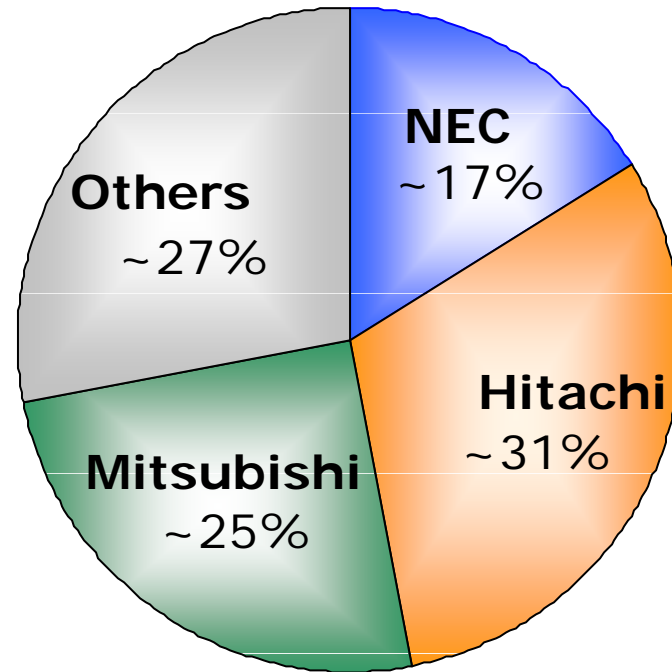
Capital Composition

NEC
NEC ELECTRONICS

Integrated in Apr.-2010

RENESAS
Renesas Electronics Corporation

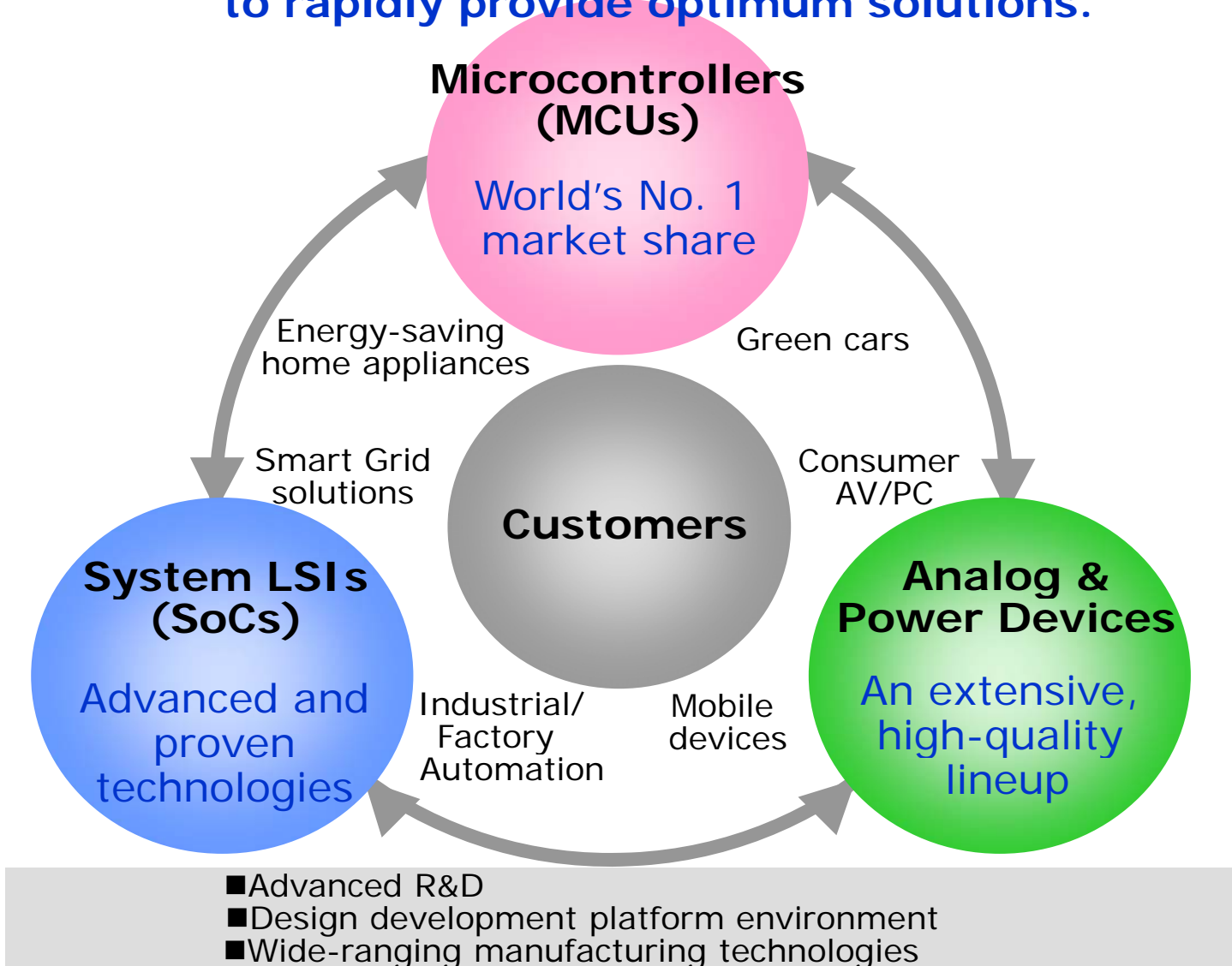
RENESAS
Renesas Technology Corp.



Corporate Overview

Business Fields

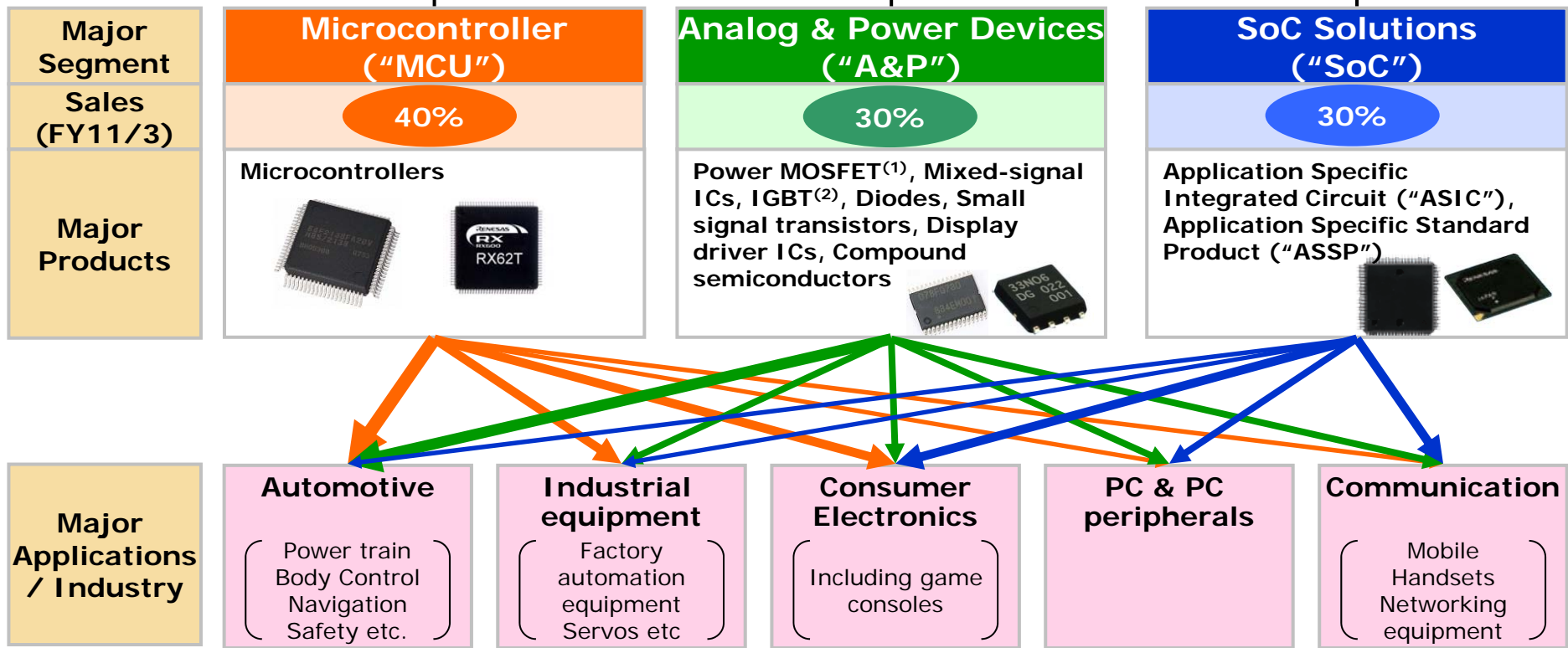
The synergy of our three product segments enables us to rapidly provide optimum solutions.



Renesas Electronics Business Field



Semiconductor Sales (FY11/3)
¥ 1,018.9 Billion



* Rough composition ratio out of Total sales
(1) Metal-Oxide-Semiconductor Field-Effect Transistors ("MOSFET")
(2) Insulated Gate Bipolar Transistors ("IGBT")

Corporate Overview

Renesas Group Corporate Philosophy and Vision

Corporate Philosophy

Harnessing our collective expertise in new technologies, Renesas Electronics contributes to a world where people and the planet prosper in harmony by realizing our vision and building our future.

Corporate Vision

We will be first to respond to customer needs worldwide with our creative power and technology innovations to become a strong, growing semiconductor manufacturer and a trustworthy partner.

Corporate Overview

Organization Structure

Renesas Electronics Corporation



Corporate Overview

Global Sales Network

■ Japan

Renesas Electronics Sales

■ Asia

Renesas Electronics (China)
Renesas Electronics (Shanghai)
Renesas Electronics Hong Kong
Renesas Electronics Taiwan
Renesas Electronics Singapore
Renesas Electronics Malaysia
Renesas Electronics Korea

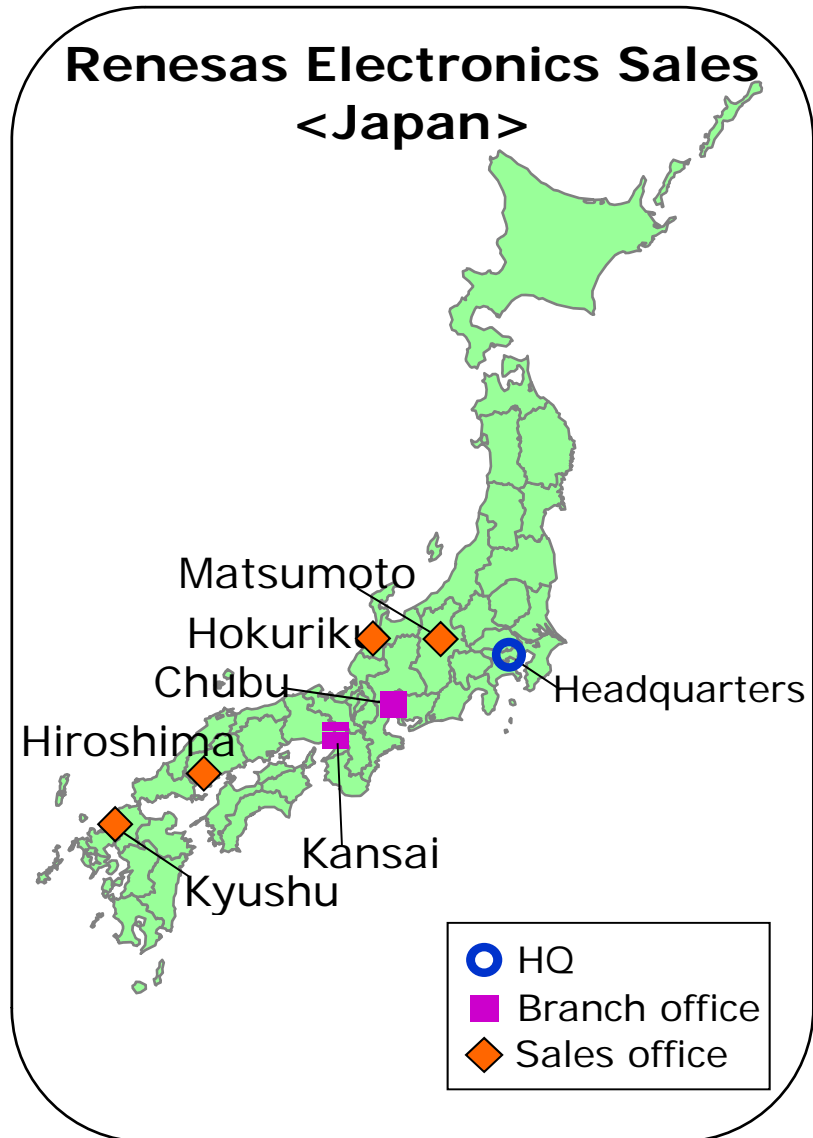
■ Americas

Renesas Electronics America
Renesas Electronics Canada

■ Europe

Renesas Electronics Europe (Ltd.)
Renesas Electronics Europe (GmbH)

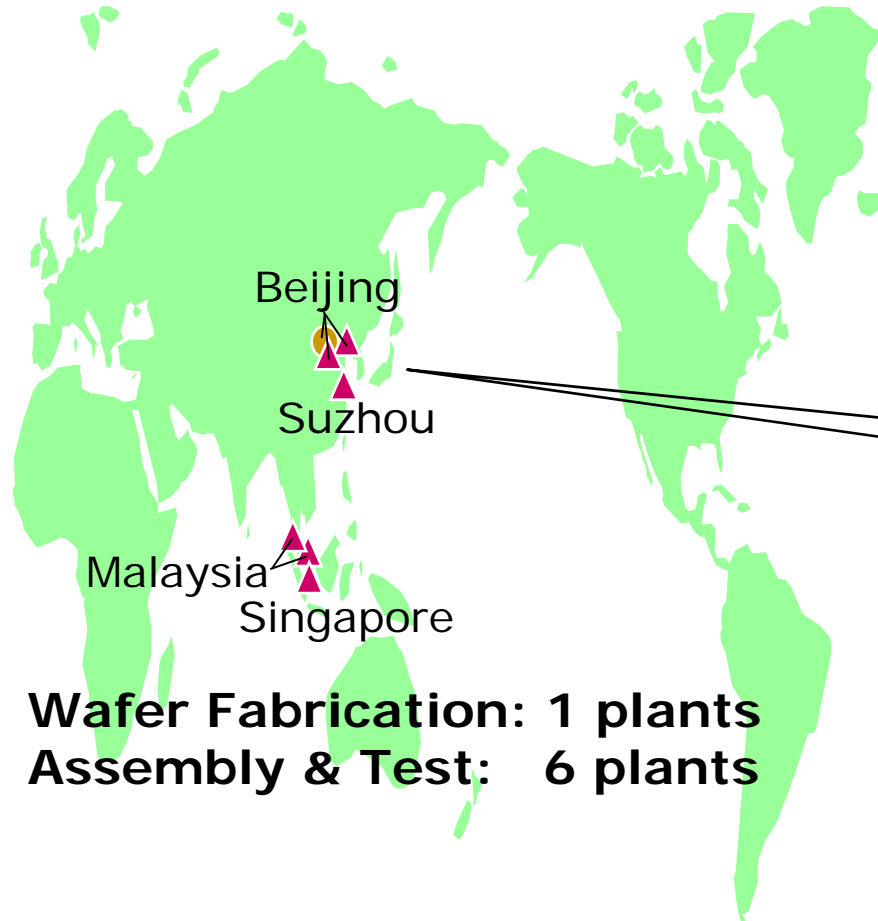
Renesas Electronics Sales <Japan>



Corporate Overview

Manufacturing Capabilities

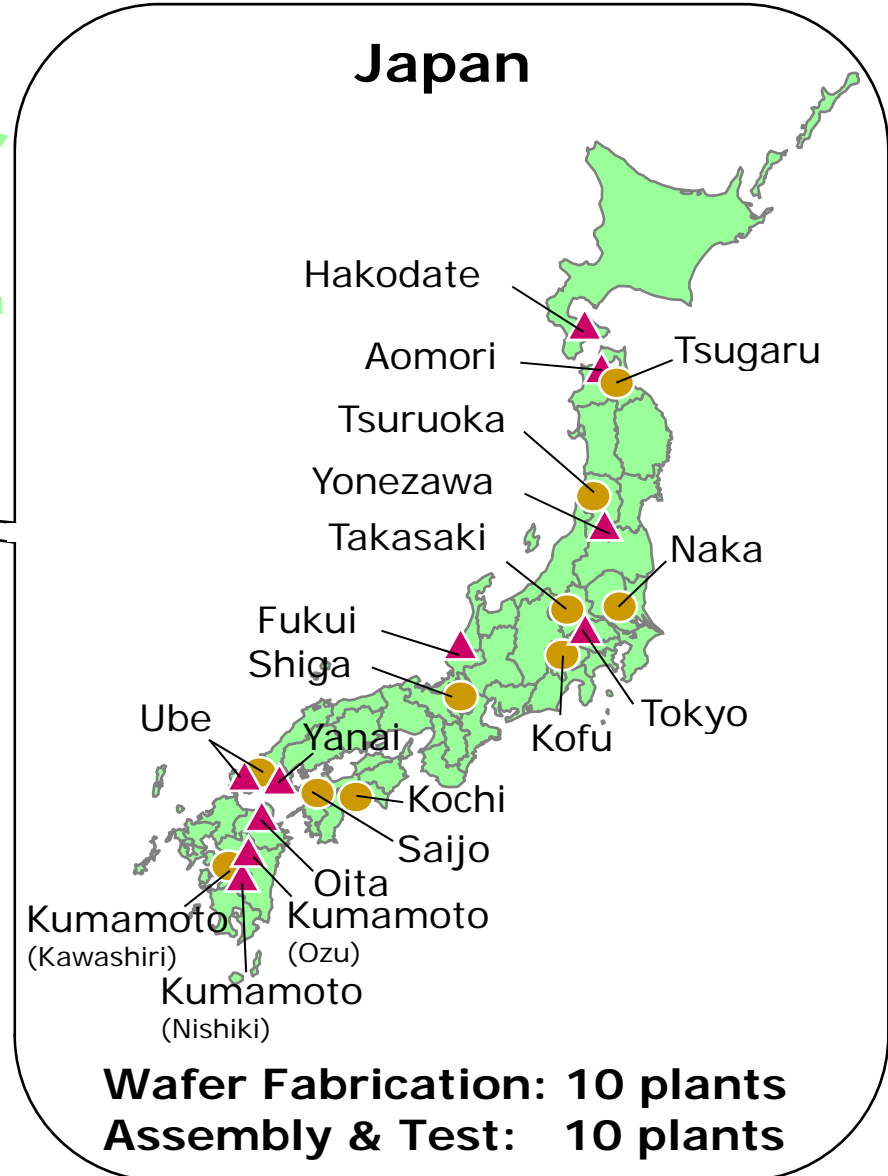
Global



Wafer Fabrication: 1 plants
Assembly & Test: 6 plants

- (Front-end) Wafer Fabrication
- ▲ (Back-end) Assembly & Test

Japan



Wafer Fabrication: 10 plants
Assembly & Test: 10 plants

Corporate Overview

Renesas Electronics Group Companies

Sales Companies

- Renesas Electronics Sales
- Renesas Electronics America
- Renesas Electronics Canada
- Renesas Electronics Europe (UK)
- Renesas Electronics Europe (Germany)
- Renesas Electronics (China)
- Renesas Electronics (Shanghai)
- Renesas Electronics Hong Kong
- Renesas Electronics Taiwan
- Renesas Electronics Singapore
- Renesas Electronics Malaysia
- Renesas Electronics Korea

Design and Application Technologies Companies

- Renesas Solutions
- Renesas Micro Systems
- Renesas Design
- Renesas Design Vietnam
- Renesas Semiconductor Design (Beijing)
- Renesas Semiconductor Design (Malaysia)
- Renesas System Solutions Korea
- Renesas Electronics Brasil-Servicos

Business Corporation

- Renesas Mobile
- Renesas Mobile Europe
- Renesas Mobile India
- Renesas SP Drivers
- Renesas SP Drivers Taiwan
- Renesas Design France
- Renesas Telecommunication Technology

Manufacturing and Engineering Service Companies

- Renesas Northern Japan Semiconductor
- Hokkai Electronics
- Haguro Electronics
- Renesas Yamagata Semiconductor
- Renesas Naka Semiconductor
- Renesas Eastern Japan Semiconductor
- Renesas High Components
- Renesas Kofu Semiconductor
- Renesas Yanai Semiconductor
- Renesas Kansai Semiconductor
- Renesas Semiconductor Kyushu Yamaguchi
- Renesas Kyushu Semiconductor
- Renesas Semiconductor (Beijing)
- Renesas Semiconductor (Suzhou)
- Shougang Renesas Electronics
- Renesas Semiconductor Singapore
- Renesas Semiconductor (Malaysia)
- Renesas Semiconductor (Kedah)
- Renesas Semiconductor Technology (Malaysia)
- Renesas Semiconductor KL
- Renesas Semiconductor Engineering
- Renesas Takasaki Engineering Services
- Renesas Musashi Engineering Services
- Renesas Kitaitami Engineering Services

Renesas Electronics Policy and Organization of Export Control

Renesas Electronics Policy and Organization of Export Control

Feature of Semiconductor Business: Market Diversity



**A lot of customers
all over the world**



**A huge number of part names
for wide variety of applications**



Renesas Electronics Policy and Organization of Export Control

Feature of Semiconductor Business: potential risks of semiconductor business

**From simple components to technological devices,
applicable everywhere,
...unexpected proliferation is possible.**



**Risky/sensitive applications against
international peace and security are
behind our market.**



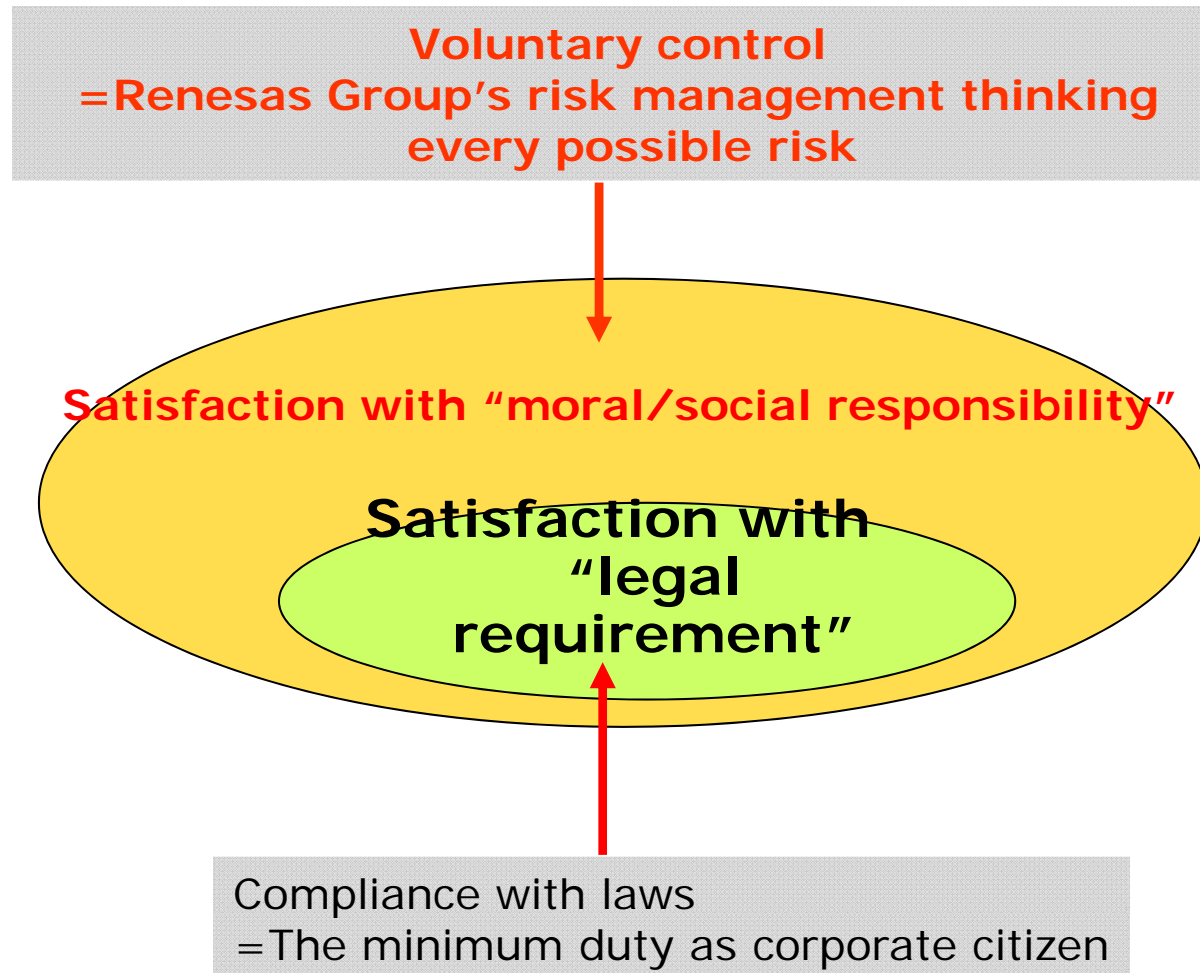
**What is important for stable business
expansion and corporate social
responsibility?**



Renesas Electronics Policy and Organization of Export Control

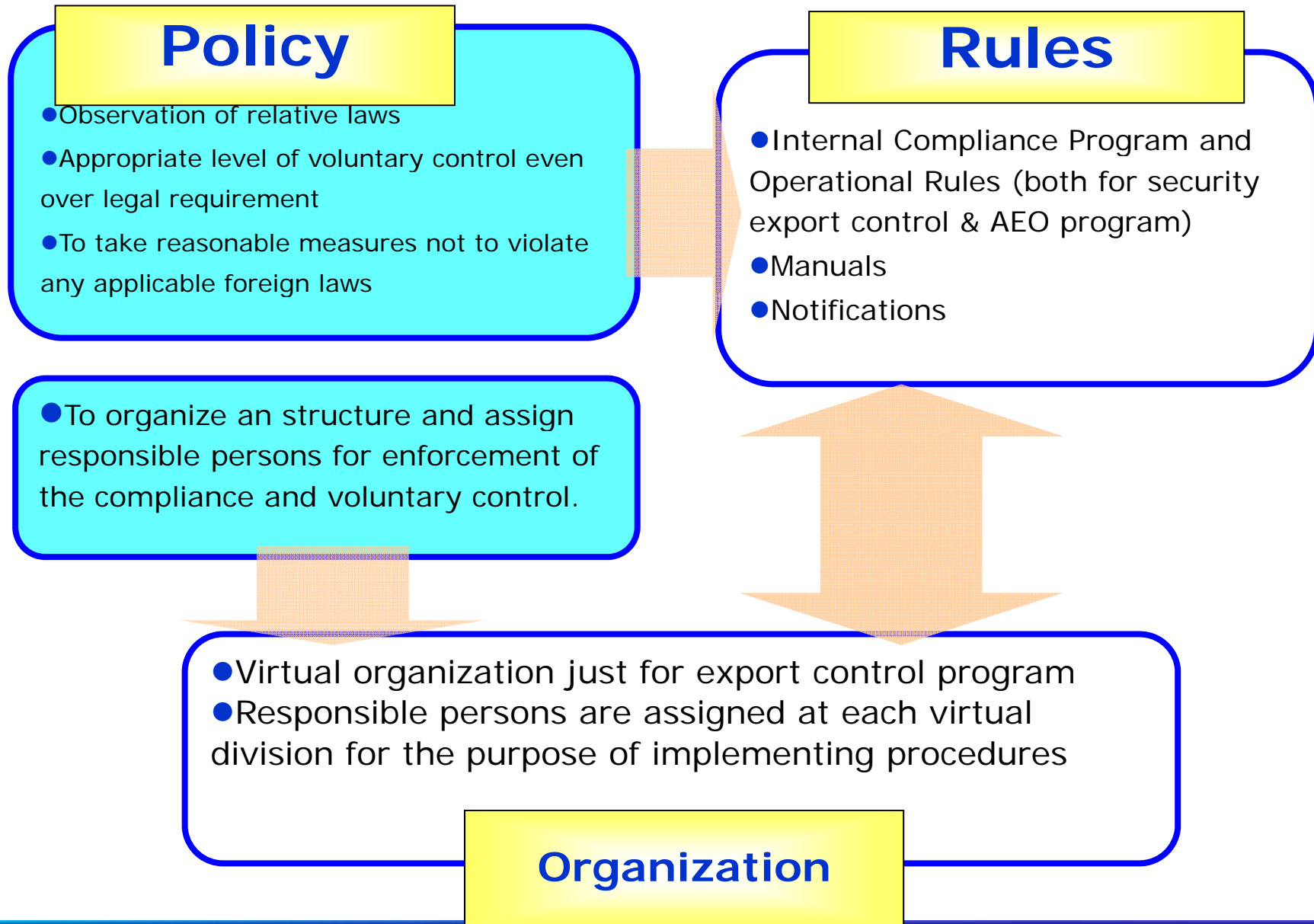
Renesas Electronics Policy of Export Control

“Moral/Social Responsibility” beyond “legal requirement”



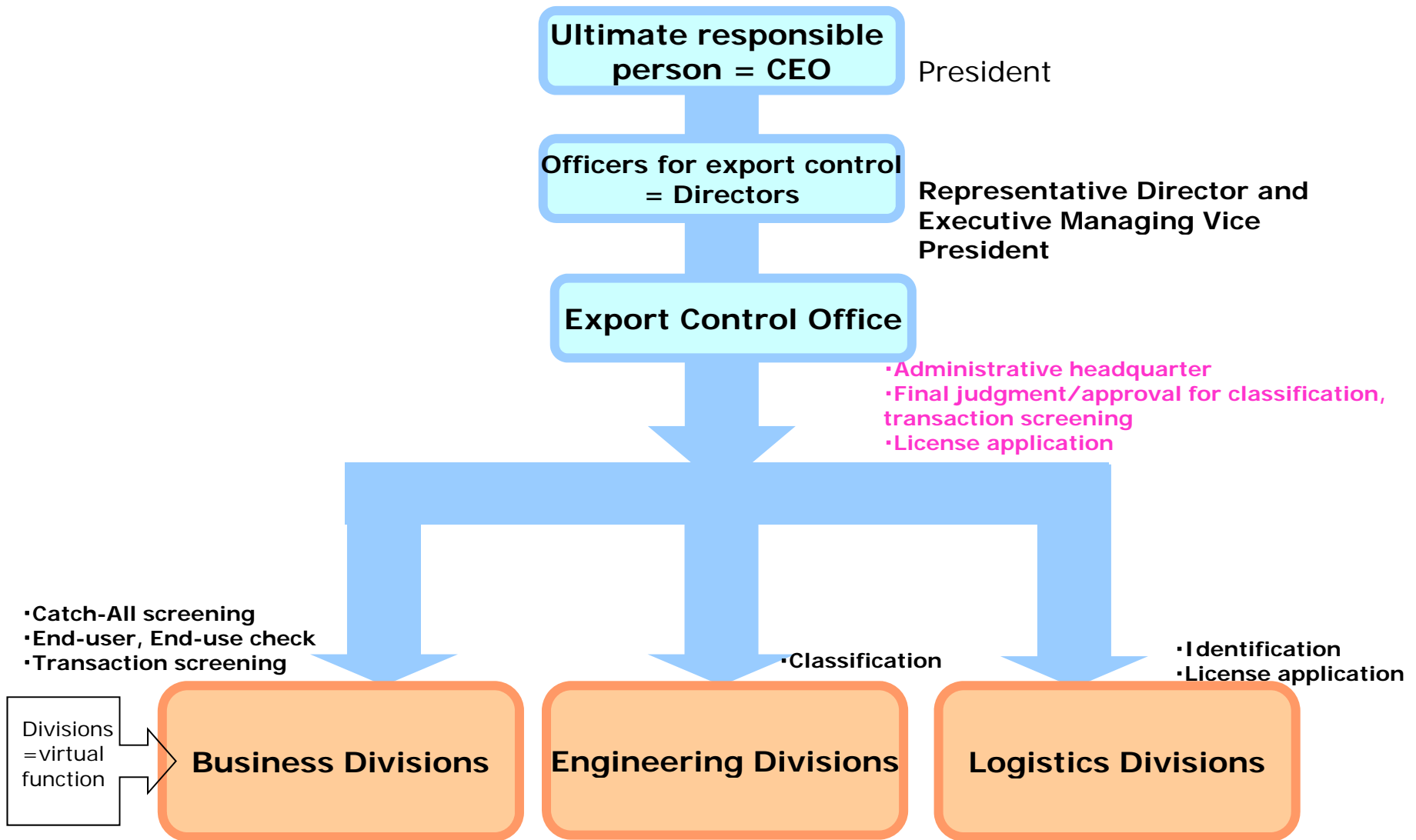
Renesas Electronics Policy and Organization of Export Control

Renesas Electronics Export Control Program Outline



Renesas Electronics Policy and Organization of Export Control

Organization of Export Control



Internal Process Flow

Internal Process Flow

Process Flow in Accordance with Legislation

【Phase 1: Classification Procedure】

What do you export?

→ Does the item for export have a spec subject to international regulations?

■ **Engineering Divisions** : categorization of every commodity/technology, by reference between specification and control list

【Phase 2: Catch All Screening Procedure】

Who is the end-user to use/consume the item?

What is the end-use of the item?

→ Does the end-user, end-use have possibility of affecting international peace and security?

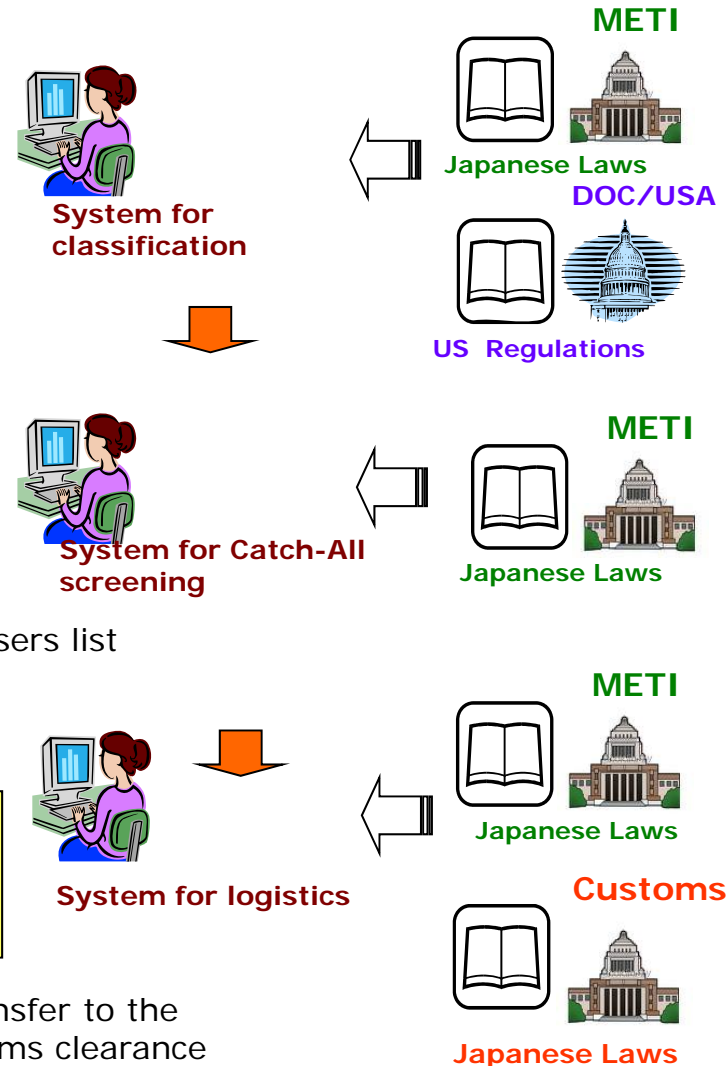
■ **Business Divisions** : Cross-checking of end-user and denial users list and verification of information on end-user, end-use

【Phase 3: Delivery Control】

Is the item for export/transfer identical to the objective of phase 1/phase 2 procedures?

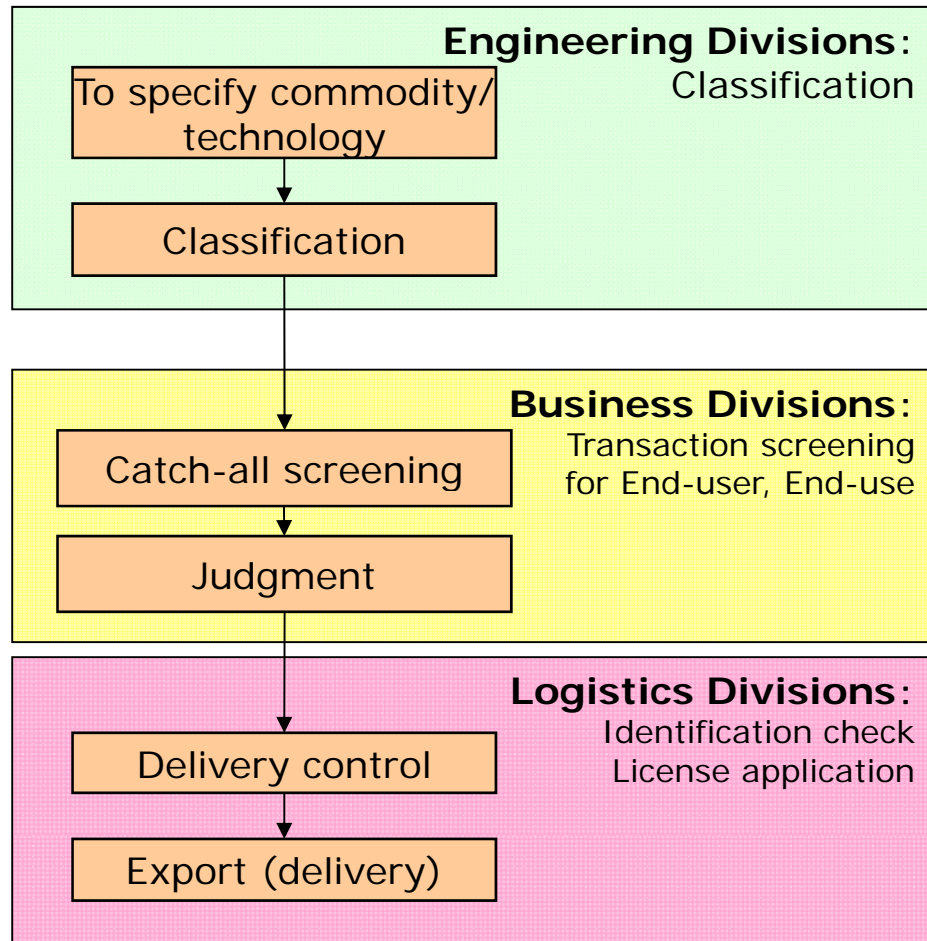
→ Is an accurate export license obtained for the export/transfer?

■ **Logistics Divisions** : Cross-checking of the item for export/transfer to the objective of procedures and verification of documents for customs clearance

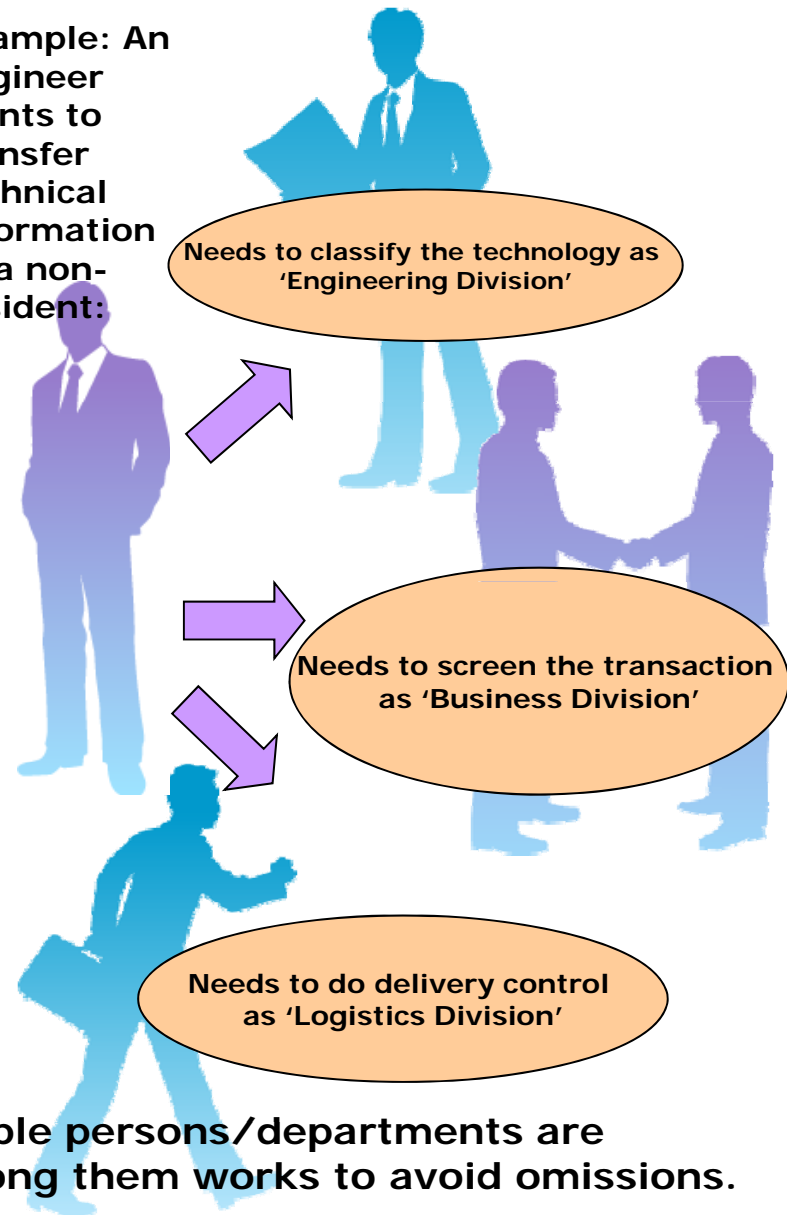


Internal Process Flow

Function of Each 'Division'



Example: An engineer wants to transfer technical information to a non-resident:

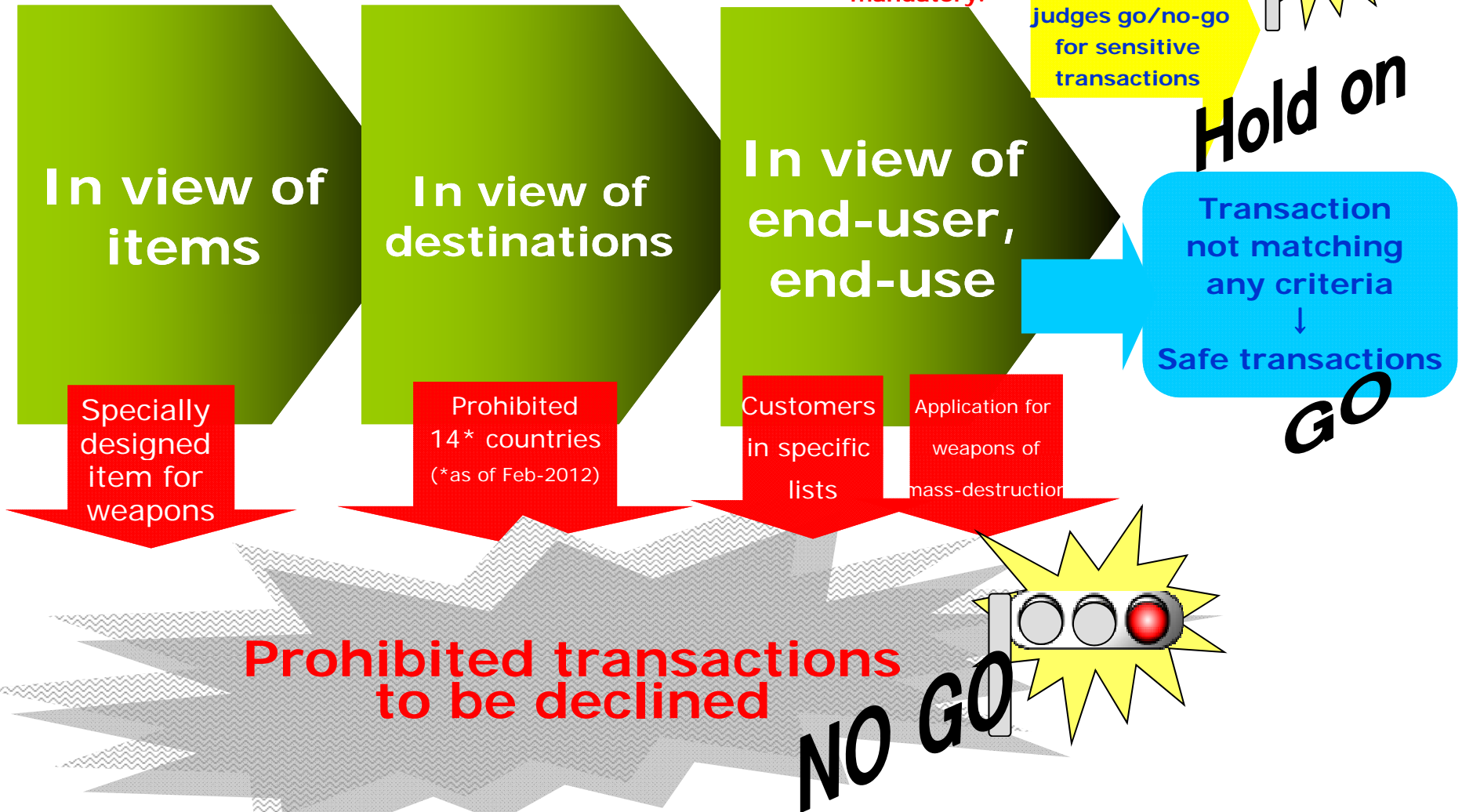


Responsible person/department differs. If multiple persons/departments are involved in a business, good communication among them works to avoid omissions.

Internal Process Flow

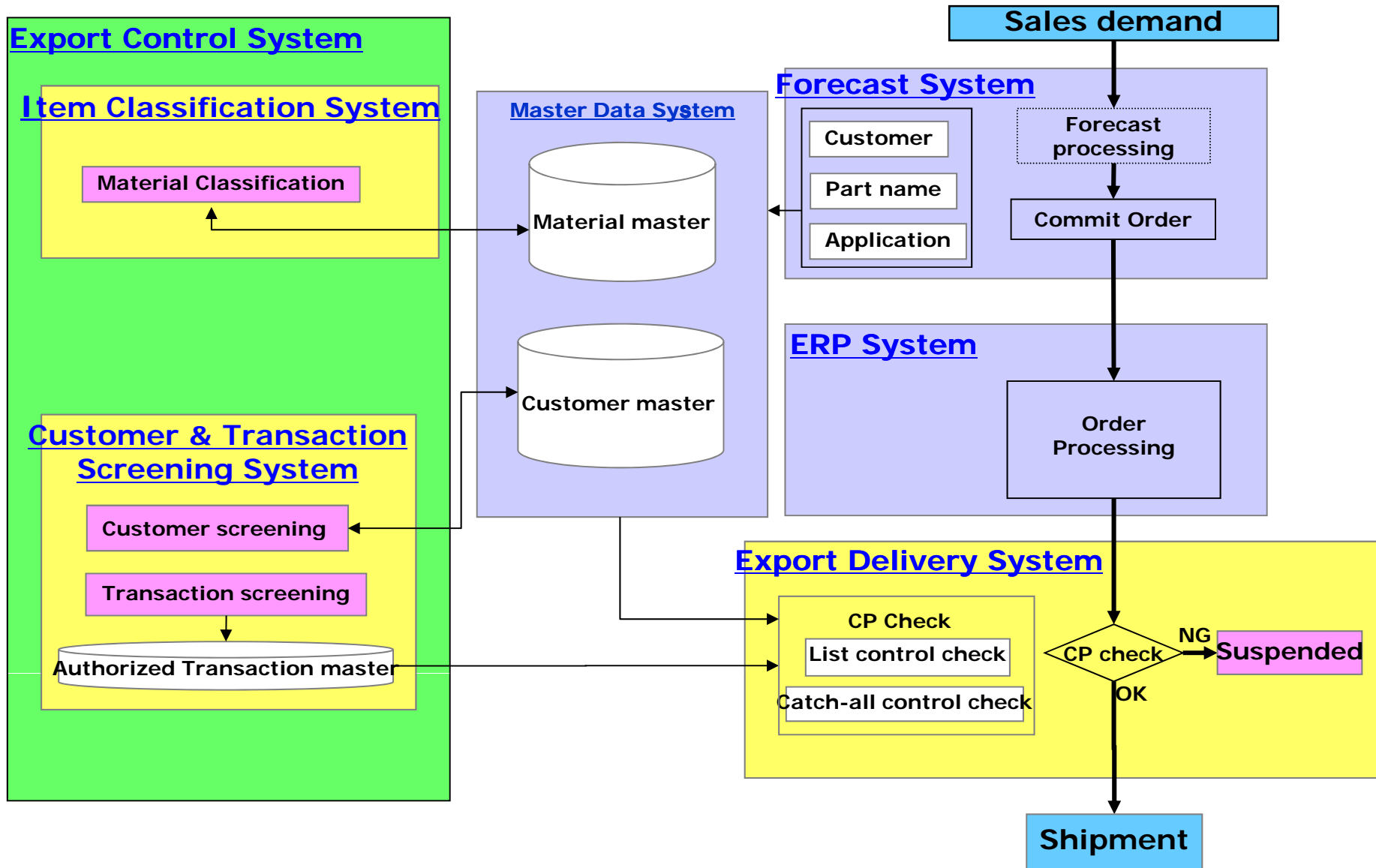
Restriction on Business as Voluntary Control

How to judge Go/No-Go



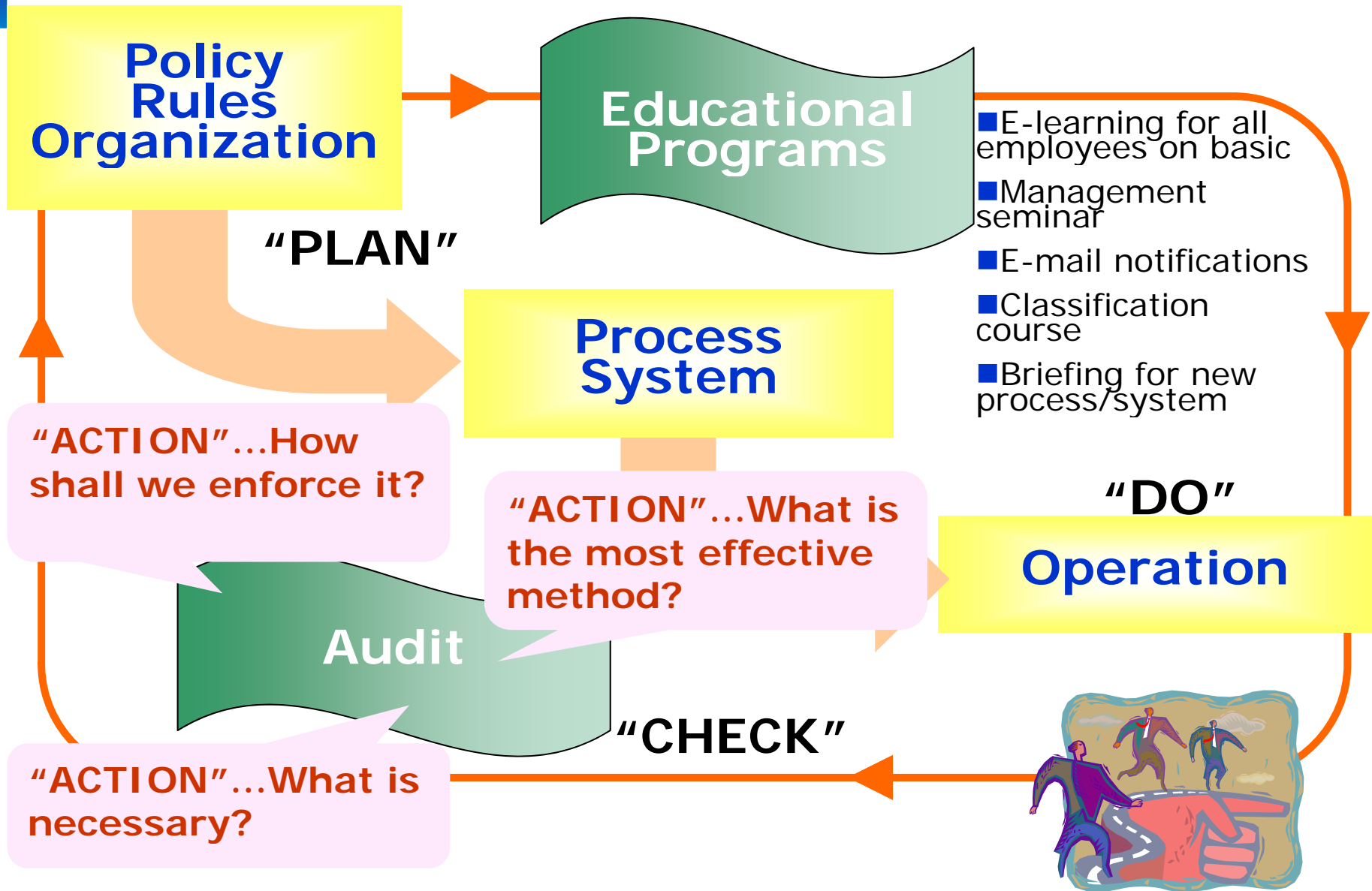
Internal Process Flow

Supportive Computer Systems



Internal Process Flow

Educational Programs and Internal Audits



Enhancement of Global Compliance

Enhancement of Global Compliance

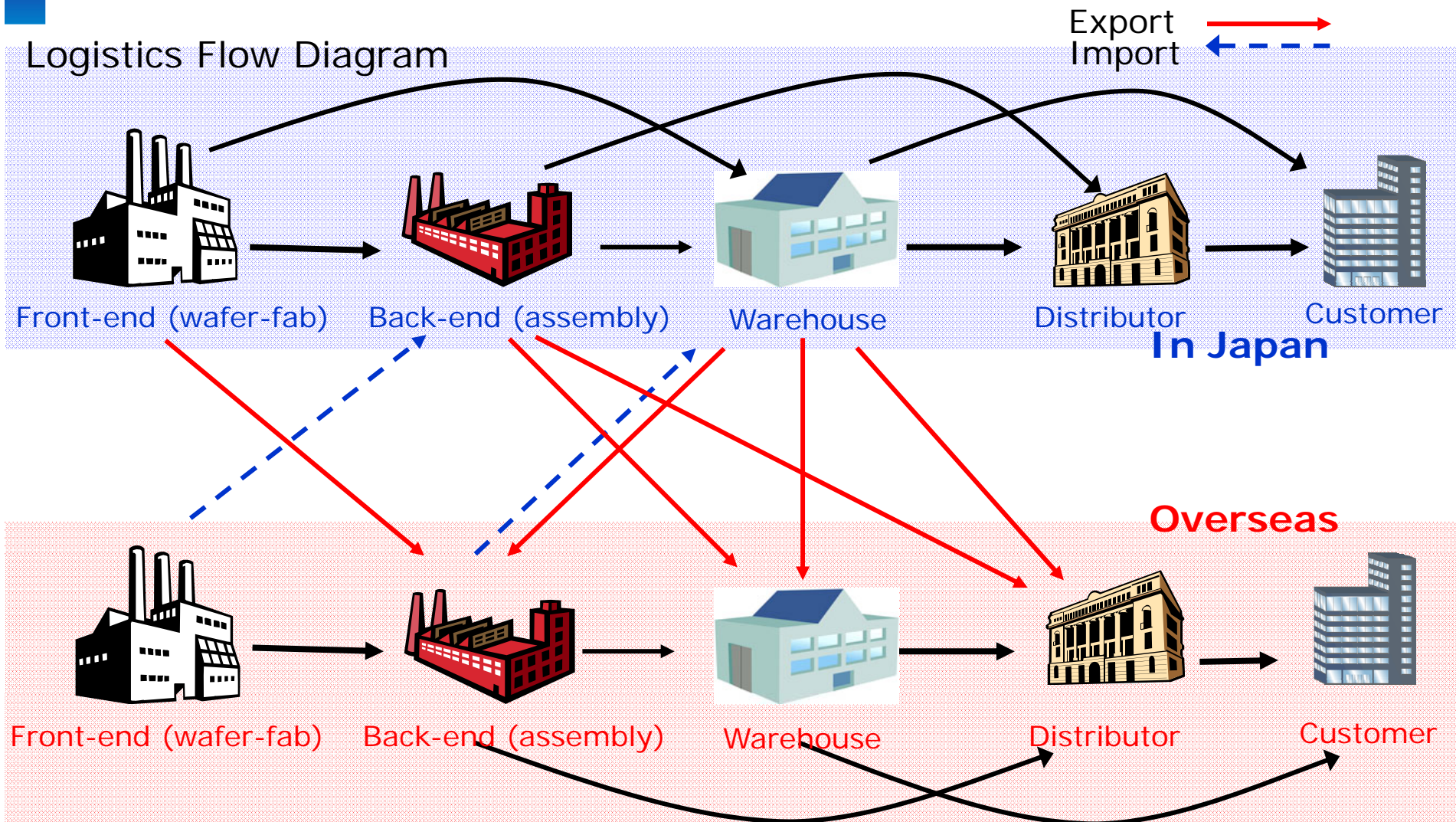
Adherence to Corporate Philosophy Common Worldwide

Renesas Policy is enforced all over the world.

- **'Promissory Letter' with CEO's signatures of all overseas group companies**
- **'Export Control Administrator (=ECA)' assigned by CEO as an organizer and liaison to HQ**
- **'Internal Export Compliance Program (=IECP)' established by ECA based on a model and instructions provided by HQ**
- **Some extra screening items stipulated in IECP for Japan's utility**
- **Criteria for 'Go' 'No-Go' judgment are implemented at all overseas group companies**
- **Paper & field audit by HQ**

Authorized Economic Operator (A.E.O.)

Authorized Economic Operator (A.E.O.)



Renesas Electronics is qualified as A.E.O.

A.E.O.'s advantages are essential for Renesas Electronics to handle huge numbers of export items correctly and timely.