

Environmental Data

Global Warming Prevention

GHG Emissions Report Based on GHG Protocol ★ Indicators assured by third party

Indicator		FY2018	FY2019	FY2020	FY2021
Upstream (Scope 3) [ktons-CO₂]					
	Purchased goods and service	1,840	1,436	1,104	1,207 ★
	Capital goods	6	9	15	13
	Fuel and energy-related activities not included in Scopes 1 and 2	71	133	99	94
	Transportation and distribution (Upstream)	69	64	53	71
	Waste generated in operations	5	N/A	N/A	N/A
	Business travel	93	155	27	23
	Employee commuting	68	52	5	6
	Leased assets (Upstream)	281	115	88	64
Reporting company (Scope 1, 2) [ktons-CO₂]					
	Direct emissions (Scope1)	147	87	75	70 ★
	Indirect emissions from energy sources (Scope2)	808 *1 771 *2	715 *1 663 *2	583 *1 540 *2	530 (*1) ★ 428 (*2) ★
Downstream (Scope 3) [ktons-CO₂]					
	Transportation and distribution (Downstream)	N/A (*3)	N/A	N/A	N/A
	Processing of sold products	23	14	12	16
	Use of sold products	3,649	3,791	3,094	3,142 ★
	End-of-life treatment of sold products	N/A	N/A	N/A	8 ★
	Leased assets (Downstream)	N/A	N/A	N/A	N/A
	Franchises	N/A	N/A	N/A	N/A
	Investment	N/A	N/A	N/A	N/A

(*1) Location-based

(*2) Market-based

(*3) N/A : Not Applicable

Environmental Data

Material Balance

Environmental impact of business activities

★ Indicators assured by third party

INPUT

	Stage	Unit	FY2018	FY2019	FY2020	FY2021
Design / Procurement / Manufacturing / Development	Raw Materials					
	Metal	ktons	15	19	13 (*2)	11
	Plastic	ktons	7	7	5	5
	Others	ktons	12	13	10 (*2)	9
	Chemical Substances (*1)					
	VOC	ktons	1.1	0.6	0.3	0.3
	PRTR	ktons	10.4	9.6	9.8	9.5
	Water					
	Water usage	Million m ³	13.83	991	6.77	6.89★
	Energy					
	Total	PJ	17.35	16.30	13.78	13.00★
	Purchased electricity	GWh	1,614	1,477	1,240	1,165
	Heavy oil, kerosene, etc.	kL	6,822	3,570	2,898	2,593
	LPG, LNG	tons	2,222	2,115	2,078	1,982
	Natural gas, city gas	Million m ³	28.01	28.93	25.24	24.99
	District heating and cooling	TJ	41	37	52	42
Distribution / Sales	Energy					
	Fuel (light oil, gasoline, etc.)	PJ	1.02	0.95	0.77	1.03
Usage	Energy					
	Electricity	GWh (PJ)	7,356 (73.34)	8,224 (81.99)	8,783 (*2) (87.56) (*2)	7,125 (71.04)
Collection / Reuse / Recycling	Resources recycling rate	%	91.7	91.1	91.6	92.9
	Amount processed	tons	3,436	3,210	2,991	2,393

OUTPUT

Stage		Unit	FY2018	FY2019	FY2020	FY2021
Design / Procurement / Manufacturing / Development	Raw Materials					
	CO ₂ emissions	ktons-CO ₂	410	450	340 (*2)	290
	Chemical Substances (*1)					
	VOC	tons	178	161	135	157★
	PRTR	tons	9	8	6	6★
	Atmospheric Release					
	Total GHG emissions	ktons-CO ₂	955	802	658	600★
	CO ₂ (*3)	ktons-CO ₂	895	795	653	598★
	GHG other than CO ₂ (PFCs, HFCs, SF ₆ , NF ₃ , others)	ktons-CO ₂	60	7	5	2★
	NOx	tons	32	47	26	10
	SOx	tons	4	1	1	0.3
	Water Discharge					
	Total	Million m ³	12.65	9.06	6.48	6.68
	BOD	tons	270	274	303	301
	COD	tons	55	35	9	15
	Waste					
	Amount of Waste Generated	ktons	19.0	15.7	11.0	12.5★
	Thermal recycling volume	ktons	4.0	3.0	1.7	2.0★
	Material recycling volume	ktons	14.3	12.0	8.8	9.8★
	Disposal volume	ktons	0.7	0.6	0.5	0.7★
Distribution / Sales	Atmospheric Release					
	CO ₂	ktons-CO ₂	69	64	53	71
Usage	Atmospheric Release					
	CO ₂	Million tons-CO ₂	3.65	3.79	390 (*2)	3.14★

(*1) Substances that qualify as both a PRTR targeted chemical and a VOC are included under "VOCs" only.

(*2) In line with the improvement in the accuracy of data collection, we have retroactively adjusted these figures in FY 2020.

(*3) Location-based

Environmental Data

Environmental Performance Data Calculation Standards

- Applicable Period: April 1, 2021 – March 31, 2022

Fujitsu Group Environmental Action Plan (Stage X)

Boundary : Refer to 5 -3 -3 in this Book

Target Item	Indicator	Unit	Calculation Method
Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more, compared with the base year of FY2013.	GHG emissions	tons-CO ₂	<ul style="list-style-type: none"> • Amount of CO₂ emissions: $\Sigma [(fuel\ oil, gas\ annual\ usage) \times CO_2\ conversion\ factor\ for\ each\ type\ of\ energy^*]$ *CO₂ conversion factor: Conversion factor based on the Act on Promotion of Global Warming Countermeasures • Location-based: <ul style="list-style-type: none"> • Japan: Usage of 0.441 tons-CO₂/MWh in FY 2020 (Source: Adjusted emission factors from the Electric Power Council for a Low Carbon Society) • Overseas: Latest IEA value (IEA CO₂ Emissions from Fuel Combustion 2021) • Market-based: <ul style="list-style-type: none"> • Japan: FY 2020 emission factors for each power producer are used (adjusted emission factors) (Source: GHG Emissions Accounting, Reporting, and Disclosure System List of Emission Factors by Power Producer) • Overseas: Value of the power company or the latest IEA value (IEA CO₂ Emissions from Fuel Combustion 2021)
	Rate of reduction of GHG due to voluntary efforts	%	$(Total\ amount\ of\ GHG\ reductions\ due\ to\ voluntary\ efforts / total\ amount\ of\ GHG\ emissions\ in\ the\ previous\ fiscal\ year) \times 100$
Improve PUE (Power Usage Effectiveness) of our data centers by 3%, compared with FY 2017.	Rate of PUE improvements	%	<ul style="list-style-type: none"> • $PUE = \Sigma (Total\ DC\ energy\ consumption) \div \Sigma (Total\ IT\ device\ energy\ consumption)$ Σ: Combined total energy of the 23 main DCs • Rate of improvement (%) = $(Base\ fiscal\ year\ PUE - PUE\ for\ the\ current\ fiscal\ year) \div Base\ fiscal\ year\ PUE \times 100$ Base fiscal year: FY 2017
Increase renewable energy usage to 16% of total electricity.	Ratio of renewable energy use	%	Ratio of the total amount of electricity generated by the company and purchased from outside using renewable energy (Solar, wind, hydro, biomass, geothermal, etc.) used in the fiscal year to the amount of electricity used in the fiscal year

Reduce CO ₂ emissions due to power consumption during product usage by 17% or more, compared with FY2013.	Rate of reduction in CO ₂ emissions when products are used	%	Rate of reduction in GHG emissions based on FY 2013 emissions, as calculated under Scope 3: Use of sold products through downstream
Promote eco design for resource saving and circulation and increase resource efficiency of newly developed products by 10% or more, compared with FY 2019.	Rate of improvement of resource efficiency of new products	%	<ul style="list-style-type: none"> The average rate of improvement of resource efficiency (versus FY 2019) of products*. * Hardware products under the Fujitsu Brand, newly developed between FY 2021 and FY 2022. Excludes products not designed by Fujitsu (OEM products) and products designed under customer specifications. * Refer to "Improving resource efficiency of products" for the resource efficiency calculation method.
Reduce water usage by 30,000 kiloliters or more by implementing water resource conservation measures.	Amount of water usage reduction	m ³	Take the accumulated impact (actual or estimated) of water use reduction measures implemented at each business site, and calculate the amount of reduction for the relevant fiscal year

GHG Emissions Amount Report based on GHG Protocol

Indicator		Unit	Calculation Method
Upstream (Scope 3)	Purchased goods and services	tons-CO ₂	Components purchased during the fiscal year x Emissions per unit of purchase The procurement volume is for the Fujitsu Group's centralized purchasing and does not include voluntary procurement by each Group company (Source: Embodied Energy and Emissions Intensity Data (3EID) published by the National Institute for Environmental Studies Center for Global Environmental Research)
	Capital goods	tons-CO ₂	Total amount of acceptance inspection of construction objects in the fiscal year x emission intensity (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.2 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry)
	Fuel and energy-related items not included in Scope 1 or 2)	tons-CO ₂	Annual amounts of fuel oil and gas, electricity and heat purchased (consumed) mainly at business sites owned by Fujitsu x Emissions per unit (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.1 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry, Based on the Japanese emissions intensity database, IDEA v2.3 (For calculating greenhouse gas emissions in the supply chain)
	Transportation and distribution (upstream)	tons-CO ₂	Transportation of goods within Japan: CO ₂ emissions related to the transportation of goods within Japan by the Fujitsu Group * CO ₂ emissions related to domestic transportation by the Fujitsu Group, based on the Act on the Rational Use of Energy as a source. The fuel economy method (for some vehicles) or the improved ton-kilometer method (vehicle, rail, air)
		tons-CO ₂	International transport/overseas local transport: transportation ton-kilometer x Emission per unit (Source: GHG protocol emissions coefficient database)
	Waste generated in operations	tons-CO ₂	Annual amounts of waste (discharged mainly by business sites owned by Fujitsu) processed or recycled, by type and processing method x Emissions per unit of annual amount of waste processed or recycled (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.2 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry, Based on the Japanese emissions intensity database, IDEA v2.3 (For calculating greenhouse gas emissions in the supply chain)

	Business travel	tons-CO ₂	(By means of transport) Σ (Transportation expense payment x Emissions per unit) (Source: Basic Guidelines for Calculating Greenhouse Gas Emissions Via Supply Chains Ver. 2.3 and Emissions per Unit Database Ver. 3.1 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry)
	Employee commuting	tons-CO ₂	For portions of commute by public transportation: (By means of transport) Σ (Transportation expense payment x Emissions per unit) (Source: Same as above) For portions of commute by private automobile: Σ (Transported persons-kilometer x Emissions per unit) (Source: Same as above) Transported persons-kilometer : calculated from transportation expense payment, price of gasoline, and fuel efficiency
	Leased assets (Upstream)	tons-CO ₂	Annual amounts of fuel oil, gas, electricity, and heat consumed mainly at leased business sites x Emissions per unit of fuel oil, gas, electricity, and heat consumed (Sources – Japan: Act on Promotion of Global Warming Countermeasures – GHG Emissions Accounting, Reporting, and Disclosure System; Overseas: IEA CO ₂ Emissions from Fuel Combustion Highlights 2021)
Reporting company (Scope 1, 2)	Direct emissions	tons-CO ₂	Amount of CO ₂ emissions from the consumption of fuel oil and gas (burning of fuel) and GHG emissions other than CO ₂ , mainly at business sites owned by Fujitsu * For the calculation method, see “Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more” in the Environmental Action Plan (Stage X)
	Indirect emissions from energy sources	tons-CO ₂	CO ₂ emissions from the consumption (purchase) of electricity and heat mainly at business sites owned by Fujitsu * For the calculation method, see “Reduce greenhouse gas (GHG) emissions from business sites each year by 4.2% or more” in the Environmental Action Plan (Stage X).
Downstream (Scope 3)	Processing of sold products	tons-CO ₂	Intermediate product sales volume* ¹ x Emissions per unit of processing volume* ² * ¹ Intermediate product sales volume refers to Fujitsu's device solution sales * ² Emissions per unit of processing volume is calculated from Fujitsu's FY 2015 assembly plant data
	Use of sold products	tons-CO ₂	Electricity consumption during product use* x Emissions per unit electricity (Source: CO ₂ emission coefficient of The Electric Power Council for a Low Carbon Society (FY2020 results)) * Electricity consumption during product use: Calculated as power consumption per unit of each major product shipped in the fiscal year* ¹ during the estimated time of use x Units shipped for the subject fiscal year. Electricity usage for the anticipated usage time per product unit is calculated as electricity consumed (kW) x Time used (h / Days) x Number of days used / Year x Number of years used. Time used (h), number of days used per year, and number of years used are set according to Fujitsu's internal scenarios
	End-of-life treatment of sold products	tons-CO ₂	Σ (Weight of major products sold during the fiscal year * ¹ by type (t) x Percentage of waste by type and treatment method (%) * ³ x Emissions intensity by type and treatment method (tCO ₂ e/t)) (Source: Database for calculating an organization's greenhouse gas emissions through its supply chain ver. 3.2 published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry. The emission intensity includes the transportation stage of waste.) * ³ The percentage by type of waste and disposal method is calculated based on the waste disposal results of our company Recycling Center in the previous fiscal year for products sold, and based on the waste disposal results of the PC3R Promotion Association for the current fiscal year for other products collected.

Response to Environmental Risks: Environmental Liabilities

Indicator	Unit	Calculation Method
Cost of environmental liabilities	Yen	1. Asset retirement obligation (Only asbestos removal cost related to facility disposal) 2. Cost for soil contamination countermeasures 3. Disposal processing cost for waste with high concentration of PCB (polychlorinated biphenyl)

Response to Environmental Risks: Preventing Soil and Groundwater Pollution

Indicator	Unit	Calculation Method
Measured value of groundwater pollution	mg/L	The highest value in the fiscal year for substances detected at levels exceeding regulated levels set in the Soil Contamination Countermeasures Act, etc., at monitoring wells at the boundaries of sites where past business activities have resulted in soil contamination

Material Balance

Boundary : Refer to the ["List of Organizations Covered by the Report on Environmental Activities"](#) or 5-3-4-10~5-3-4-13 in this book.

Indicator		Unit	Calculation Method	
INPUT				
Design/ Procurement/ Manufacturing/ Development	Raw Materials		tons	Material inputs to our major products *1 shipped from plants in the fiscal year (raw materials per unit for each product x The number of units shipped in the fiscal year)
	Chemical Substances	Volume of substances subject to VOC emissions restrictions	tons	Of the 20 VOCs (Volatile Organic Compounds) specified in the environmental voluntary action plans of the four electrical and electronic industry associations*2, total amounts handled are provided for those substances handled in quantities exceeding 100 kg annually per substance at individual business sites, including overseas sites Substances subject to VOC emissions controls that are also covered by the PRTR law are included in the section on substances subject to VOC emissions controls
		Volume of PRTR-targeted substances	tons	Of the substances covered by the PRTR law (Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environmental and Promotion of Improvements to the Management Thereof), totals are provided for those substances handled in quantities exceeding 100 kg annually per substance per business site, including overseas sites
	Amount of water used		m³	Annual use of clean water, industrial water and groundwater (not including groundwater used for melting snow or extracted for purification.)
	Amount of Recycled water		m³	Annual amount of water used for manufacturing and other purposes once, then recovered, processed, and used again for manufacturing and other processes.
	Energy consumption (calorie basis)		GJ	Σ [(Purchased electricity, fuel oil and gas, and district heating and cooling annual usage) x Thermal conversion factor for each type of energy*] * Thermal conversion factor (Heating value unit): According to the “Act on the Rational Use, etc., of Energy,” conversion factors from each supplier or 44.8 GJ/1000 m³ were used for town gas.

		Purchased electricity	MWh	Annual electricity purchases
		Bunker A, fuel oil, light oil, benzine, gasoline	kL	Annual fuel oil usage (or purchases)
		Natural gas	m ³	Annual natural gas usage (or purchases)
		Town gas	m ³	Annual town gas usage (or purchases)
		LPG	tons	Annual LPG usage (or purchases)
		LNG	tons	Annual LNG usage (or purchases)
		District heating and cooling	GJ	Annual district heating and cooling (cold and hot water for cooling and heating) usage (or purchases)
Distribution / Sales	Energy consumed for transport		GJ	Total value of transport energy consumption for Fujitsu* ¹ and Fujitsu Group companies * ² *1 Fujitsu (domestic transport): Energy consumption related to domestic transport by the Fujitsu Group, based on the Act on the Rational Use of Energy "Logistics." *2 Fujitsu Group Companies: Calculated from the transport CO ₂ emissions from OUTPUT (distribution and sales) using the ratio of Fujitsu (domestic transport) transport energy consumption to transport CO ₂ emissions.
Use of sold Products	Energy	Electricity	GWh	Electricity consumed in connection with major products * ¹ shipped from plants during the fiscal year (Amount of electricity used for time estimated per product unit x Units shipped in the fiscal year) * Calorific value conversion factor (unit heat generation): in accordance with the "Law Concerning the Rational Use of Energy."
			GJ	
Recycling of resources	Resource recycling rate		%	Based on the calculation method provided by JEITA, recycled components and resources are calculated as a percentage of the weight of used products processed in Japan. Excludes collected waste other than used electronic products.
	Processed volume		tons	
OUTPUT				
Design/ Procurement/ Manufacturing/ Development	Raw Materials	CO ₂ emissions	tons -CO ₂	CO ₂ emissions related to all stages from resource extraction through processing into raw materials (CO ₂ emissions equivalent for raw materials used per product unit x Units shipped in the fiscal year) for the raw materials used in major products* ¹ shipped from plants in the fiscal year
	Chemical Substances	Volume of substances subject to VOC emissions restrictions	tons	Of the 20 VOCs (Volatile Organic Compounds) specified in the environmental voluntary action plans of the four electrical and electronic industry associations* ² , total amounts released are provided for those substances handled in quantities exceeding 100 kg annually per substance at individual business sites, including overseas sites. Substances subject to VOC emissions controls that are also covered by the PRTR law are included in the section on substances subject to VOC emissions controls.
		Volume of PRTR-targeted substances released	tons	Of the substances covered by the PRTR law (Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof), released totals are provided for those substances handled in quantities exceeding 100 kg annually per substance per business site, including overseas sites.

	Atmospheric pollution	CO ₂ emissions	tons-CO ₂	* For the calculation method, see "Greenhouse gas emissions (CO ₂ emissions) from business sites" in the Environmental Action Plan (Stage X).
		GHG emissions other than CO ₂	tons-CO ₂	* For the calculation method, see "Greenhouse gas emissions (GHG emissions other than CO ₂) from business sites" in the Environmental Action Plan (Stage X).
		NOx emissions	tons	NOx concentration (ppm) x 10 ⁻⁶ x Dry gas emissions (m ³ N/hr) x Operating time (hr/yr) x 46/22.4 x 10 ⁻³
		Sox emissions	tons	SOx concentration (ppm) x 10 ⁻⁶ x Dry gas emissions (m ³ N/hr) x Operating time (hr/yr) x 64/22.4 x 10 ⁻³
	Water Discharge	Wastewater discharges	m ³	Annual water discharge into public waterways and sewers (not including groundwater used for melting snow, but including groundwater extracted for purification when the amount of water is known)
		BOD emissions	tons	BOD concentration (mg/l) x Water discharges (m ³ /yr) x 10 ⁻⁶
		COD emissions	tons	COD concentration (mg/l) x Water discharges (m ³ /yr) x 10 ⁻⁶
	Waste	Amount of waste generated	tons	Total value obtained by adding the total amount of effective utilization (thermal recycling, material recycling) and the amount of waste processed
		Thermal recycling volume	tons	Among all types of waste put to effective use, the total volume used in thermal recycling * Thermal recycling: Recovery and use of the heat energy generated by incinerating waste
		Material recycling volume	tons	Among all types of waste put to effective use, the total volume used in material recycling * Material recycling: Processing of waste to facilitate its reuse, and re-use of processed waste as material or raw materials for new products
		Disposal volume	tons	Volume of industrial and general waste processed by, for example, landfilling or simple incineration
Distribution / Sales	Atmospheric Release		tons-CO ₂	* For the calculation method, see "Transportation and distribution (upstream)" in the GHG Emissions Report based on GHG Protocol Standards.
Use of sold Products	Atmospheric Release		tons-CO ₂	For the calculation method, see "Use of sold products" in the GHG Emissions Report based on GHG Protocol Standards.

*1 Major products:

Personal computers, servers, workstations, storage systems, printers, scanners, financial terminals, retail terminals, routers, LAN access equipment, access network products, mobile phone base stations and electronic devices

*2 Four electrical and electronic industry associations:

The Japan Electrical Manufacturers' Association (JEMA), Japan Electronics and Information Technology Industries Association (JEITA), Communications and Information Network Association of Japan (CIAJ), and Japan Business Machine and Information System Industries Association (JBMI).

Environmental Data

List of Organizations Covered by the Report on Environmental Activities in FY2021

Organizations covered by the report

The coverage is of Fujitsu itself plus a total of 99 companies centering on consolidated subsidiaries that have built environmental management systems. The table below shows the organizations*1 for which individual performance data is gathered.

*1 The following company names are as of March 31, 2022.

Organizations covered by each Indicators

- ①GHG emissions : All Fujitsu Group business sites
- ②Scope 1, 2 : Fujitsu and the Fujitsu Group's own offices and managed rental offices
- ③Energy : Fujitsu and the Fujitsu Group's own offices and managed rental offices
- ④Water : Japan; Fujitsu and Fujitsu Group offices excluded datacenters
Overseas; Fujitsu and Fujitsu Group manufacturing sites
- ⑤Waste : Japan; Fujitsu offices excluded datacenters and Fujitsu Group manufacturing sites.
From FY 2021, waste plastics from rental offices are included in the calculation.
Overseas; Fujitsu and Fujitsu Group manufacturing sites
- ⑥Chemical : Fujitsu and Fujitsu Group manufacturing sites
*The sites that handle less than 100 kg per substance per year are excluded.
- ⑦EMS : Organizations with Environmental Management Systems (EMS). Including organizations with voluntary EMS

Headquarters

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	Fujitsu Limited	✓	✓	✓	✓	✓	✓	✓

Fujitsu Group companies in Japan (71companies)

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	FUJITSU HOME & OFFICE SERVICES LIMITED	✓						✓
2	Kawasaki Frontale Limited	✓						✓
3	Fujitsu Techno Research Limited	✓						✓
4	Toyama Fujitsu Limited	✓	✓	✓	✓			✓
5	Fujitsu Facilities Limited	✓						✓
6	DIGITAL PROCESS LTD.	✓						✓
7	PFU LIMITED	✓	✓	✓	✓	✓	✓	✓
8	FUJITSU BANKING SOLUTIONS LIMITED	✓						✓

9	SHIGA FUJITSU SOFTWARE LIMITED	✓						✓
10	FUJITSU KAGOSHIMA INFORNET LIMITED	✓						✓
11	FUJITSU CLOUD TECHNOLOGIES LIMITED	✓						✓
12	G-Search Limited	✓						✓
13	FUJITSU FSAS INC.	✓						✓
14	FUJITSU COMMUNICATION SERVICES LIMITED	✓						✓
15	FUJITSU NETWORK SOLUTIONS LIMITED	✓						✓
16	Fujitsu Frontech Limited	✓	✓	✓	✓	✓	✓	✓
17	Fujitsu Japan Limited	✓						✓
18	FUJITSU SYSTEM INTEGRATION LABORATORIES LIMITED	✓						✓
19	FUJITSU TOKKI SYSTEMS LIMITED	✓						✓
20	FUJITSU DEFENSE SYSTEMS ENGINEERING LIMITED	✓						✓
21	FUJITSU LEARNING MEDIA LIMITED	✓						✓
22	FUJITSU RESEARCH INSTITUTE	✓						✓
23	FUJITSU CoWorCo LIMITED	✓						✓
24	TWO-ONE LIMITED	✓						✓
25	FUJITSU I-NETWORK SYSTEMS LIMITED	✓	✓	✓	✓	✓	✓	✓
26	FUJITSU MIDDLEWARE LIMITED	✓						✓
27	Fujitsu Kyushu Network Technologies Limited	✓						✓
28	Fujitsu Telecom Networks Limited	✓	✓	✓	✓	✓	✓	✓
29	FUJITSU COMPUTER TECHNOLOGIES LIMITED	✓						✓
30	FUJITSU IT PRODUCTS LIMITED	✓	✓	✓	✓	✓	✓	✓
31	Fujitsu Isotec Limited	✓	✓	✓	✓	✓	✓	✓
32	FUJITSU PERSONAL SYSTEM LIMITED	✓						✓
33	FUJITSU QUALITY LABORATORY LIMITED	✓						✓
34	FUJITSU QUALITY LABORATORY ENVIRONMENT CENTER LTD.	✓						✓
35	Fujitsu Optical Components Limited	✓	✓	✓	✓	✓	✓	✓
36	FUJITSU KANSAI-CHUBU NET-TECH LIMITED	✓						✓
37	Fujitsu Mission Critical Software LTD.	✓						✓
38	FDK CORPORATION	✓	✓	✓	✓	✓	✓	✓
39	Transtron Inc.	✓	✓	✓	✓	✓		✓
40	SHINKO ELECTRIC INDUSTRIES CO. LTD.	✓	✓	✓	✓	✓	✓	✓
41	FUJITSU SEMICONDUCTOR LIMITED	✓						✓
42	Fujitsu Advanced Technologies Limited	✓						✓
43	FUJITSU CAPITAL LIMITED	✓						✓
44	FUJITSU DATA CENTER SERVICE CORPORATION	✓						✓
45	AFSW Inc.	✓	✓	✓	✓	✓	✓	✓
46	FUJITSU SEMICONDUCTOR MEMORY SOLUTION LIMITED	✓						✓

47	Fujitsu IT Management Partner Co. Ltd.	✓						✓
48	Fujitsu IS Service Limited	✓						✓
49	FUJITSU ADVANCED SYSTEMS LIMITED	✓						✓
50	FUJITSU SHIKOKU INFOTEC LIMITED	✓						✓
51	Ridgelinez Limited	✓						✓
52	FUJITSU NETWORK SERVICE ENGINEERING LIMITED	✓						✓
53	FUJITSU SOCIAL LIFE SYSTEMS LIMITED	✓						✓
54	Mobile Techno Corp.	✓						✓
55	Per Te Corporation	✓						✓
56	Care Net Ltd.	✓						✓
57	Fujitsu Advance Accounting service Limited	✓						✓
58	Fujitsu Harmony Limited	✓						✓
59	UCOT Infotechno co., Ltd	✓						✓
60	AB System Solutions Limited	✓						✓
61	ZIS INFORMATION TECHNOLOGY CORPORATION	✓						✓
62	Fujitsu Yamagata Information Technology Limited.	✓						✓
63	BANKING CHANNEL SOLUTIONS Limited	✓						✓
64	IT MANAGEMENT PARTNERS LIMITED	✓						✓
65	YJK Solutions Co., Ltd.	✓						✓
66	Best Life Promotion Ltd.	✓						✓
67	Fujitsu Traffic & Road Data Service Limited	✓						✓
68	Fujitsu Engineering Technologies Limited	✓						✓
69	Smart Agriculture IWATA Co., Ltd.	✓						✓
70	Grand Bouquet Otaki, K.K.	✓						✓
71	FITEC	✓						✓

Fujitsu Group companies worldwide (27 companies)

No.	Company name	①	②	③	④	⑤	⑥	⑦
1	江蘇富士通通信技術有限公司 (Jiangsu Fujitsu Telecommunications Technology Co., Ltd.)	✓	✓	✓	✓	✓		✓
2	FUJITSU HONG KONG LIMITED	✓						✓
3	FUJITSU DO BRASIL LIMITADA	✓	✓	✓				✓
4	FUJITSU ASIA PTE LTD	✓						✓
5	FUJITSU NETWORK COMMUNICATIONS, INCORPORATED	✓	✓	✓	✓	✓		✓
6	Fujitsu America, Inc.	✓	✓	✓				✓
7	FUJITSU BUSINESS TECHNOLOGIES ASIA PACIFIC LIMITED	✓						✓
8	FUJITSU AUSTRALIA LIMITED	✓	✓	✓				✓
9	Fujitsu Technology Solutions GmbH	✓	✓	✓				✓

10	南京富士通南大軟件技術有限公司 (Nanjing Fujitsu Nanda Software Technology Co., Ltd.)	✓						✓
11	FUJITSU SERVICES LIMITED	✓	✓	✓				✓
12	FUJITSU KOREA LIMITED	✓						✓
13	台灣富士通股分有限公司 (FUJITSU TAIWAN LIMITED)	✓						✓
14	富士通(中国)信息系統有限公司 (Fujitsu (China) Holdings Co., Ltd.)	✓						✓
15	Fujitsu Technology and Business of America, Inc.	✓						✓
16	富士通(西安)系統工程有限公司 (FUJITSU (XI'AN) SYSTEM ENGINEERING Co., Ltd.)	✓						✓
17	北京富士通系統工程有限公司 (Beijing Fujitsu System Engineering Co., LTD.)	✓						✓
18	Fujitsu Glovia, Inc.	✓						✓
19	FUJITSU AUSTRALIA SOFTWARE TECHNOLOGY PTY. LTD.	✓						✓
20	FUJITSU Enabling Software Technology GmbH	✓						✓
21	富士通(中国)有限公司 (FUJITSU (CHINA) Co., Ltd.)	✓						✓
22	Fujitsu Finance America, Inc.	✓						✓
23	FUJITSU EMEA PLC	✓						✓
24	Fujitsu RunMyProcess SAS	✓						✓
25	Fujitsu Systems Global Solutions Management Sdn. Bhd.	✓						✓
26	FUJITSU CONSULTING INDIA PRIVATE LIMITED	✓	✓	✓				
27	FUJITSU CONSULTING COSTA RICA, S.A	✓						