

Consolidated Subsidiaries

Company Name [Residence] **Country** (*foreign entity only*) Ownership %

JAPAN

Fujitsu Laboratories Ltd. [Kawasaki] 100%	Fujitsu Sinter Ltd. [Kawasaki] 100%
Fujitsu Denso Ltd. [Kawasaki] 51%	Fujitsu Kosan Ltd. [Tokyo] 100%
FDK Corporation [Tokyo] 51%	Fujitsu Chugoku Systems Ltd. [Hiroshima] 100%
Shinko Electric Industries Co., Ltd. [Nagano] 50%	Fujitsu International Engineering Ltd. [Kawasaki] 100%
Fujitsu Systems Construction Ltd. [Tokyo] 67%	Fujitsu Office Machines Ltd. [Tokyo] 100%
Fujitsu Support and Service Inc. [Tokyo] 56%	Fujitsu Kyushu System Engineering Ltd. [Fukuoka] 90%
Takamisawa Electric Co., Ltd. [Tokyo] 53%	Fujitsu Communication Systems Ltd. [Yokohama] 100%
Fujitsu Kiden Ltd. [Tokyo] 54%	Fujitsu Peripherals Ltd. [Hyogo] 100%
Fujitsu Devices Inc. [Tokyo] 67%	Fujitsu Social Systems Engineering Ltd. [Tokyo] 100%
Fujitsu Business Systems Ltd. [Tokyo] 53%	Fujitsu Chubu Systems Ltd. [Nagoya] 100%
Fujitsu AMD Semiconductor Ltd. [Fukushima] 50%	Fujitsu Network Engineering Ltd. [Kawasaki] 100%
Fujitsu TEN Ltd. [Kobe] 55%	Fujitsu Learning Media Ltd. [Tokyo] 100%
Fujitsu Takamisawa Component Ltd. [Tokyo] 100%	Fujitsu Basic Software Corporation [Tokyo] 70%
PFU Ltd. [Ishikawa] 56%	Fujitsu Kanto Systems Ltd. [Saitama] 100%
Fujitsu Quantum Devices Ltd. [Yamanashi] 100%	Shin-etsu Fujitsu Ltd. [Nagano] 88%
Fujitsu Media Devices Ltd. [Nagano] 100%	Fujitsu Financial Solutions and Outsourcing Ltd. [Osaka] 100%
Fujitsu FIP Corporation [Tokyo] 100%	Fujitsu LSI Technology Ltd. [Kawasaki] 100%
Fujitsu Automation Ltd. [Tochigi] 100%	Fujitsu Kansai System Engineering Ltd. [Osaka] 100%
Fujitsu I Network Systems Ltd. [Tokyo] 55%	Fujitsu Research Institute [Tokyo] 100%
Fujitsu Isotec Ltd. [Tokyo] 100%	Fujitsu Terminal Systems Ltd. [Gunma] 100%
Kyushu Fujitsu Electronics Ltd. [Kagoshima] 100%	Fujitsu Technosystems Ltd. [Tokyo] 100%
Transtron Inc. [Kawasaki] 51%	Fujitsu Digital Technology Ltd. [Yokohama] 100%
NIFTY Corporation [Tokyo] 100%	Fujitsu Tohoku Systems Engineering Ltd. [Miyagi] 100%
Fujitsu Personal System Ltd. [Tokyo] 100%	Fujitsu Nagano Systems Engineering Ltd. [Nagano] 100%
Fujitsu Products and Supplies Ltd. [Tokyo] 100%	Fujitsu Middleware Ltd. [Yokohama] 80%
Fujitsu Kasei Ltd. [Yokohama] 100%	Nihon Dengyo Ltd. [Tokyo] 74%
Fujitsu Tokyo Systems Ltd. [Tokyo] 92%	Fujitsu Tokushima Systems Engineering Ltd. [Tokushima] 100%
Fujitsu System Integration Laboratories Ltd. [Kawasaki] 100%	Fujitsu Hokkaido Systems Engineering Ltd. [Sapporo] 100%
Fujitsu Fudosan Ltd. [Kawasaki] 100%	Fujitsu Advanced Printing & Publishing Co., Ltd. [Kawasaki] 100%
G-Search Ltd. [Tokyo] 65%	Fujitsu Oita Software Laboratories Ltd. [Oita] 80%
Fujitsu VLSI Ltd. [Aichi] 100%	Fujitsu Hokuriku Systems Ltd. [Ishikawa] 100%
Corporate Software Ltd. [Tokyo] 55%	Okinawa Fujitsu Systems Engineering Ltd. [Okinawa] 100%
Shimane Fujitsu Ltd. [Shimane] 100%	Kagoshima Infonet Ltd. [Kagoshima] 65%
Fujitsu Kawasaki Sports Management Ltd. [Kawasaki] 100%	Fujitsu Aichi Engineering Ltd. [Nagoya] 100%
Fujitsu Social Science Laboratory Ltd. [Tokyo] 100%	Fujitsu Aomori Systems Engineering Ltd. [Aomori] 100%
Fujitsu Tohoku Electronics Ltd. [Fukushima] 100%	Fujitsu Akita Systems Engineering Ltd. [Akita] 100%
Fujitsu Miyagi Electronics Ltd. [Miyagi] 100%	Fujitsu Store Automation Systems Ltd. [Tokyo] 100%
Yamagata Fujitsu Ltd. [Yamagata] 100%	Fujitsu Ehime Information Systems Ltd. [Ehime] 100%
Toyama Fujitsu Ltd. [Toyama] 100%	Fujitsu Oasys Development Ltd. [Niigata] 100%
Fujitsu Financial Systems Ltd. [Tokyo] 100%	Fujitsu Okayama Systems Engineering Ltd. [Okayama] 70%
Fujitsu Logistics Ltd. [Yokohama] 100%	Fujitsu Kansai Communication Systems Ltd. [Osaka] 100%
	Fujitsu Kansai Digital Technology Ltd. [Osaka] 100%
	Fujitsu CAD Tech Ltd. [Tochigi] 100%
	Fujitsu Capital Ltd. [Tokyo] 100%

Fujitsu Kyushu Communication Systems Ltd. [Fukuoka] 100%
 Fujitsu Kyushu Digital Technology Ltd. [Fukuoka] 100%
 Fujitsu Keihin Systems Engineering Ltd. [Yokohama] 100%
 Fujitsu Keiyo Systems Engineering Ltd. [Chiba] 100%
 Fujitsu Kochi Systems Engineering Ltd. [Kochi] 100%
 Fujitsu Kobe Engineering Ltd. [Kobe] 100%
 Fujitsu Kobe Systems Ltd. [Kobe] 100%
 Fujitsu Computer Technology Ltd. [Yokohama] 100%
 Fujitsu System LSI Ltd. [Tokyo] 100%
 Fujitsu Shizuoka Engineering Ltd. [Shizuoka] 100%
 Fujitsu Information Network Systems Ltd. [Tokyo] 100%
 Fujitsu Software Engineering Laboratory Ltd. [Kanagawa] 100%
 Fujitsu Chugoku Communication Systems Ltd. [Hiroshima] 100%
 Fujitsu Defense Systems Engineering Ltd. [Kawasaki] 71%
 Fujitsu Tohoku Communication Systems Ltd. [Miyagi] 100%
 Fujitsu Tohoku Digital Technology Ltd. [Sendai] 100%
 Fujitsu Tokki Systems Ltd. [Kawasaki] 100%
 Fujitsu Nagoya Communication Systems Ltd. [Nagoya] 100%
 Fujitsu Niigata Systems Ltd. [Niigata] 100%
 Fujitsu Personal Computer Systems Ltd. [Kawasaki] 100%
 Fujitsu Personal Computer Laboratory Ltd. [Nagano] 100%
 Fujitsu PAREX Ltd. [Tokyo] 70%
 Fujitsu Program Laboratories Ltd. [Kawasaki] 100%
 Fujitsu Hokuriku Communication Systems Ltd. [Ishikawa] 100%
 Fujitsu Hokkaido Communication Systems Ltd. [Sapporo] 100%
 Fujitsu Hokkaido Digital Technology Ltd. [Sapporo] 100%
 Fujitsu Minami-Kyushu Systems Engineering Ltd. [Kumamoto] 70%
 Fujitsu Refre Ltd. [Kawasaki] 100%
 Fujitsu Wakayama Systems Engineering Ltd. [Wakayama] 100%
 Yonago Fujitsu Ltd. [Tottori] 100%
 Fujitsu Facilities Engineering Ltd. [Fukushima] 100%
 Fujitsu Tottori Systems Engineering Ltd. [Tottori] 100%
 Fujitsu Higashi-Hokkaido Systems Engineering Ltd. [Hokkaido] 100%
 Fujitsu Yamaguchi Information Ltd. [Yamaguchi] 80%
 Fujitsu Kagawa Systems Engineering Ltd. [Kagawa] 100%
 Shiga Fujitsu Software Ltd. [Shiga] 60%
 Fujitsu Shikoku Infortec Ltd. [Kagawa] 100%
 Fujitsu Mobile Telecommunication Ltd. [Tokyo] 100%
 Two-One Ltd. [Kanagawa] 57%
 Fujitsu Institute of Management Ltd. [Tokyo] 100%
 Fujitsu Analysis Laboratory Ltd. [Kawasaki] 100%
 Fujitsu Techno Research Ltd. [Kawasaki] 100%
 Iwaki Electronics Co., Ltd. [Fukushima] 100%
 Shinano Fujitsu Ltd. [Nagano] 100%

Totalizator Engineering Ltd. [Tokyo] 100%
 Tochigi Fujitsu Ten Ltd. [Tochigi] 100%
 Fujitsu Advanced Communication Systems Ltd. [Kawasaki] 100%

EUROPE

TeamWare Group Holding Oy [Helsinki] **FINLAND** 100%
 Fujitsu France S. A. [Rungis Cedex] **FRANCE** 100%
 Fujitsu Mikroelektronik GmbH
 [Dreieich-Buchsschlag] **GERMANY** 100%
 Fujitsu Telecom Deutschland GmbH
 [Dreieich-Buchsschlag] **GERMANY** 100%
 Fujitsu Deutschland GmbH [München] **GERMANY** 100%
 Shinko Microelectronics Ireland Ltd. [Dublin] **IRELAND** 100%
 Fujitsu Italia S.p.A. [Milano] **ITALY** 100%
 Fujitsu Microelectronics Italia S.r.l. [Milano] **ITALY** 100%
 Fujitsu International Finance (Netherlands) B.V.
 [Amsterdam] **NETHERLANDS** 100%
 Fujitsu Telecommunications Technology of the CIS, LLC
 [Moscow] **RUSSIA** 60%
 Fujitsu ICL España, S.A. [Madrid] **SPAIN** 100%
 Fujitsu Nordic AB [Sollentuna] **SWEDEN** 100%
 Fujitsu Europe Ltd. [Middlesex] **U.K.** 100%
 Fujitsu Microelectronics Ltd. [Berkshire] **U.K.** 100%
 Fujitsu Finance (U.K.) Plc [Middlesex] **U.K.** 100%
 Fujitsu Europe Telecom R&D Centre Ltd. [Middlesex] **U.K.** 100%
 ICL PLC [London] **U.K.** 100%
 Fujitsu Telecommunications Europe Ltd. [Birmingham] **U.K.** 100%
 Fujitsu European Centre for Information Technology Ltd.
 [Middlesex] **U.K.** 100%
 Fujitsu Computers (Europe) Ltd. [Berkshire] **U.K.** 100%

THE AMERICAS

Fujitsu do Brasil Ltda. [São Paulo] **BRAZIL** 100%
 Fujitsu Canada, Inc. [Ontario] **CANADA** 100%
 Fujitsu America, Inc. [San Jose (CA)] **U.S.A.** 100%
 Amdahl Corporation [Sunnyvale (CA)] **U.S.A.** 100%
 DMR Consulting Group, Inc. (Amdahl Group Company)
 [Edison (NJ)] **U.S.A.** 100%
 Fujitsu Microelectronics, Inc. [San Jose (CA)] **U.S.A.** 100%
 Fujitsu Systems Business of America, Inc.
 [Santa Clara (CA)] **U.S.A.** 100%
 Fujitsu Personal Systems, Inc. [Santa Clara (CA)] **U.S.A.** 100%
 Fujitsu Computer Packaging Technologies, Inc.
 [San Jose (CA)] **U.S.A.** 100%
 Fujitsu Software Corporation [San Jose (CA)] **U.S.A.** 100%
 HAL Computer Systems, Inc. [Campbell (CA)] **U.S.A.** 100%
 Ross Technology, Inc. [Austin (TX)] **U.S.A.** 59%
 Fujitsu PC Corporation [Milpitas (CA)] **U.S.A.** 100%

Reliance Computer Corp. [Santa Clara (CA)] **U.S.A.** 90%

Fujitsu Business Communication Systems, Inc.
[Anaheim (CA)] **U.S.A.** 100%

Fujitsu Computer Products of America, Inc.
[San Jose (CA)] **U.S.A.** 100%

Fujitsu Network Communications, Inc.
[Richardson (TX)] **U.S.A.** 100%

Fujitsu Compound Semiconductor, Inc.
[San Jose (CA)] **U.S.A.** 100%

Knowledge Pool, Inc. [Dallas (TX)] **U.S.A.** 100%

ASIA, OCEANIA & THE MIDDLE EAST

Fujitsu Australia Ltd. [New South Wales] **AUSTRALIA** 100%

Fujitsu Australia Software Technology Pty. Ltd.
[New South Wales] **AUSTRALIA** 100%

Fujitsu ICIM Software Technologies Pty. Ltd.
[Sydney] **AUSTRALIA** 70%

Beijing Fujitsu Systems Engineering Co., Ltd.
[Beijing] **CHINA** 51%

Nanjing Fujitsu Computer Products Co., Ltd.
[Nanjing] **CHINA** 56%

Jiangsu Fujitsu Telecommunications Technology Co., Ltd.
[Jiangsu] **CHINA** 55%

Fujitsu (China) Co., Ltd. [Beijing] **CHINA** 100%

Shanghai Fujitsu Telecommunications Equipment Co., Ltd.
[Shanghai] **CHINA** 68%

Xian Fujitsu Telecommunications Equipment Co., Ltd.
[Xian] **CHINA** 60%

Fujitsu (Shanghai) Co., Ltd. [Shanghai] **CHINA** 89%

Fujitsu Research and Development Center Co., Ltd.
[Beijing] **CHINA** 100%

Nanjing Fujitsu Nanda Software Technology Co., Ltd.
[Nanjing] **CHINA** 87%

Fujitsu Hong Kong Ltd. **HONG KONG** 100%

Fujitsu Microelectronics Pacific Asia Ltd. **HONG KONG** 100%

Fujitsu India Telecom Ltd. [Punjab] **INDIA** 51%

Fujitsu Optel Ltd. [Bhopal] **INDIA** 61%

Fujitsu India Ltd. [New Delhi] **INDIA** 100%

P.T. Fujitsu Systems Indonesia [Jakarta] **INDONESIA** 80%

Fujitsu Microelectronics Israel Ltd. [Hertzelia] **ISRAEL** 100%

Fujitsu Korea Ltd. [Seoul] **KOREA** 100%

Fujitsu Microelectronics (Malaysia) Sdn. Bhd.
[Selangor] **MALAYSIA** 100%

Fujitsu Telecommunications Asia Sdn. Bhd.
[Kuala Lumpur] **MALAYSIA** 100%

Fujitsu Component (Malaysia) Sdn. Bhd.
[Johor] **MALAYSIA** 100%

Fujitsu Computer Systems (Malaysia) Sdn. Bhd.
[Kuala Lumpur] **MALAYSIA** 100%

Fujitsu (Malaysia) Sdn. Bhd. [Kuala Lumpur] **MALAYSIA** 100%

MFC Ltd. [Yangon] **MYANMAR** 100%

Fujitsu Computer Products Corporation of the Philippines
[Laguna] **PHILIPPINES** 100%

Fujitsu (Singapore) Pte. Ltd. **SINGAPORE** 100%

Fujitsu Microelectronics Asia Pte. Ltd. **SINGAPORE** 100%

Fujitsu PC (Asia) Pte Ltd. **SINGAPORE** 100%

Fujitsu Asia Pte. Ltd. **SINGAPORE** 100%

Fujitsu Computers (Singapore) Pte. Ltd. **SINGAPORE** 100%

Fujitsu Taiwan Ltd. [Taipei] **TAIWAN** 100%

Fujitsu Telecommunications Taiwan Ltd. [Hsin Chu] **TAIWAN** 100%

Fujitsu (Thailand) Co., Ltd. [Pathumthani] **THAILAND** 90%

Fujitsu Computer Products of Vietnam, Inc.
[Dong Nai] **VIETNAM** 100%

Fujitsu Computer Systems of Vietnam Ltd. [Hanoi] **VIETNAM** 100%

As of March 31, 1999

Affiliates—equity method applied only

Company Name [Residence] **Country** (foreign entity only) Ownership %

Fujitsu General Ltd. [Kawasaki] 47%

Shinko Telecom Engineering Corp. [Tokyo] 25%

Fanuc Ltd. [Yamanashi] 39%

Advantest Corporation [Tokyo] 21%

FFC Limited [Tokyo] 40%

Fujitsu Leasing Co., Ltd. [Tokyo] 50%

Tsuzuki Tsushin Gijyutsu Co., Ltd. [Tokyo] 20%

Center Systems Service Ltd. [Tokyo] 40%

Kanda Tsushin Kogyo Co., Ltd. [Tokyo] 32%

Ingenieria e Integracion Avanzados, S.A. [Malaga] **SPAIN** 40%

Glovia International, LLC [El Segundo (CA)] **U.S.A.** 31%

FKL Dongnhwa Ltd. [South Chungchong] **KOREA** 50%

Fujitsu Philippines, Inc. [Manila] **PHILIPPINES** 40%

Fujitsu Development Corporation of the Philippines
[Laguna] **PHILIPPINES** 40%

Fujitsu Systems Business (Thailand) Ltd. [Bangkok] **THAILAND** 49%

As of March 31, 1999