

ABOUT AI ELECTRONICS CORPORATION.....

AI ELECTRONICS CORPORATION, since formation in 1962, has shown steady growth by adhering to an unchanged policy: Design and manufacture of quality mini and micro-computers and related systems for scientific research and industrial control applications.

AICOM mini-computer systems and AIDACS micro-computer systems are now being used for a variety of applications in plants, laboratories, universities, and government installations in Japan and in many other countries as well. From its earliest mini-computer to the latest "Mega" series -- from its first micro computer development system to the newly developed personal computer series -- AI has persistently dedicated itself to upgrading current equipment, to reliability, to versatility, and to sophisticated software support.

AI's products are marketed worldwide through a growing sales network which includes Australia, Belgium, Canada, China, France, Germany, Greece, Hong Kong, Indonesia, Italy, Israeli, Malaysia, Netherlands, Singapore, Sweden, South Africa, the U.K., and the U.S.A.

Employing its technological background as well as distribution channels, AI ELECTRONICS also has been handling various imported products for the Japanese domestic market.

IMSAI's personal computers (U.S.A.), Volker-Craig's Data terminals (Canada), and Laser Scan's "Sweepnik" systems (U.K.) have been introduced to the Japanese market by AI ELECTRONICS CORPORATION.

In order to meet customer demands, AI ELECTRONICS is planning to offer an ever broader array of hardware and software in rapid succession.

Recently new contracts licensing software have been signed with two U.S. firms: Microsoft for its COBOL compiler, and Digital Research Corporation for its CP/M systems.

1983

Company Facilities

Head Office and Factory:

2-28-16 Shimomaruko, Otaku, Tokyo 146, Japan

Phone No.: 03-758-8161

Telex No.: 246-6176 AIELEC

Osaka Branch Office:

Tamura Bldg., 6-19-12 Higashimikuni, Yodogawaku, Osaka 532

Phone No.: 06-391-7317

Tsukuba Branch Office:

Kasumigaura Lake Bldg., 1-1-1 Minatomachi, Tsuchiura, Ibaragi Pref. 300

Phone No.: 0298-24-4236

Show Room:

Higashinagasaki Kogyo Bldg., 2-1-15 Uchikanda, Chiyodaku, Tokyo 101

Phone No.: 03-256-8793

Paid Capital

¥40,000,000.-

Directors

President	Takayuki Sanada
Vice President	Keiji Kondo
Director, Technical Development	Kiyoshi Kosemura
Director,	Akira Minagawa
Director, Finance & Administration	Yoshiaya Sato

Personnel

Sales & Administrative	30
Engineers	50
Technicians & Workers	70
Total:	150

Main Banks

The Kyowa Bank Ltd., Chofu Branch

The Mitsubishi Bank Ltd., Fuchu Branch

Manufacturing Facilities

Head office and factory are located in the southwest part of Tokyo, home base for many computer and electronics companies in Japan.

Total floor area of facility is 2,100 square meters in three buildings.

Complete facilities for all phases of manufacturing, hardware and software development, testing and quality control are incorporated in this complex.

Corporate Structure

Finance and Administration Division
Sales Division
Manufacturing Division
Program Division
International Marketing Division
Technical Development Division

Annual Sales Volume

1976	0.6 Billion Yen	
1977	1.0 Billion Yen	
1978	1.5 Billion Yen	
1979	2.0 Billion Yen	(forecast)

Products & Services

Mini-computer main frames
AICOM-C4, C5, C6

Micro-computer main frames
AIDACS-3000: FDPS-10 and -20 Series

Single board micro-computer
uPAC-30, 31

Micro-computer system for hospital use
AIMAX Series

Computer control and measurement systems (incorporating AICOM and AIDACS Series equipment)

Software development

Planning, design and consultation regarding computer systems

Peripheral devices

Electronic and measurement equipment and installations

Laser-Scan's "Sweepnik" systems (U.K.)

Voiker-Craig's data terminals (Canada)

IMSAI Manufacturing Corporation's micro-computer & personal computer systems (USA)

Typical Installations for Industrial Control Systems

- *System for steel casting (iron and steel plants) - - Nippon Steel Corporation
- *Automobile assembly line control system - - Nissan Motor Co., Ltd., Toyota Motor Co., Ltd.
- *Marine & fisheries research system - - Kanazashi Shipbuilding Co., Ltd.

Typical Installations for Governmental Research Systems

- *Aviation control system - - Electronic Navigation Laboratory
- *Energy generation research system - - Power Reactor & Nuclear Fuel Development Corporation
- *Rocket navigation research system - - Institute of Space & Aeronautical Science, University of Tokyo

Major Customers (Domestic)

*Governmental Installations

Chemical and industrial Research Institute
The Institute of Physical and Chemical Research
National Aerospace Laboratory
Technical Research and Development Div., Japan Defence Agency
Power Reactor and Nuclear Fuel Development Corporation
Ship Research Institute
Radio Research Laboratory
National Laboratory for High Energy Physics

*National and Private Universities

Tokyo Univ., Osaka Univ., Kyoto Univ., Tohoku Univ., Hokkaido Univ., Hiroshima Univ., Nagasaki Univ., Tsukuba Univ., Yokohama Univ., Nagoya Univ., Waseda Univ., Keio Univ., Nippon Univ., Chuo Univ.

*Companies

Nippon Steel Corp., Tokyo Shibaura Electric Co., Ltd. (Toshiba), Hitachi Ltd., Fujitsu Ltd., Mitsubishi Electric Co., Ltd., Sharp Corp., SONY Corp., Victor Company of Japan, Ishikawajima Harima Heavy Industry Co., Ltd., Honda Motor Co., Ltd., Nissan Motor Co., Ltd., Toyota Motor Co., Ltd., Cannon Inc., Citizen Watch Co., Ltd., Olympus Optical Co., Ltd., Fuji Photo Film Co., Ltd.

Major Customers (Overseas)

Ets. Mekeirele-Deroose (Belgium), Logitec GmbH (W. Germany), EleComp Ltd. (Greece), Sistema Dieci SpA (Italy), Nelco Engineering Co. (Israel), Computer Information Systems (S) Pte. Ltd. (Singapore), Automation Subcontractors Holland (Neth.), AMEX Marketing Inc. (U.S.A.)
ing Inc. (U.S.A.)

Software Houses (Licensee)

Microsoft (U.S.A.)
Digital Research Corporation (U.S.A.)

Brief History

AI ELECTRONICS CORPORATION was founded by Mr. Takayuki Sanada in April 1962 for development of mini-computer systems.

The corporation was supported by many professors of University of Tokyo, and with their help on technology in 1963 an educational mini-computer (Model AICOM E-1) was installed, the first computer developed by AI ELECTRONICS.

For several years after establishment, AI ELECTRONICS's main business was to design and set up various mini-computer installations for universities and for branches of the National Research Institute. In 1965 AI developed the first low priced mini system available in Japan by incorporating germanium transistors and core memory. In 1967 AI introduced the first mini-computer in Japan incorporating silicon transistors.

Subsequent models in the AICOM series incorporated all IC circuitry and were supplied to factories, laboratories and universities.

During the period from 1973 to 1975, development of micro-computers took shape at AI. The AIDACS (AI Industrial Data Acquisition and Control System) 1000 Series of micro-computers was announced. This was the first micro-computer from AI ELECTRONICS and the first one with all LSI circuitry developed in Japan.

AI micro-computers soon became an active tool for data acquisition, data analysis, solution of problems, and storing of information. Lower prices also provided entry into the larger industrial control applications field. Thus in 1976 the AIDACS-2000 and 3000 Series FDPS (Floppy Disk Programming System) models followed, together with DOSKET (Disk Operating System for Diskette) software.

This disk operating system provided support for AICOM and AIDACS series equipment and was characterized by an unusual range of languages, including BASIC (interpreter and compiler), FORTRAN IV, COBOL, and PL/3.

In 1976 AI contracted with Laser Scan Laboratories Ltd. (U.K.) to import their "Sweepnik" system for use by the Tokyo University of Agriculture and Technology, later by Hiroshima University. The "Sweepnik" system is a cartographic editing machine featuring computerized large-size screen. Only experienced engineers with specialized technical knowledge can handle this complex system, and previously no trading firm had been willing to import the system and take responsibility for installation and service.

In 1978 AI established a new head office and factory at the present location, opened the Tsukuba Branch Office in Ibaragi Prefecture, and set up the Show Room in downtown Tokyo.

Also in 1978 a mini-computer model AICOM C-6 joined the AI product line-up. "Mega" combined extraordinarily high speed with large storage capacity. Sophisticated software and extensive documentation were included.

In 1978 AI also started to import Volker-Craig's data terminals (Canada) and IMSAI Mfg. Corp's micro-computers (U.S.A.).

In 1979 the ABC (AI Business Computer) Series was introduced. With an outstanding cost-performance ratio, the ABC models are expected to find a big market in the field of home and office use computers.

Several new software systems have been made available for users of AI's computers. The latest version of DOSKET incorporates a COBOL compiler for business oriented data processing and filling.

PL/3 (equivalent to Intel's PL/M) and RPG II are also available for AIDACS and ABC users. Moreover, AI having contracted with Digital Research Corporation (U.S.A.) for their CP/M operating system, AIDACS and ABC users have been provided with a further popular enhancement.

As acknowledged leader in the mini and micro-computer industry, AI ELECTRONICS will continue to expand its lines to give users a broad variety of products, from large mini-computers down to small personal computers.