Engineering Manufacturing Service

Optical fiber and wireless broadband solutions

OA LABORATORY CO., LTD.

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http://www.oalab.co.jp/

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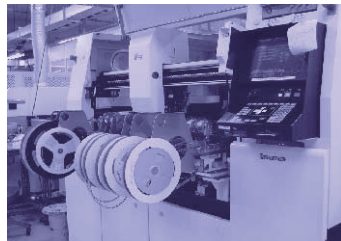
Scope of registration
① In-house development and manufacture of telecommunications equipment
② Outsourcing development and manufacture of telecommunications equipment and telecommunications equipment mounting boards
③ Repair of telecommunications equipment and electronic component mounting boards

company profile

◆Development and production OEM & EMS manufacturer

► **Broad range of operations and full business organization for product manufacturing!!**

One Stop support, from development and production to repair and maintenance services!

☞ ◆ **Creating products to meet customers' needs as a development, trial manufacture and mass production OEM for the telecommunications sector!**

☞ ◆ **Let OA handle all of your mass production, trial manufacture, small-run production, multi-product order and short turn-around needs!**

Engineering Division — Engineering

As a seasoned OEM manufacturer with long years of experience, including order development aligned with the diverse demands of customers and OEM product development and design, we've earned a superb reputation and the full trust of our customers based on production performance plus the development and technical capabilities to actively address many sectors.

Specifications review → Parts selection → Circuit design → Materials procurement → Substrate mounting → Debugging and evaluation → Product shipment and delivery

Hardware development	L2 switches	Board and circuit design	Telecommunications equipment development	FPGA design
	High-speed optical fiber telecommunications equipment	Replacement part and replacement design	Microcomputer application products	Housing design
Software development	Application development	Driver development		

Manufacturing Division — Manufacturing

Along with the manufacture of products designed by our Engineering Division, we also actively handle operations such as embedding production of components, including boards, housings and equipment, designed by customers themselves.
We can also mount printed circuit boards at high-speed, high-quality and high density with our lead-free surface mounting system.

Materials procurement → Substrate mounting → Assembly → Shipment testing → Product shipment and delivery

Substrate mounting	Housing assembly	Performance evaluation and testing	Product packing and shipment

Introduction to OA's Services

■ Customization of layer 2 switches ■

◇ Environment-specific customization
  Waterproofing, protection against static electricity and vibrations
◇ Application-specific customization
  10/100/1000M 1/10G changeable ports
◇ Customization for outdoor installation, high reliability or long-term (10 year) continuous use
◇ Low-volume production
  (we can handle production runs from just a single unit)

■ Improvement, repair, maintenance and overhaul service ■

◇ Addition and improvement of extra functions for existing products
◇ Repair of products after their maintenance period has ended
◇ Component replacement, overhaul of long-lived products
  Replacement of power supplies, electrolytic condensers and fans

■ Evaluation and testing service ■
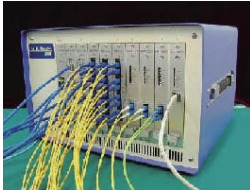
◇ Heat and humidity environment testing
  Continuousness operation under high and low temperatures, high-temperature/low-temperature cycle testing
◇ Network device transmission testing
◇ Vibration testing and drop testing

■ Environmental Test Chambers rental service ■

◇ Provision of testing environments using large-scale, constant-temperature and constant-humidity tanks
◇ Acceleration testing
◇ Life expectancy
◇ Reliability testing

■ Replacement design service for out-of-production parts ■

We offer upgrade design of replacement parts for components that are no longer in production or past their maintenance warranty period

■ Parts service ■

We offer an early-stage parts delivery service, a replacement parts proposal service for out-of-production parts and a customer surplus parts inventory brokerage service.

■ Engineer support service ■

We can provide the human resources needed for each sector of manufacturing, repair, testing and design (hardware/software)
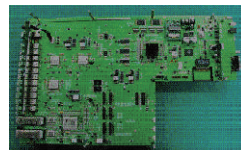
Optical fiber network technology

▲ FTTH optical switch HUB
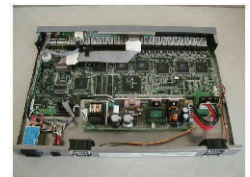
▲ 10G Load balancer

▲ 10G Load balancer

Development and proven results

▲ XG-2

▲ Layer 2 switch

▲ Layer 2 switch

▲ PCI processor card

▲ Stand-alone media converter

▲ Wireless LAN module

Original Development & Manufacturing

Software , Hardware & Systems

Company Overview

- ■ Company name　　: OA Laboratory Co., Ltd.
- ■ Established　　　: February 1965
- ■ Capital　　　　　: 451 million yen
- ■ Principal shareholder : FUJISOFT Inc. (Tokyo Stock Exchange, First Section)
- ■ Executive officers　:
Chairman	Yoshiharu Yada
President and CEO	Kiyofumi Matsuzaki
Senior Managing Director	Yoshinori Ohara
Director	Hisao Minematsu
Director	Koji Kayanuma
Auditor	Osamu Akamatsu
- ■ Employees　　　: 4/2021 156
- ■ Main banks　　　: MUFG Bank, Ltd.　Mizuho Bank, Ltd.
  The Bank of Yokohama, Ltd.
  Mitsubishi UFJ Trust and Banking Corp.
- ■ Certifications etc.　:
  - * VCCI Council
  - * ISO 9001:2000
  - * IoT Acceleration Consortium Corporate membership
  - * Photonic Internet Forum Corporate membership

Company History

- ■ 1965　Established in February 1965
  Head Office: Totsuka-ku, Yokohama
- ■ 1967　Established Software Division
- ■ 1973　Completed construction of head office building in Machiya in Kamakura
  Began development and production of computer peripheral equipment
- ■ 1980　Completed construction of Fujisawa Plant
- ■ 1984　Began OEM production of LAN-related equipment
- ■ 1986　Increased capital to 100 million yen
- ■ 1990　Increased capital to 451 million yen
- ■ 1991　Began in-house production and sales of LAN-related equipment
- ■ 1995　Began development and OEM production of 3D CG equipment
- ■ 1996　Formed capital tie-up with FUJISOFT Inc.
  Began development (first in Japan) and OEM sale of 100M switching HUB
- ■ 1997　Began development and sale of switching HUB testing equipment
- ■ 1998　Developed electron beam exposure drawing system for VLSI (Ministry of International Trade and Industry project)
- ■ 2001　Introduced Giga-Switch for ATMs
  Introduced Giga-Switching HUB
  Began development and sale of switching HUB testing equipment for optical fiber
  Relocated head office to Dai in Kamakura
  Formed technical alliance with USI in Taiwan
- ■ 2003　Joined PICMG JAPAN in Aiplr
  Registered for ISO 9001:2000 certification in August (Fujisawa Plant)
- ■ 2004　Registered for ISO 9001:2000 expansion certification in September (Development Division)
- ■ 2005　Registered for Ministry of the Environment Eco-Action 21 examination in April
- ■ 2009　Began sales of 10G bad balancer in February
- ■ 2013　Began sales of Giga Bit ether layer1 switching device
- ■ 2014　Began sales of U-SDI 8K Video signal switching device
- ■ 2015　Began sales of U-SDI 8K Voice demultiplexing device
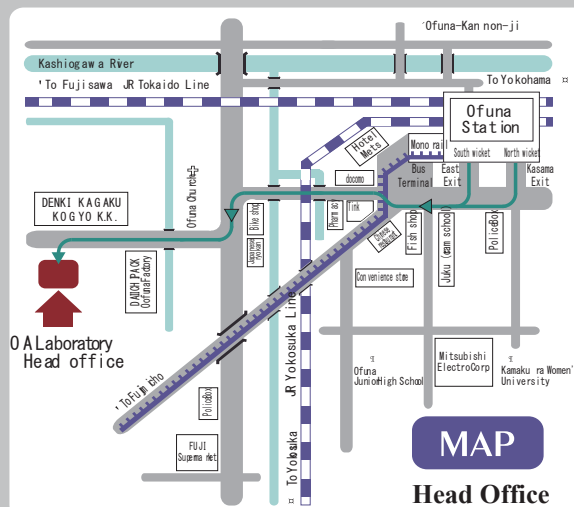 Began sales of U-SDI 120Hz 8K Video signal switching device

Business Offices

Head Office
2-15-41 Dai, Kamakura,
Kanagawa Prefecture 247-0061
TEL: 0467(44)5566　FAX: 0467(48)0256
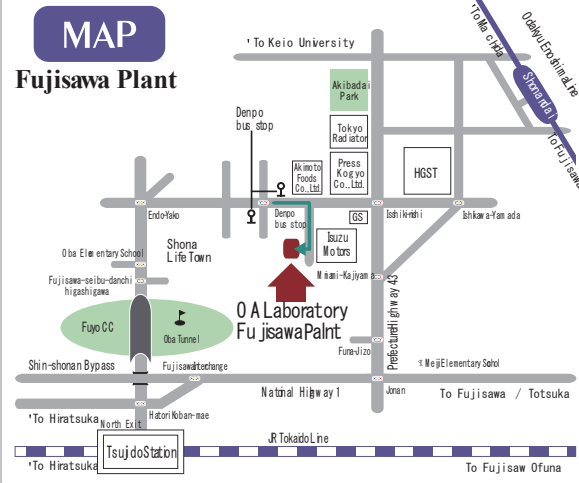

MAP — Head Office

▲ Route: About 12 minutes on foot from JR Ofuna Station

Fujisawa Plant
2021-10 Endo, Fujisawa,
Kanagawa Prefecture 252-0186
TEL: 0466(87)87 11　FAX: 0466(87)7988

MAP — Fujisawa Plant

▲ Route: About 3 minutes on foot from the Denpo Bus Stop, which is about 15 minutes by bus from the Odakyu Line Shonandai Station or about 25 minutes by bus from the JR Tokaido Line Tsujido Station

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For inquiries:

● Sales Group

TEL:0467(48) 0251

E-Mail:eigyo@oalab.co.jp

http://www.oalab.co.jp/