



## Headquarters

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## Founded

1975

## Employees

419

## President

Katsutoshi Hasegawa

## Business

### Embedded Software

- \* Software development and licensing
- \* Professional service
- \* Consulting service

### Hardware

- \* Scanners, printers and custom software for retail and inventory applications
- \* Sensing Device for IoT applications

## Financial

- \* Publicly held
- \* Paid-in capital : 1,041 million Yen
- \* 2018 Revenue (fiscal year ended December 31,2018) : JPY 8.75 billion Yen

## History

- 1975** Established ERG Co., Ltd. to provide professional services for embedded software.
- 1986** Received Excellent Information System Award for a real-time operating system "MKP 86" from Ministry of International Trade and Industry.
- 1997** Released real-time operating system, "PrKERNEL".
- 1999** Released real-time operating system, "PrKERNELv4".
- 2001** Released integrated development environment, "eBinder". Changed the company name to eSOL.
- 2005** Released real-time operating system, "eT-Kernel".
- 2006** Released real-time operating system for multi-core processors, "eT-Kernel Multi-Core Edition". Released software development tool for Wi-Fi equipped handy terminal, "eSOL Emusen".
- 2009** Released new extreme environment handy terminal, "eSOL Geminus Series".
- 2010** Released "eT-Kernel SDK".
- 2011** Released AUTOSAR BSW auto-generation tools, "eSOL ECUSAR".
- 2012** Released automotive diagnostics protocol stack supporting UDS, "eSOL Dr. CAN", and ECU reprogramming module, "eSOL Dr.Repro". Developed real-time operating system for many-core processors, "eMCOS".
- 2014** Developed environmental data management system for agriculture, "eSOL AGRInk" series.
- 2015** Established a Subsidiary "eSOL TRINITY Co., Ltd.". Achieved ISO 26262 Automotive Safety Integrity Level (ASIL D) and IEC 61508 Safety Integrity Level 4 (SIL 4) Certification for eT-Kernel.
- 2016** Established AUBASS CO., LTD., a joint venture with DENSO Corp. and NEC Communication Systems, Ltd.. Released application lifecycle management tool, "eWeaver". eSOL's RTOS Product Development Process Certified under IEC 62304 Safety Standard for Medical Devices.
- 2018** Established a Subsidiary "eSOL Europe" in France. Listed on Tokyo Stock Exchange Mothers.

## Major Clients

|                                |  |                                      |                                  |
|--------------------------------|--|--------------------------------------|----------------------------------|
| AISIN Group Companies          | EZAKI GLICO Group Companies            | Murata Manufacturing Group Companies | Panasonic Group Companies        |
| Arm Ltd.                       | Fujitsu Group Companies                | Nagoya University                    | Ricoh Group Companies            |
| AUBASS CO., LTD.               | Hitachi Group Companies                | NEC Group Companies                  | Robert Bosch Car Multimedia GmbH |
| BROTHER INDUSTRIES, LTD.       | Honda R&D Co., Ltd.                    | NEXTY Electronics Corporation        | SATO Group Companies             |
| Canon Inc.                     | ITOHAM FOODS Group Companies           | NIDEC Group Companies                | SoftBank Corp.                   |
| Continental AG Group Companies | KONICA MINOLTA Group Companies         | NIKON CORPORATION                    | Sony Group Companies             |
| DAIHATSU MOTOR CO., LTD.       | KYOCERA Corporation                    | Nintendo Co., Ltd.                   | TOSHIBA TEC CORPORATION          |
| DAIKIN INDUSTRIES, LTD.        | Mazda Motor Corporation                | NIPPON MEAT PACKERS Group Companies  | TOYOTA MOTOR CORPORATION         |
| Delphi Automotive LLP          | Meiji Group Companies                  | NISSAN MOTOR CO., LTD.               | Yakult Group Companies           |
| DENSO CORPORATION              | Mitsubishi Electric Group Companies    | OLYMPUS Group Companies              |                                  |
| EPSON Group Companies          | MORINAGA MILK INDUSTRY Group Companies | OMRON Group Companies                |                                  |