

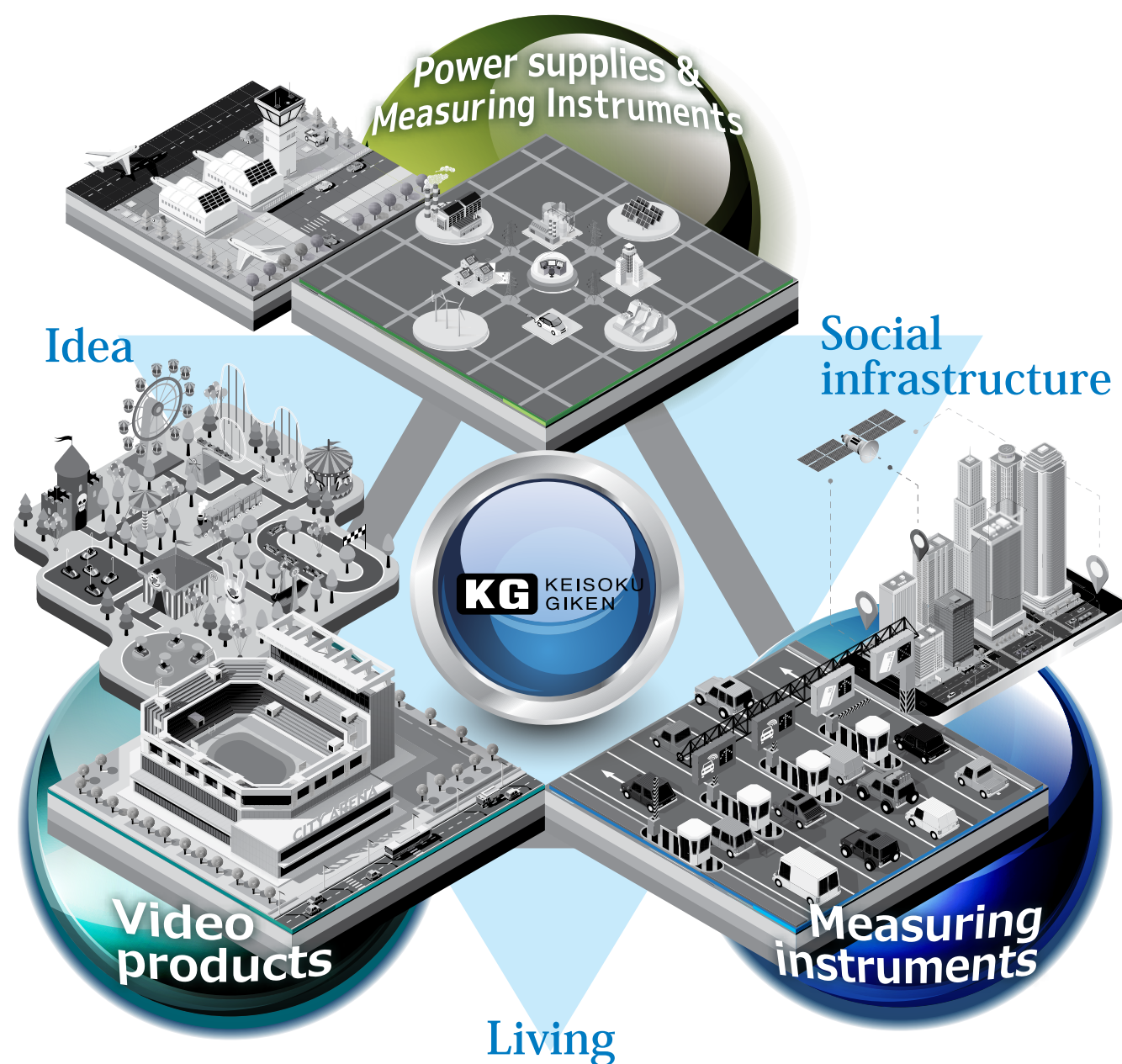
Creative Lab.

Since 1973

KEISOKU GIKEN Co., Ltd.

Corporate Profile

We will challenge
customers and the future!



Lively KG!

Since its founding in 1973, Keisoku Giken Co., Ltd. has been "manufacturing" various products making use of unique technologies by Power Electronics Div., Visualware Div., and Meguro Electronics Div.

We are aiming to help our society by developing and supplying products related to infrastructure and life and living. The products are including such as video products, A/V products, power converters, power regenerative products as well as high frequency analog technology used products.

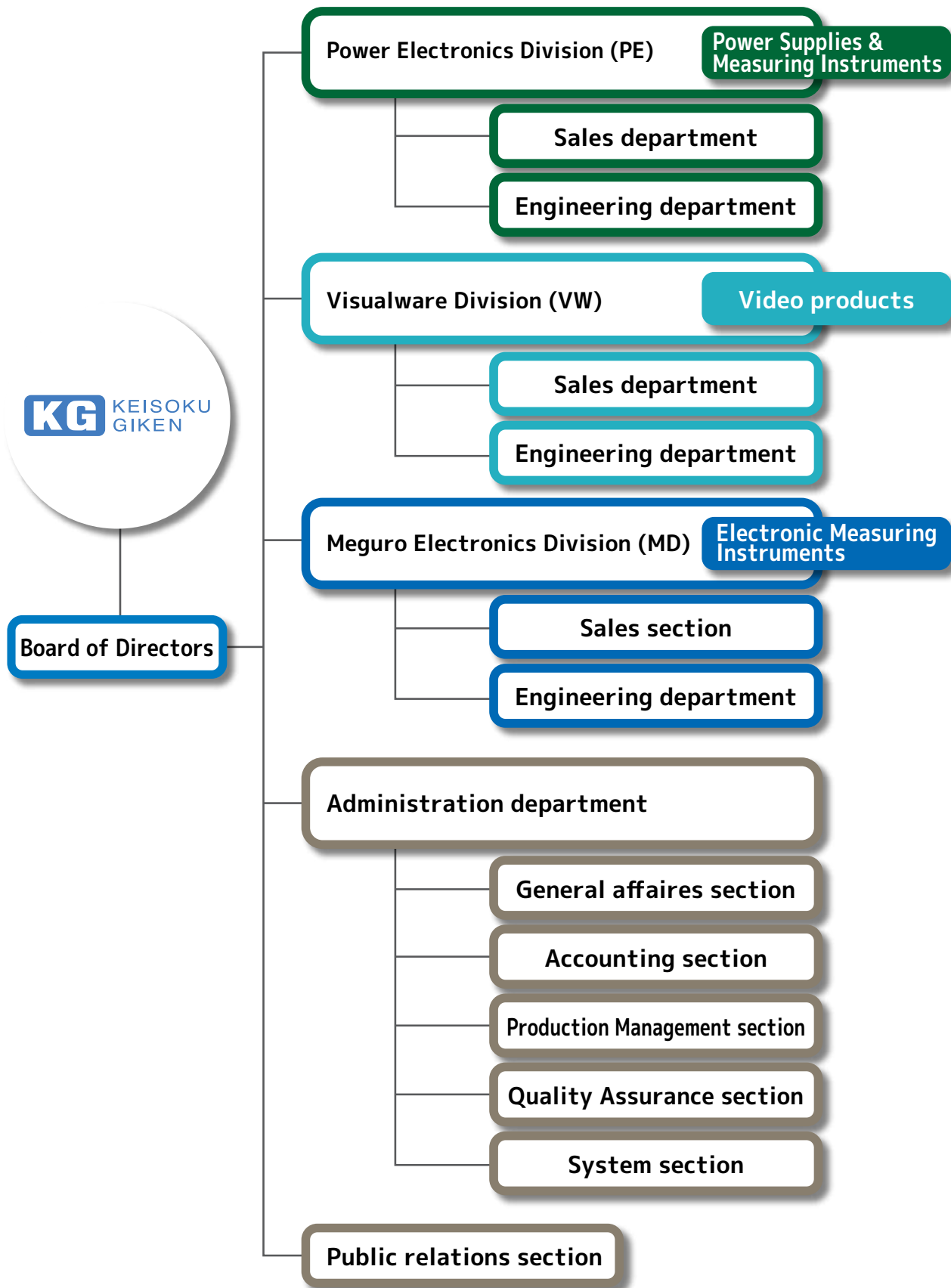
While all our values are rapidly changing, with our uncompromising technology and experience cultivated over 40 years, we are seriously facing the change and will continue to offer products and services with high creativity and added value I will do.

In addition, we will contribute to society by acting as a professional "producer" against the recent social issues "environment, resources and safety".

Yuji Watanabe

President and CEO

Organization



Enthrall the future of Power Electronics!

Pursuing the possibility of 4K / 8K high definition video technology

For the next generation mobility society with cutting edge technology of the [Meguro] brand.



Power Electronics Division

Power Supplies & Measuring Instruments

The Power Electronics Division has been pioneering over 35 years for automatic test system of switching power supplies, which is the heart of electronic equipment.

Meanwhile, we have developed electronic load with no-over-shoot by high-speed current control technology and developed digital ripple and noise meters that can isolate and measure the ripple and noise.

As the interest in energy as an important social infrastructure rises recently, applications using power conversion technology are expanding.

Keisoku Giken has been developing products incorporating advanced technologies such as digital control by DSP. Keisoku Giken will be proposing products that will lead to an improvement in the energy environment.

Business domain


Industrial, Consume
Auto motive
Smart grid
Switching power supply / Electronic components
Aerospace

Core technology


Power regeneration
High power conversion
Digital (DSG) control
High speed current control





Regenerative power supply / Electronic load
Highly efficient regenerative electronic load and bidirectional power supply. Max. 200kW possible by parallel operation.



AC power supplies
A wide lineup from 500VA to 300 kVA and low price simple models.




Electronic loads
Wide ranging line up including High speed current response, Plug-in, High voltage-high current, LED driver compatible series so on.



DC power supplies
DC power supply covering as high as 1,600V, 100kW to lower power models.



Safety testers
Easy-to-see UI, compact design, multifunction test, 20 kV high voltage and other features and test jigs



Ripple and noise meter
Only one voltmeter that can measure and display ripple and noise separately.

Visualware division

Video products

Since its development in 1989 of the digital video frame memory "CFM" capable of recording HDTV images, the VisualWare Division has been actively pursuing the development of digital imaging technology, mainly television broadcasting, as a business objective. In addition, we offer total products and services of recording, playback and display by "LED dome system" which is the first domestic display using LED in Japan.

Recently, it contributed to the realization of 4K / 8K broadcasting started from December 2018 by uncompressed digital video recorder "UDR series" compatible with 4K / 8K. We are also working on application of digital video technology, not only for development but also for full digital movie production.

Business domain

Broadcasting, communication
Video system development
Video products development
Video production

Core technology

High speed data transfer
High speed image processing
High precision real time control



FE super resolution unit

Realized HD → 4K upscaling and remastering of moving images with original FE super resolution technology

-FE series



4K/60P uncompressed video server

It is compatible with 3G-SDI/12G-SDI and monitoring as well as operation are possible by the touch panel.

-UDR-N50/N60 series



Wide band 4K uncompressed video server

It corresponds to 3G-SDI / 12G-SDI, it can be monitored and operated with front touch panel.

-UDR-40S series



Compact video converters

Simple converters adapted to various signals and interfaces

-AJA Video/Quad MC series



8K compatible uncompressed video server

Compact uncompressed video server compatible with standalone DualGreen

-UDR-XL40



ProRes8K recording system

Record and play 8K@60Hz at ProRes HQ422 10bit

-KRS-8K Plus

Trustworthy Brand
MEGURO

MEGURO electronics division

Electronic Measuring Instruments

The Meguro Electronics Division develops a wide variety of electronic measuring instruments.

In addition to AM / FM standard signal generator, audio analyzer, AV inspection standard inspection equipment, recently, GNSS (Global Navigation Satellite System), VICS (Road Traffic Information Communication System), ETC (Intelligent Transportation System) , UTMS (New Traffic Management System) and HD Radio are developed.

In the coming ITS (Intelligent Transport Systems) era, MEGURO Electronics division will provide useful products by fully demonstrating the digital signal and broadcast communication technology cultivated by "MEGURO".

■ Business domain

Broadcast and telecommunication
AV car navigation
GNSS
ITS

■ Core technology

HF analog
Digital signal
Software radio



Audio analyzer

Analyzer for AC / DC voltage, level, distortion, frequency measurement. A model with an oscillator is also available.

-MAS-8410



AM/FM stereo signal generator

Standard signal generator for AM/FM receiver test.

-MAS-8420



HD radio vector signal generator

IBOC type AM / FM tuner test vector all correspondence signal generator.

-MSG-3101



GNSS signal generator

Signal generator for generating GNSS simulation signal

-MSG-2060



FM multiplex signal generator

Incorporating DARC, RDS method FM multiplex signal output.

-MSG-2175












DSRC/DSSS tester

DSRC and DSSS pseudo signal generator for roadside unit. Data capture is possible.

-MSG-2192

Time line









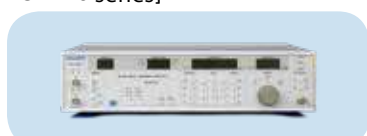






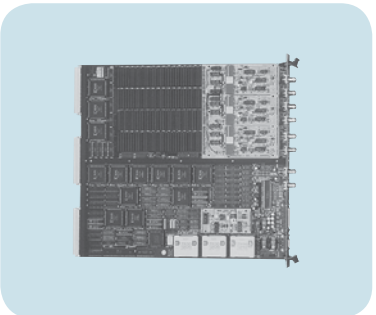









Keisoku Giken was founded in 1973 with the aim of becoming a " company where engineers can work freely and lively". Among the various evolutions of the times, the philosophy has been passed on now without change.

1970	1980	1990	2000	2010
<p>'73 Establishes company at capital JPY2,000,000.- in Ushikubo, Yokohama.</p>  	<p>'80 Establishes Okurayama factory for standard products.</p>  <p>'83 Cerebrates 10th anniversary.</p> <p>'86 Showcases ATE system at 1st Switching Power Supply System Show.</p> <p>'87 Sets the sales headquarters in Shin-yokohama.</p>	<p>'90 Increases capital to JPY7,000,000.</p> <p>'93 Cerebrates 20th anniversary.</p> <p>'99 New headquarters is built. Combines HQ, Tsunashima operation and Sales headquarters.</p> 	<p>'00 Acquired ISO9001.</p> <p>'03 30th anniversary.</p> <p>'04 Capital increased to 95 million yen.</p> <p>'07 Exhibited at NAB2007.</p>  <p>SOHO office in Shanghai, China.</p> <p>'08 35th anniversary.</p> <p>Roof top greening completed.</p>  <p>Certified as a Yokohama value group company in 2007.</p>	<p>'10 Good company award "Excellent Enterprise award", 2009.</p>   <p>'11 Business alliance with Meguro Dempa Co., Ltd. Yokohama Intellectual Property 2011 Certified.</p> <p>'13 40th anniversary.</p> <p>'16 Merger with Meguro Dempa Co., Ltd. Become a surviving company.</p> <p>Branch office in OSAKA.</p> <p>The Power Electronics Division moved to the Hiyoshi Plant after renovating the building.</p> <p>The Meguro Electronics Div. moved to the headquarters.</p>  <p>'18 45th anniversary.</p> <p>Branch office in NAGOYA.</p> <p>Establishment of subsidiary in Shanghai, China.</p>

Main development

Initially, Keisoku Giken started development of automated inspection equipment for home VCR, custom-made digital Q meter, and after that, electric power inspection equipment, HDTV frame grabber, DARC encoder, which triggered each business, electronic load equipment, video server, GPS signal generator for today.

Power Electronics Div. Visualware Div. MEGURO Electronics Div.

1970	1980	1990	2000	2010
<div>'73</div> <div>Digital Q meter</div> <div></div>	<div>'80</div> <div>Automated power supply inspection system [K-230]</div> <div></div>	<div>'91</div> <div>Develops Power Supply Evaluation System [PTS-7000]</div> <div></div>	<div>'00</div> <div>Next generation hard disk memory [UDR]</div> <div></div>	<div>'11</div> <div>Uncompressed video server [UDR-N50]</div> <div></div>
<div>'75</div> <div>Coreless motor inspection system</div> <div></div>	<div>'82</div> <div>Power supply tester [ATE software for PT series]</div> <div></div>	<div>'93</div> <div>High capacity video memory [DFM]</div> <div></div>	<div></div> <div>AM-FM standard signal generator [MDG-2270 series]</div> <div></div>	<div>'12</div> <div>Bidirectional power supply [NT]</div> <div></div>
<div>'78</div> <div>Home use VCR cylinder tester</div> <div></div>	<div>'87</div> <div>Ripple and noise meter [RM-101]</div> <div></div>	<div></div> <div>DARC encoder [MSG-2170]</div> <div></div>	<div>'04</div> <div>Ultra high speed Electronic load [ELS-304]</div> <div></div>	<div>'13</div> <div>GNSS signal generator [MSG-2060]</div> <div></div>
	<div>'89</div> <div>Hi vision frame grabber [CFM]</div> <div></div>	<div>'96</div> <div>CD jitter meter [MDJ-6360A/6370]</div> <div></div>	<div>'05</div> <div>Automated power supply inspection system [PW-600E]</div> <div></div>	<div>'16</div> <div>ACDC regenerative electronic load [Ene-phat]50kW model</div> <div></div>
		<div>'97</div> <div>Fiber channel disk array system [Nextorage]</div> <div></div>	<div></div> <div>Audio analyzer [MAK-6630]</div> <div></div>	<div></div> <div>8K DualGreen compatible video server [UDR-XL40]</div> <div></div>
		<div>'98</div> <div>Electronic load [EL-302]</div> <div></div>	<div>'06</div> <div>Super high vision compatible video server [UDR-20S]</div> <div></div>	<div></div> <div>Radio Analyzer [MAS-8400]</div> <div></div>

Branch
offices

Head office

Location

2-12-2 Chigasaki-minami, Tsuzuki-ku, Yokohama-city,
Kanagawa-pref. 244-0037 Japan
Tel : (+81)45-948-0211 Fax : (+81)45-948-0221

- Visualware division
Tel : (+81)45-948-0215 / Fax : (+81)45-948-0225
- Meguro Electronics Division
Tel : (+81)45-500-9845 / Fax : (+81)45-500-9840
- Administration department
Tel : (+81)45-948-0211 / Fax : (+81)45-948-0221

Access

- Yokohama municipal Subway - Blue line
15 min walk from Nakamachidai st.
Nakamachidai st. --> 5 min Yokohama Municipal bus 301 line)



Hiyoshi operation

Location

4-11-1 Minamikase, Sawai-ku, Kawasaki-city, Kanawaga-pref.
212-0055 Japan
Tel : (+81)44-223-7950 / Fax : (+81)44-223-7960

- Power Electronics division
- Public relations section

Access

- Yokohama Municipal Subway, Tokyu-Toyoko line
Hiyoshi st. --> East exit of Hiyoshi st. --> Bus (Tokyu 日94) ,
[Koshiji]



Osaka office

Location

4F Esaka-sekishu bldg. 15-11 Toyotsu, Suita-city,
Osaka Pref. 564-0051 Japan
Tel: (+81)6-6387-1039

- Power Electronics Div.

Access

- Osaka Municipal Subway, Midosuji Line
From Esaka st. 3 min walk from No.8 exit.



Nagoya office

Location

3F NK marunouchi bldg. 2-17-13 Marunouchi,
Naka-ku, Nagoya-city, Aichi-pref. 460-0002 Japan
Tel : (+81)52-203-0658

- Power Electronics Div.

Access

- Nagoya subway, Sakuradoori line
2 min. walk from No. 3 exit at Marunouchi st.



KEISOKU GIKEN
SHANGHAI CO.,LTD

Access

R.707 No.2388 Hutai Road, Baoshan,
Shanghai, China Postcode 200436
TEL : 021-61735717

- Visualware Div.



Corporate profile

■ Company name	Keisoku Giken Co., Ltd.	
■ Address of head office	2-12-2 Chigasaki-minami, Tsuzuki-ku, Yokohama,224-0037 Japan	
■ Established	March 3, 1973	
■ Paid up capital	95million yen	
■ President	President& CEO	Yuji Watanabe
■ Directors	Director	Koichiro Takemura
	Director	Takushi Nagano
	[General manager of Power Electronics Div.]	
■ Auditor	Yoshihiro Yamaguchi	
■ Employees	80	
■ Main bank	MUFG bank Motosumiyoshi branch Risona bank Shinyokohama branch Japan Finance corporation	
■ Settlement	September 30	
■ Certification / designation / registration	ISO9001 Yokohama Chizai Mirai Enterprise Kanagawa Small Business Model Factory Large custom battery storage system manufacturer	
■ Award	Good Company Award 2009 Excellence Company Award	
■ Affiliated Organizations · Society	The institute of Image Electronics Engineers of Japan (IIEEJ) / Japan Electronics and Information Technology Industries Association (JEITA) / The Institute of Electronics, Information and Communication Engineers (IEICE) / Vehicle Information and Communication System Center (VICS center) / Japan Association of Video Communications (JAVCOM) / Motion Picture and Television Engineering Society of Japan, Inc. (MPTE) / 3DBiz Society	

Major government offices and schools

Asahikawa Medical University / Oita University / Osaka University / Osaka Prefecture University / Okinawa Institute of Science and Technology Graduate University / Kyushu University / Kyoto University / Keio University / Saitama University / National Institute of Advanced Industrial Science and Technology (AIST) / Shibaura Institute of Technology / Sophia University / National Institute of Information and Communications Technology (NICT) / The university of Electro-Communications / Central Research Institute of Electric Power Industry / Tokyo Institute of Technology / The University of Tokyo / Tohoku Institute of Technology / Doshisha University / Vehicle Information and Communication System Center (VICS) / Nagasaki University / Japan Broadcasting Corporation (NHK) / Hiroshima University / Fukui University of Technology / Ministry of Defense / Yokohama National University, ect.

Major customers

Aisin AW Co., Ltd. / Alpine Electronics Inc. / Ikegami Tsushinki Co., Ltd. / OMRON corporation. / Olympus Corporation. / Kansai Telecasting Corporation / Canon Inc. / Kyowakiden Industry Co., Ltd. / Clarion Co., Ltd. / KDDI corporation / JVCKENWOOD Corporation / Shihen Technical Corporation / Sharp Corporation / Shindengen Electric Manufacturing Co., Ltd. / SUBARU Corporation / Sumitomo Osaka Cement Co.,Ltd. / SONY Corporation / DAIKIN INDUSTRIES,LTD / TDK Corporation / Dexerials Corporation / DENSO TEN Ltd / TOSHIBA Corporation / Toyota Motor Corporation / Toyota Industries Corporation / Nikon Corporation / Nippon Television Network Corporation / NEC corporation / Nippon Telegraph and Telephone Corporation / NGK Spark Plug Co.,Ltd. / Pioneer Corporation / Panasonic Corporation / Semiconductor Energy Laboratory Co., Ltd. / Hitachi, Ltd. / HYUNDAI MOBIS.Ltd / Fanuc Pertronics Ltd / Fujitsu Ltd. / Fujitsu Ten Limited / Fujifilm Corporation / The Furukawa Battery Co., Ltd. / Honda Motor Co., Ltd. / Honda R&D Co.,Ltd. / Mainichi Broadcasting System, Inc / Mitsubishi Heavy Industries, Ltd. / Mitsubishi Heavy Industries Thermal Systems, Ltd. / Mitsubishi Electric Corporation / Murata Manufacturing Co., Ltd, ect.

Rental companies

Orix Rentec Corporation / Sumitomo Mitsui Finance&Leasing Co.,Ltd. [SMFL] / Yokogawa Rental & Lease Corporation / Ray Corporation, ect

Overseas Distributors

North America	AbelCine[USA] / Ace Unitech Inc.[USA,CANADA] / Beans International Corporation Co.,Ltd.[USA]
Asia	ADELTEC Malaysia Sdn Bhd. [MALAYSIA] / BURGEON Instrument Co., Ltd.[TAIWAN, CHINA] / Century Sight Visualware [CHINA] / CHA WEI TRADING CO., LTD.[TAIWAN] / DAE HYUN COMMERCIAL CO., LTD.[KOREA] / GMS INC.[KOREA] / Great Ocean Media Science Co.,Ltd.[CHINA]] / Guanhua Glory AV System Integration Co.,Ltd.[CHINA] / HI-TEK INTERNATIONAL INC.[KOREA] / KMI SYSTEM CO. LTD.[KOREA] / MEGURO ELECTRONICS PTE. LTD.[SINGAPORE] / MEGURO ELECTRONICS SDN. BHD.[MALAYSIA] / Nihon Denkei Co., Ltd. [CHINA, MALAYSIA, INDIA, INDONESIA, KOREA, PHILIPPINES, TAIWAN, VIETNAM, THAILAND, SINGAPORE] / PRODIGIT Electronics Co.,Ltd. [TAIWAN] / PRECISE MEASUREMENT INTERNATIONAL[CHINA] / S-Technology Co.,Ltd. [KOREA] / Shenzhen Yusheng Technology Co., Ltd,[CHINA] / Technology Development Co.,Ltd.[CHINA] / VCSEMI LIMITED[CHINA]
Europe	MEAS Oy[FINLAND] / PRIST[RUSSIA] / SONTRONIC SYSTEM GmbH[GERMANY]
South America	Meguro Instrumentos Eletrônicos Ltda.[BRASIL]

www.keisoku.co.jp

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