

Find Complete Product Information on Our Global English Website.

Services & Support

You can access all downloadable materials including setup tools (software), drivers and device profiles, catalogs and videos.

Demo Site

Access demo sites to view standard and user-configured monitoring windows of web-enabled data loggers and other products.

Video Library

Videos on the products and the company, educational materials, virtual exhibition can be viewed on YouTube.

Specifications & Manuals

Enter either a product model number or a keyword to search for data sheets, instruction manuals and other related documents.  
Compare specifications to find exactly what you need.  
You can narrow your search by product categories.

Product Category Index

Go directly to a product category to find more about our products.

Application Examples

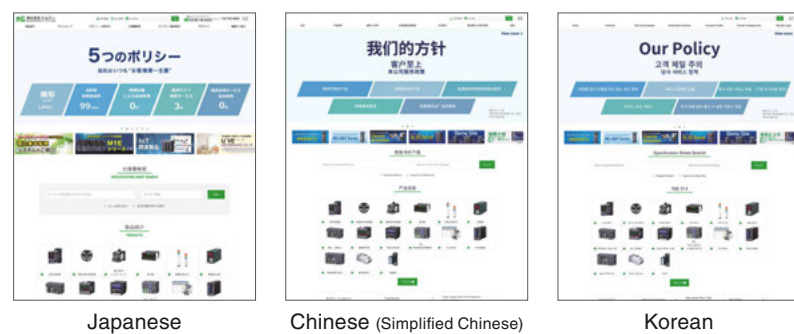
Find products suitable for your application fields.



Regional Language Websites

Product information including data sheets, instruction manuals and videos is available in multiple languages.

- 日本語
- ENGLISH
- 中文(简体)
- 한국어



MG CO., LTD.  
(formerly M-System Co., Ltd.)  
www.mgco.jp

Your local representative:

Specifications are subject to change without notice. When ordering, use the latest data sheets available at our web site: www.mgco.jp

CORPORATE  
PROFILE

Make Greener automation

EC-Z954 Rev.1  
January 2024

500713

MG CO., LTD.  
(formerly M-System Co., Ltd.)  
www.mgco.jp



# Contributing to the future designs and past assets of automation

## Message From The President

In January 2024, M-System Co., Ltd. changes its name to MG Co., Ltd. Our company policy is unchanged despite the new name.

For about 50 years, we have been supplying interfacing component devices in the fields of PA/FA/BA. The company's expertise is a collection of elements that cannot be achieved with digital circuits alone. It includes analog circuit technology, high-voltage isolation technology, and low-consumption and low-noise power supply design.


In the FA field, various field network technologies, miniaturization, and specialization has been required, and it is the synergy of analog and digital technologies that has been creating new products. At the same time, the semiconductor production equipment market has been experiencing increasing demand for the production of the previous generation of equipment, which requires continuity in factory production.

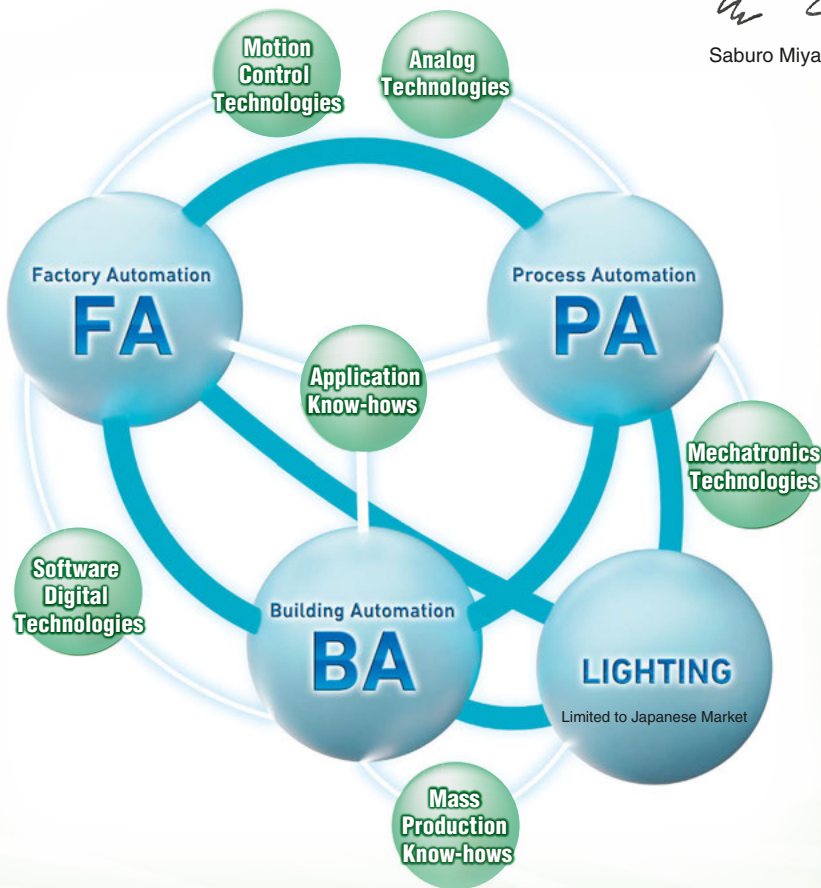
In the BA field, we are contributing to carbon neutrality by creating convenient and environmentally friendly products with next-generation network technology.

MG Co., Ltd. will continue supplying convenient and reasonably priced products for various types of automation. We are also determined to play a role in the next generation as a cornerstone of Japanese economy to the best of our ability by developing and supplying products that can promote Sustainable Development Goals (SDGs).

We will continue to create new values in our products while valuing the relationship of trust with our customers.



  
Saburo Miyamichi, President



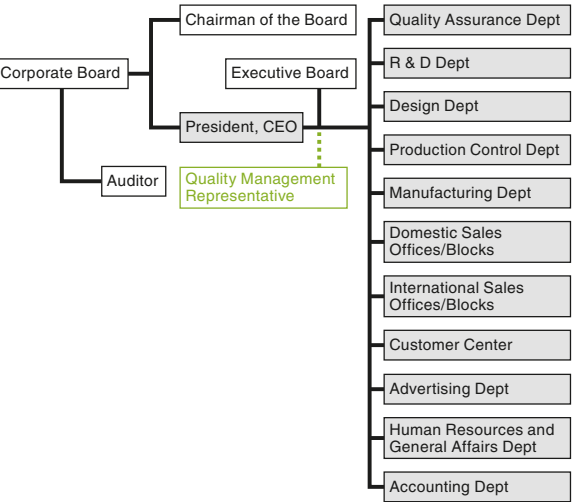
## Corporate Facts

HISTORY	
2024	Company name changed to MG Co., Ltd.
2023	Super-mini Terminal Block Signal Conditioners M50X-UNIT
2022	Multi Power Transducer M5XWTU
2021	Weighing Indicator W100 Series
	Plug-in Remote I/O R10 Series
	Terminal Block Signal Conditioners M5X-UNIT Series
2019	Super-mini Signal Conditioners M80 Series
	Slice Type, Mixed Signal Remote I/O R80 Series
	Base-free Interconnecting Ultra-Slim Signal Conditioners M60S Series
2018	M-System China Co., Ltd. Guangzhou Office founded in Guangzhou, China.
	Rotary Motion Electric Actuator PRP-2
2017	Compact Plug-in Signal Conditioners with OEL display M1E Series
2016	Compact signal conditioners with OEL display M2E Series
2015	Ultra-slim digital panel meter 47NL Series
2014	Web-enabled DAQ system Tablet Recorder TR30-G
	Compact, mixed signal remote I/O R30 Series
2013	Web data logger DL8 Series
	Kyoto Research Center & Factory opens in Kizugawa, Kyoto.
2012	Tower Light Series
2011	MG Korea Co., Ltd. founded in Seoul, Korea.
	M-System China Co., Ltd. founded in Shanghai, China.
2010	Multi-function PID controller SC Series
2008	Ultra-slim signal conditioners M6 Series
	Kyoto Techno Center opens in Kizugawa, Kyoto.
2007	Multi power monitor 53U
	Paperless recorder 73VR Series
	Company enters the building automation market.
2006	Compact remote I/O R7 Series
	Ultra-slim surge protectors MD7 Series
2005	Company certified with ISO 14001
	Representative office opens in Shanghai, China.
	PC Recorder MSRpro
2004	SCADA software SCADALINX
	Hot-swappable remote I/O R3 Series
	Liaison office opens in Shanghai, China.
	Company succeeded by new CEO Saburo Miyamichi, and Founder Shigeru Miyamichi appointed as Chairman.
2003	'One-Step Cal' programmable transmitters M3 Series
	Data logger using telecommunication circuit, FAX and Internet
2002	HART universal transmitter B6U-B with ATEX/FM approval
2000	PC Recorder R1M
1999	PC programmable signal conditioners
1997	Company certified with ISO 9001
1995	Telemetry & telecontrol system DH Series
	Compact signal conditioners M2 Series
1993	MsysNet Integrated Instrumentation System with super-distributed control concept
1991	New corporate headquarters/factory opens in Nishinari-ku, Osaka.
1989	Compact electric actuators MSP/MRP Series
	Event recorder DKE with a built-in IC card
1988	Programmable signal conditioners JX Series
1987	Signal splitters W-UNIT Series
	Nagoya Sales Office opens.
1986	Multiplex transmission system DATA-M Series
1985	Electric actuators
	New factory opens in Sumiyoshi-ku, Osaka.
1977	Tokyo Sales Office opens.

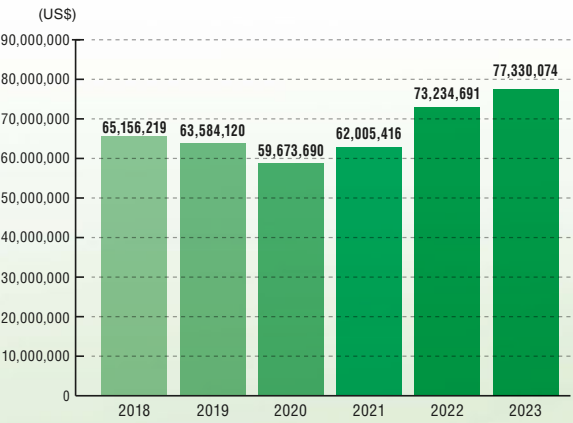
1976	Digital/analog transmission system DAST Series
1973	Lightning surge protectors
	Unique plug-in signal conditioners M-UNIT Series
1972	M-System Co., Ltd. founded in Osaka, Japan by Shigeru Miyamichi

New products

## ORGANIZATION



## SALES TREND

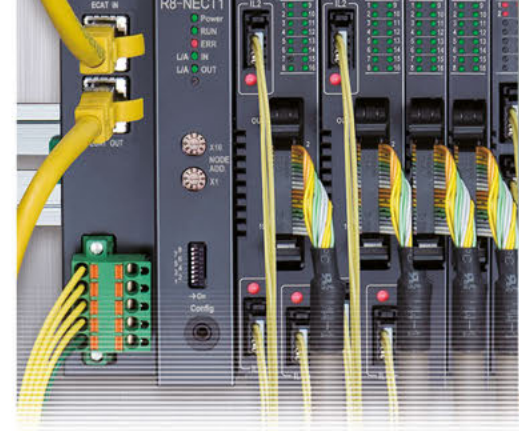
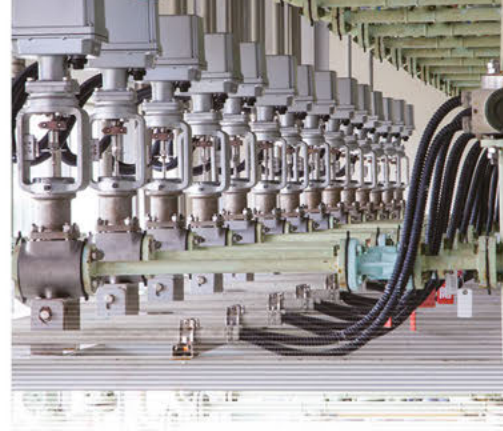


## COMPANY DATA

Company Name	MG Co., Ltd.
Established	April 1972
Headquarters	Osaka, Japan
President and CEO	Saburo Miyamichi
Company mission	Development, manufacturing and sales of signal conditioners & alarm trips, panel/field indicators, energy measurement & management devices, surge protectors, remote I/O, PID controllers, paperless recorders and electric actuators
Annual turnover	US\$ 77,330,074 (September 2023)
Employees	280
Domestic locations	Osaka (Headquarters, Customer Center), Osaka Research Center & Factory, Kyoto Techno Center, Kyoto Research Center & Factory, Kanto Branch Office, Chubu Branch Office, Kansai Branch Office, Sendai Sales Office, Kyushu Sales Office, Kanazawa Office
Overseas locations	Local companies in Shanghai (China), Guangzhou (China), Seoul (Korea)

Note: US dollar amounts are converted from Japanese yen for convenience only at ¥151.39 = US\$1, the approximate exchange rate on November 10, 2023





## Products

For more than fifty years, we have been offering a wide range of instrumentation / automation components used for process, factory and building automation, from the field level up to the control room level.

We are your supply partner for the interfacing applications of analog/discrete signals, communication networks and intelligence systems.

## Our Policies

### CUSTOMERS FIRST

All products and services are provided outside Japan through our authorized distributors. We are trying to enhance the customer satisfaction with the following five service policies. As to the terms and conditions of a specific service, consult us for details.

### 1. Continued Products Availability

- We have basic policy of never to discontinue our products without providing compatible replacements.
- We always strive to procure all the electronic parts for our products. When a certain electronic part is no longer available, we will make best effort to provide a product compatibly replaceable with the existing product as long as there is substantial demand for such product.

### 2. Fast and Precise Delivery

- The standard manufacturing lead time for most of our products is 5 days.
- Quick Service Center is available for 24-48 hours shipment.
- Once a delivery time is promised, the customer can of course count on us to deliver them precisely on time.

### 3. Special Specifications Service with no extra charge

- Special specification products can be supplied without additional charge for major product series, except for those requiring excessive labor or materials.
- We are putting our effort into expansion of the scope of Special Specifications Service to all of our products. Special Specification Service will be available to more product series in the future.

For detailed terms and conditions applicable to each specific product, consult us.

### 4. Special Repair Service

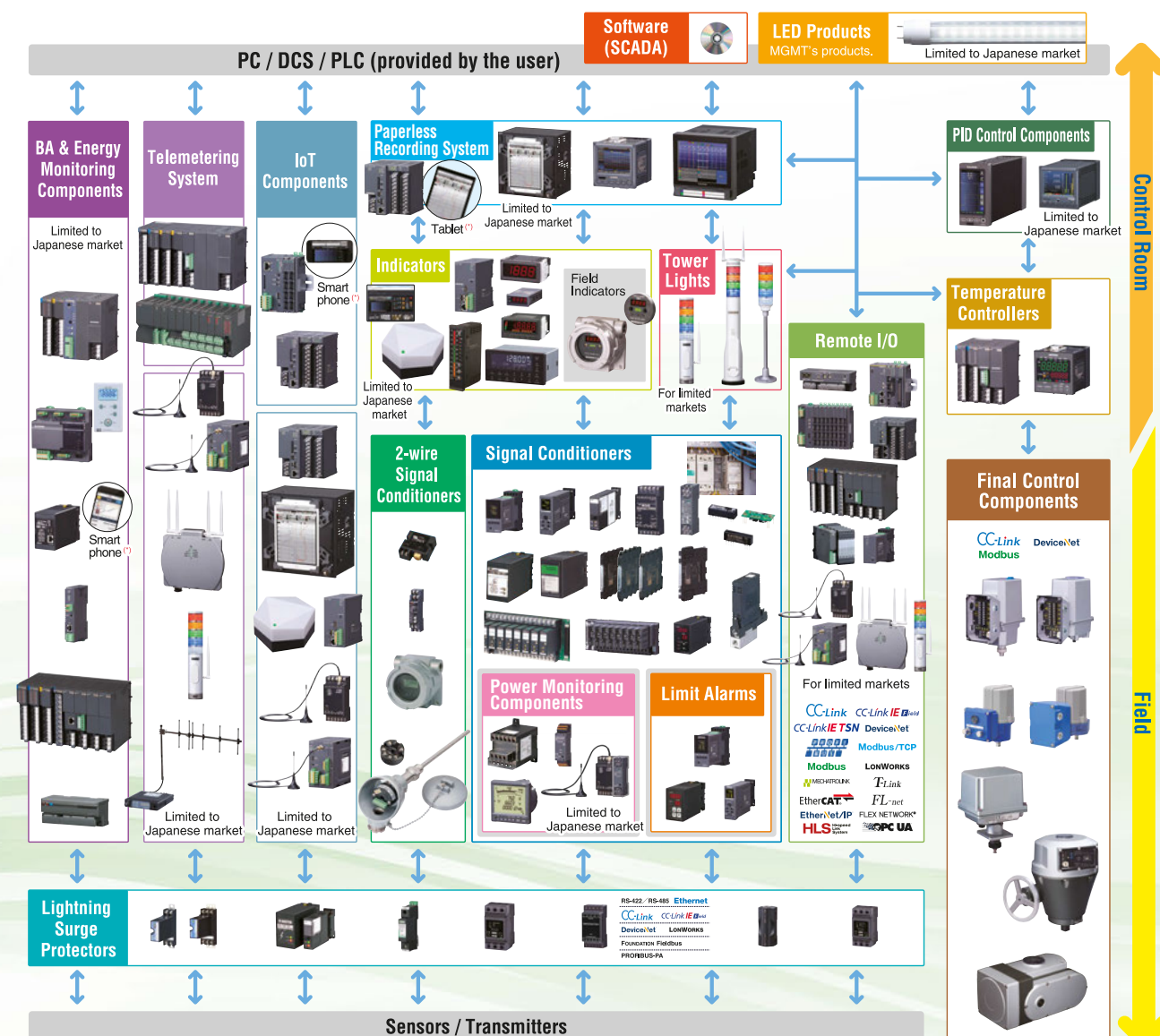
- During the service period of 36 months from the date of shipment, we will provide free repair service for a damage or malfunction caused by a user's mistake when we determine at our discretion that cause of the damage or malfunction falls into the "Service Coverage" set out as conditions of this service. Such free repair service will be limited to one repair per cause of the damage or malfunction.

For detailed terms and conditions applicable to each specific product, consult us.

### 5. Factory Setting Service with no extra charge

- Configuration setting for programmable products is free of charge upon the customer's request for once when ordering, except for those requiring special engineering (e.g. multi-function PID controllers).

For detailed terms and conditions applicable to each specific product, consult us.



(\*) Mobile terminals (smartphones, tablets) or mobile network operator services are not our products.





## Our Commitment

### INNOVATION

## Product Development System

We have been engaged in the development of products featuring the analog circuit technology accumulated over 50 years.

Combining our own kind of analog technology and the latest digital circuit technology, we continue to supply new products at reasonable price, which are convenient to use and meet market demand.

The continuous emphasis to budgetary and human resources ensures about 100 models of newly released products every year, which lead the market and satisfy the ever-evolving needs of industries.

### FLEXIBILITY

## Computer-integrated flexible manufacturing systems for high-mix, low-volume production

We use the production master server to manage necessary information for the make-to-order system and manufacture the products one by one in order to realize the high-mix, low-volume production in short lead times.

Production program is automatically created and executed by every cycle of chip mounting process according to received orders so that there is no need of stocking half-assembled products. 2D codes containing the program information specific to an ordered product is printed on every printed circuit board at the first stage and referred to at every later step of production and testing.

This computer managed production system eliminates human error factors to the limit, ensuring high productivity and reliability.

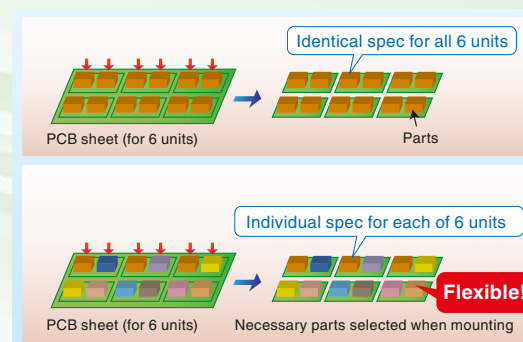


Fully computer supported test/inspection line



Surface mounted parts

Mixed PCB surface mounting line



### RELIABILITY

## Meeting quickly for modern need for EMC countermeasures

EMC countermeasures combining EMI and EMS components provide the basic means of dealing with electromagnetic radiation. These countermeasures must be incorporated from the product design and development stage.

While many equipment manufacturers rely upon public testing facilities to verify the compliance of their products with Europe's mandatory CE marking program, we have our own RF anechoic chamber and shielded room facilities, Kyoto Techno Center, in order to speed the development of new products.



RF Anechoic Chamber

### WORLDWIDE PRESENCE

## Global Sales Network

