Contributing to the next generation of automation → M-System

Message From The President

For over forty years, M-System has been supplying interfacing component devices that connect from the field level up to the controllers in the control room level in the process automation market. Through this long experience, we have acquired a lot of technical know-how of analog circuit designs such as high withstand voltage insulation technology and low-power-consumption and low-noise-emission power circuit technology. They are an indispensable part of modern digital circuit design of our products.

Recently, this synergy of analog and digital technologies has been leading us into the factory automation market to meet the increasing demand of customer-oriented compact products with open/dedicated field network capabilities.

By adding application technology based on open architectures to the building automation market, we are also proud to contribute to energy conservation by supplying products that are convenient and friendly to the environment.

We will continue providing useful and reasonably priced component devices to various automation industries, and strive to be a responsible leader of the next generation by extending our efforts for development of energy-saving products.
Corporate Facts

**HISTORY**

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
2013  Web data logger DL8 Series
2012  Tower Light Series
2011  MG Korea Co., Ltd. founded in Seoul, Korea.
2010  Multi-function PID controller SC Series
2008  Ultra-slim signal conditioners M6 Series
2007  Multi power monitor 53U
2006  Compact remote I/O R7 Series
2005  PC Recorder MSRpro
2004  SCADA software SCADALinux
2003  ‘One-Step Cal’ programmable transmitters M3 Series
2002  HART universal transmitter B6U-B with ATEX/FM approval
2000  PC Recorder RTM
1999  PC programmable signal conditioners
1997  Company certified with ISO 9001
1995  Telemetering & telecontrol system DH Series
1993  MsysNet Integrated Instrumentation System with super-distributed control concept
1989  Compact electric actuators MSP/MPR Series
1988  Programmable signal conditioners JX Series
1987  Nagoya Sales Office opens.
1986  Multiplex transmission system DATA-M Series
1985  Electric actuators
1977  Tokyo Sales Office opens.
1976  Digital/analog transmission system DAST Series
1973  Lightning surge protectors
1972  M-System Co., Ltd. founded in Osaka, Japan by Shigeru Miyamichi

**COMPANY DATA**

- **Company Name**: M-System Co., Ltd.
- **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**: JPY 9,079 million (September 2016)
- **Staff**: 500

**SALES TREND**

- **Domestic locations**
  - Osaka (Headquarters, Factory, Customer Center), Kyoto Techno Center, Kyoto Research Center & Factory, Kanazawa Office, Sendai Sales Office, Kyushu Sales Office, Kanazawa Office

- **Overseas locations**
  - Local companies in Shanghai (China), Seoul (Korea), Singapore and Chennai (India)
For more than forty years, M-System has 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.

M-System does not provide mobile terminals (smart phones, tablets) or mobile network operator services.
Our Policies

CUSTOMERS FIRST

We have not discontinued our products without compatible replacements.

We do not easily stop manufacturing products once released in the market, without trying to supply compatible products of equal or better performance to replace with, because we believe it is an important responsibility as the world’s leading manufacturer to continue serving people who maintain the performance of process control systems.

Visit M-System web site and find specifications and instruction manuals no matter how old the product, downloadable online.

We supply ready-to-install products in fast and precise delivery time.

The standard manufacturing lead time for most M-System products with customer’s specified range is 5 days. But more than quarter of the total shipments are delivered in shorter lead time, and Quick Service Center expedites more than 500 orders every month on the same day or the next day after ordered.

So do not worry too much about the standard delivery. Just let us know ‘When you need one of our products. They are calibrated for your exact needs with no extra charge.

Once a delivery time is promised, you can of course count on us to deliver them precisely on time.

We strive toward complete offerings with special specification products.

We offer an enormous selection of signal conditioners and remote I/Os, power monitors, paperless recorders, panel meters, surge suppressors and valve actuators, and even that may not be enough for your particular needs.

But do not give up easily. Just ask us. We continue to work toward full product offerings with special specifications without additional charge, starting with major product series. In addition, we put our effort to make them into standard selections so that they are more easily accessible to you and everyone else in the future.

We offer continued reassurance. Always Customers First.

Based on our “Customer Creed” policy, we go beyond normal manufacturers’ obligations with our special repair service. If you suspect damage to a product by mistakes in handling, contact our Customer Center. We would be happy to check and repair it without charge. Consult M-System web site for detailed terms and conditions applicable to this service.
Our Commitment

**INNOVATION**

More than 12% of annual turnover invested for research and development

More than 12% of annual turnover is invested for research and development. Not only that, one out of five M-System staff members is involved in design and development of new and renewed products.

The continuous emphasis to budgetary and human resources ensures more than 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

Surface-mount chip shooters are usually believed to be suitable only for mass production, but M-System’s original ‘high-mix, low-volume’ production system realizes every month more than one third of the total shipment of thirty thousand signal conditioners and I/O modules of customer specified I/O and power supply combinations.

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.
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, M-System has its own RF anechoic chamber and shielded room facilities, Kyoto Techno Center, in order to speed the development of new products.
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Specifications are subject to change without notice. When ordering, use the latest data sheets available at M-System web site: www.m-system.com