

MTT Instruments' New Challenge, Accelerating Global Expansion



Note: In reality, such cool employees don't exist.

Since its founding in 1971, MTT Instruments has continuously pursued technological innovation, providing customers both in Japan and overseas with cutting-edge technology and high-precision products. In particular, its in-house manufactured signal conditioners have earned high praise around the world for their high accuracy and reliability. With the establishment of MTT Holdings in 2019, the company spun off its overseas sales business. Through this newly established company, the company continues to actively pursue overseas markets. MTT Instruments is expanding its business both domestically and internationally, building on the technological capabilities and reliability it has built over many years.

Company Profile		Company History	
Company Name	MTT Instruments Co., Ltd.	March 1971	MTT Corporation was established as the Japanese distributor for American semiconductor manufacturers and began import sales.
		June 1976	MTT Corporation and Industrial Measurement Laboratory merged to form MTT Industrial Measurement Corporation.
Osaka Head Office	SKM Building. 6F, 2-5-1, Senbashigashi, Minoh, Osaka 562-0035, Japan TEL: +81-72-736-8928 FAX: +81-72-737-9845 URL: https://mtt-ins.co.jp E-mail: contact@mtt-ins.co.jp	April 1980	The company name was changed to MTT Corporation.
		July 1980	MTT Instruments Co., Ltd. was established.
		July 1980	The company was established as a contact point for exporting MTT signal conditioners and importing overseas products.
		1980	Imports and sales of data acquisition devices and high-precision digital thermometers from Doric (USA) began.
Head Office	AD Ichigaya Building. 4F, 2-5, Ichigayahommuracho, Shinjuku-ku, Tokyo 162-0845, Japan	1981	Imports and sales of semiconductor pressure sensors from Tyco (USA) began.
		1982	Imports of LSI-11 boards from DEC (USA) began, and sales of these boards started as part of systems.
Established	1980/7/21	1983	Signed an exclusive agency contract with DATA TRANSLATION, Inc. (USA) and began selling I/O boards.
Representative	Representative Director, Tadayuki Nakai	1984	Sales of multi-function engineering workstations with MASSCOMP began.
Capital	10,000,000 yen	1985	Imports and sales of pneumatic-electric and electro-pneumatic converters with DAHL (USA) began.
Shareholder	MTT Holdings Corporation (100%)	1987	Signed an exclusive agency contract with MERCURY Inc. and began selling high-speed array processors.
Bank	Mizuho Bank, Yotsuya Branch	1990	Imports of products from National Instruments Corp. began.
Business	Import, export and sale of electronic devices, instrumentation and measurement products, and various testing machines	1990	Imports and sales of Taiwanese board computers, FA PCs, AAEON, NEXCOM, Portwel, MOXA, AXIONTEC, and other products began.
		2020	Signed an exclusive agency contract in Japan for the "Micro Probe System" from NEXTRON, South Korea.
		2024	Signed a sales contract with GMI Japan.

The MTT Group continues to evolve. MTT Instruments, Inc. provides new solutions.

Isolated Signal Conditioners

- Slim Plug-in Signal Conditioners with Isolated 2 Output (MS3700 SERIES)
- Terminal Block Type Signal Conditioners with 1 Output (MS3000 SERIES)
- Terminal Block Type Signal Conditioners with 2 Output (MS3100 SERIES)



Isolated Explosion Barrier

The D5000 series uses cutting-edge solutions to deliver the highest performance in intrinsically safe explosion-proof barrier and is certified by over 15 certification bodies worldwide.



Power Regulator series B3000

A power regulator is a device that can continuously control the output of AC voltage and current, and is primarily used to control various heaters. It can finely adjust the output, enabling highly accurate temperature control.



Precision Gear Pump

Kyowa Finetech's high-precision metering gear pumps create new value. They are resistant to fluctuations in pressure and viscosity and are capable of stable liquid delivery even at high temperatures. Precision gear pumps that deliver a fixed volume and constant flow rate are used in a variety of fields.



Transformer CT & VT

Korea's LIGHTSTAR achieves "accurate current and voltage conversion" through high-precision design. We offer a wide variety of options to suit your application and installation requirements, including round window, square window, bolt-fixed, and split core. We are certified to international standards such as ISO9001, KS, and CE.



Ethernet Remote I/O Module

ACROMAG, remote I/O systems for Modbus TCP/IP, Ethernet/IP and Profinet networks. American company with over 60 years of measurement and control experience, focusing on product development for process automation I/O.



AC/DC DIN RAIL power supplies

MEAN WELL offers the latest AC-DC DIN rail power supplies: XDR, XDR-E (single-phase), and XTR (three-phase). Key improvements include a slim design (30-96mm), 16-45% smaller size, up to 96% efficiency, and expanded output options (12V, 24V, 36V, 48V).



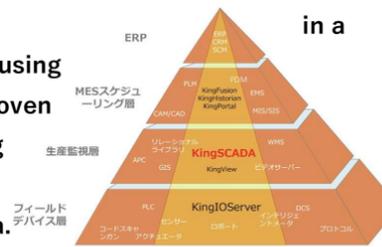
Industrial Ethernet Switches

EtherWAN System, a Phoenix Contact company, offers industrial Ethernet switches including unmanaged, managed, PoE, and rackmount industrial switches suitable for industrial applications such as infrastructure, transportation, and security.



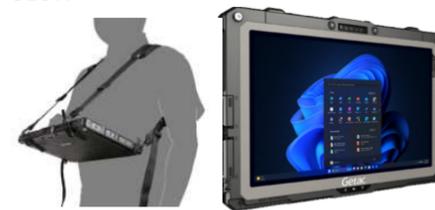
SCADA systems

Wellintech's KingSCADA is a monitoring and control software developed for large-scale distributed systems. It enables the development and construction of large-scale monitoring and control systems in a short period of time using low code. It has a proven track record of being installed in over 40,000 units in China.



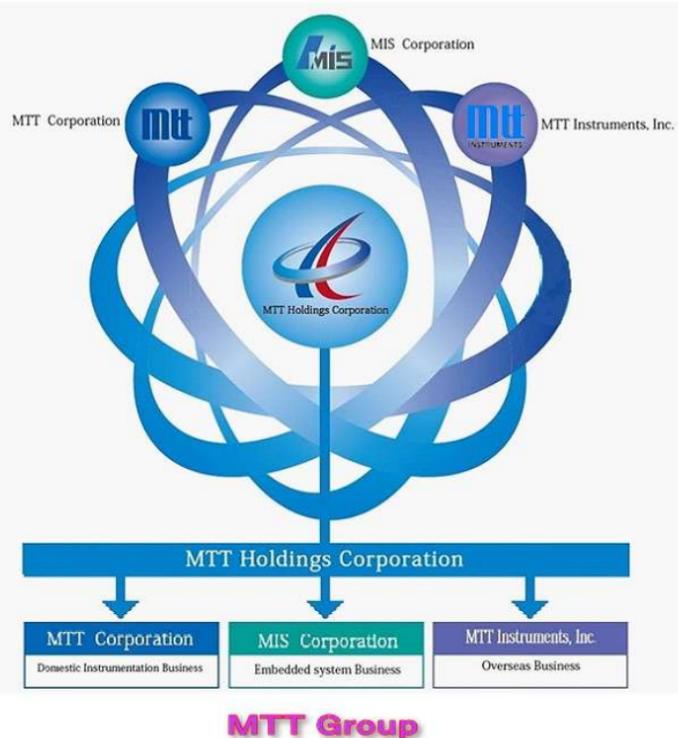
Explosion-proof tablet PC (CML, ATEX, IECEx)

The UX10-EX is a 10.1-inch, ultra-rugged Windows tablet PC that has passed the US military's GETAC explosion-proof test. It is Zone 2 compliant. It has been upgraded from the previous IP65 to IP66 and is MIL-STD 810H certified.



Carrying out overseas business, including exporting and selling various signal conditioners (isolators) manufactured by MTT worldwide, providing marketing support to overseas business partners, and supporting new projects. Sales of various domestic and international products.

SHAPING THE FUTURE OF JAPAN AND THE WORLD WITH SMALL PARTS



Since its founding in 1971, MTT Instruments, Inc. has been a specialized company that has met domestic and international needs in the measurement and control fields with its high-precision products and technical capabilities. Our in-house manufactured signal converters, in particular, have earned high praise from customers worldwide for their high reliability and accuracy. In 2019, with MTT Holdings at the core, we spun into three companies - MTT, MIS, and MTT Instruments - with the aim of maximizing the characteristics and strengths of each business and strengthening the business of the entire group. By specializing in their respective fields, we are further improving our technical capabilities and proposal capabilities, and enabling swift and accurate decision-making. We will create synergies through collaboration between these companies and work to create value across the entire group.

For detailed specifications, click here.

- MTT Isolated Signal Conditioner **MS3700 Series** <https://mtt.co.jp/en/?pcat=a01>
MS3000 Series <https://mtt.co.jp/en/?pcat=a06>
- Insulated explosion-proof barrier **D5000 Series** <https://mtt-ins.co.jp/explosion-proof-2/#01>
DB1000-M Series
- Precision Gear Pump <https://mtt-ins.co.jp/other/#01>
- Transformer CT & VT <https://mtt-ins.co.jp/other/#04>
- Ethernet Remote I/O Module <https://mtt-ins.co.jp/other/#06>
- AC/DC DIN RAIL power supplies <https://mtt-ins.co.jp/other/#05>
- Insulated Explosion Barrier <https://mtt-ins.co.jp/explosion-proof-2/#05>



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Take the Osaka Metro Midosuji Line (Kita-Osaka Kyuko Line) Minoh-Senba-Handaimae Station ticket gate to the left and go up the stairs at Exit 2 or the escalator or elevator at Exit 3.

