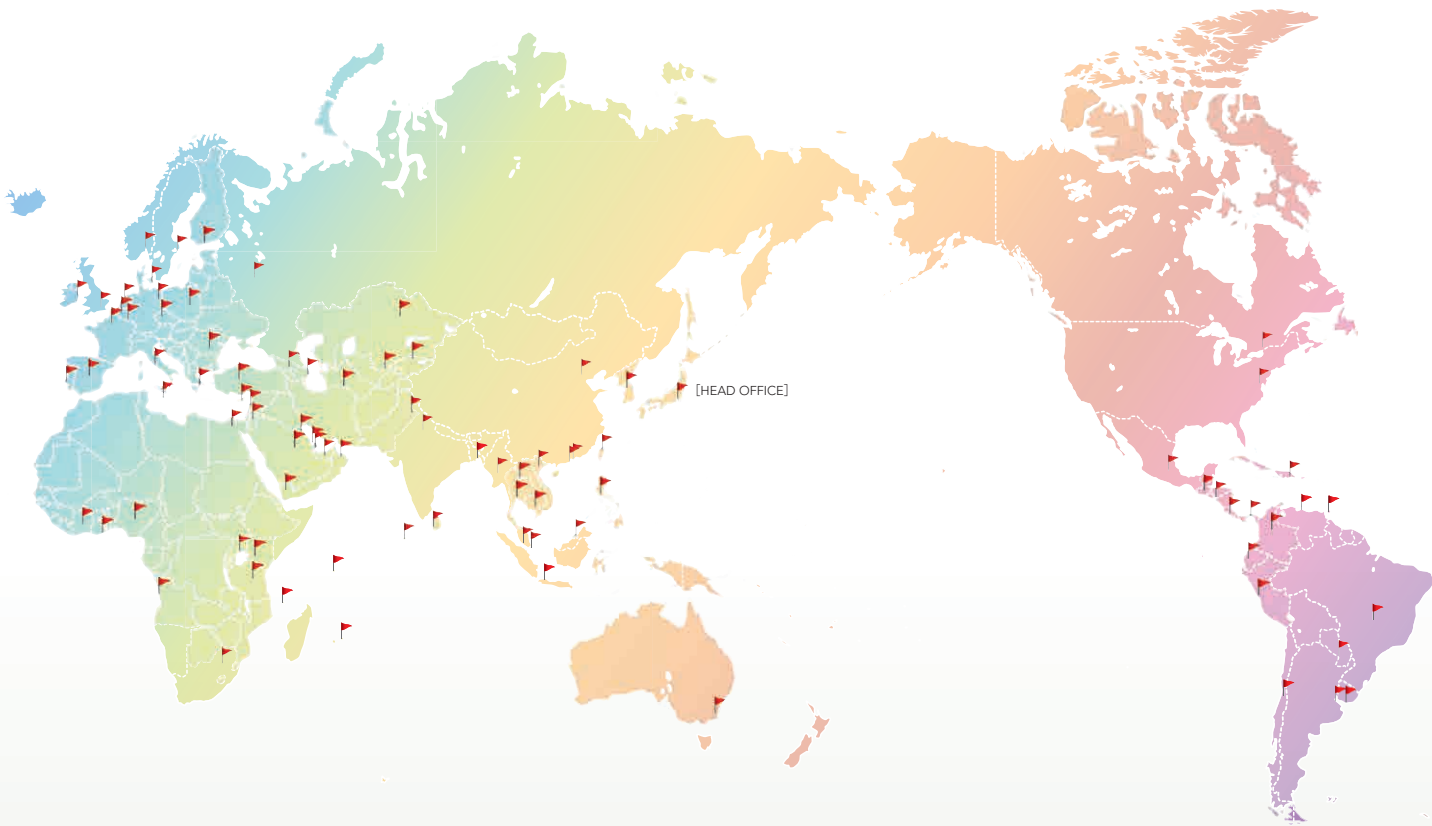
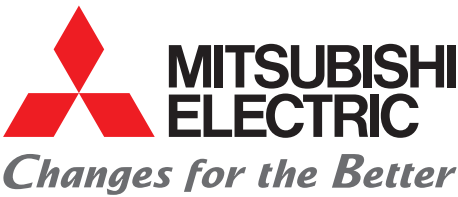


Mitsubishi Electric is an official sponsor for the Japan pavilion at the Expo 2020 Dubai to be held in United Arab Emirates (U.A.E.).



Mitsubishi Electric Global Network

- Angola

·Argentina

·Australia

·Azerbaijan

·Bahrain

·Bangladesh

·Belgium

·Brazil

·Brunei Darussalam

·Cambodia

·Canada

·Chile

·China

·Colombia

·Comoros

·Costa Rica

·Cote D'Ivoire

·Cyprus

·Czech Republic
- Denmark

·Dominican Republic

·Ecuador

·Egypt

·Finland

·France

·Georgia

·Germany

·Ghana

·Greece

·Guatemala

·Honduras

·Hong Kong

·India

·Indonesia

·Ireland

·Italy

·Japan

·Jordan
- Kazakhstan

·Kenya

·Kuwait

·Kyrgyzstan

·Laos

·Lebanon

·Luxembourg

·Macau

·Malaysia

·Maldives

·Malta

·Mauritius

·Mexico

·Myanmar

·Netherlands

·Nigeria

·Norway

·Oman

·Pakistan
- Panama

·Paraguay

·Peru

·Philippines

·Poland

·Portugal

·Qatar

·Romania

·Russia

·Saudi Arabia

·Seychelles

·Singapore

·South Africa

·South Korea

·Spain

·Sri Lanka

·Sweden

·Taiwan

·Tanzania
- Thailand

·Trinidad and Tobago

·Turkey

·Turkmenistan

·Uganda

·United Arab Emirates

·United Kingdom

·United States

·Uruguay

·Uzbekistan

·Venezuela

·Viet Nam

·Yemen

# A WIDE WORLD OF PRODUCTS, SYSTEMS & SOLUTIONS

## MITSUBISHI ELECTRIC AT A GLANCE

MITSUBISHI ELECTRIC CORPORATION  
www.MitsubishiElectric.com



The Mitsubishi Electric Group is contributing to meeting the 17 SDGs.





# EVERYWHERE YOU LOOK AROUND YOU, MITSUBISHI ELECTRIC IS THERE.

From energy-efficient air conditioning systems, and elevators that ascend tall skyscrapers with ease, to satellite systems that keep you connected wherever you are, Mitsubishi Electric is providing integrated solutions to address diversifying social challenges, in the four fields of **LIFE, INDUSTRY, INFRASTRUCTURE** and **MOBILITY**, uniting all the capabilities inside and outside of the Group.



SPACE SYSTEMS



TRANSPORTATION  
SYSTEMS



ENERGY SYSTEMS



FACTORY  
AUTOMATION  
SYSTEMS



SEMICONDUCTORS  
AND DEVICES



PUBLIC SYSTEMS



INFORMATION AND  
COMMUNICATION  
SYSTEMS



BUILDING SYSTEMS



VISUAL  
INFORMATION  
SYSTEMS



AUTOMOTIVE  
EQUIPMENT



HOME PRODUCTS



AIR CONDITIONING  
SYSTEMS



# A CLOSER LOOK AT MITSUBISHI ELECTRIC PRODUCTS, SYSTEMS AND SOLUTIONS.

For every challenge at home, at work, around town and even in the skies and beyond, Mitsubishi Electric has the solution. Integrating our broad lineup of innovative products and services, we provide keys to unlock new possibilities and changes for the better.



HOME PRODUCTS

Refrigerators and Freezers

Air Purifiers

Dehumidifiers

Electric Fans

Ventilation Fans

Water Pumps

BUILDING SYSTEMS

Elevators and Escalators

Hand Dryers

Access Control Systems

Elevators

Escalators

Moving Walks

Jet Towel

MELSAFETY

AIR CONDITIONING SYSTEMS

Room Air Conditioners

Package Air Conditioners

Variable Refrigerant Flow (VRF)

Ventilators

Air to Water Heat Pumps

Chillers

Air Conducting Fans

Compressors

IT Cooling Systems

Module Combination

Inverter Scroll Chiller

Rack Cooler Units

Computer Room Air Conditioning Units (CRAC)

PUBLIC SYSTEMS

Uninterruptible Power Supply (UPS)

Water Treatment Systems

Applied Superconductor Systems

Ozone Generation System

Monitoring and Control Systems

Superconducting Magnet for Scientific Research

FACTORY AUTOMATION SYSTEMS

Mitsubishi Electric's e-F@ctory concept utilizes both FA and IT technologies, to reduce the total cost of development, production and maintenance, with the aim of achieving manufacturing that is a "step ahead of the times". It is supported by the e-F@ctory Alliance Partners covering software, devices, and system integration, creating the optimal e-F@ctory architecture to meet the end user's needs and investment plans.

Edge Computing Products

Controllers

Drive Products

Visualization

Industrial/Collaborative Robots (MELFA)

Computerized Numerical Controllers

Low-voltage Power Distribution Products

Processing Machines

Industrial PC (MELIPC)

Edgecross Compatible Software (IQ Edgecross)

AI technology for real time data analysis

Programmable Controllers (MELSEC)

Simple Application Controllers

Motion Controllers

AC Servos (MELSERVO)

Inverters (FREQROL)

AI enabled diagnostic and maintenance functions.#1

Human-Machine Interfaces (GOT)

SCADA

AI enabled diagnostic and maintenance functions.#1

Low-voltage Circuit Breakers

Contactors and Motor Starters

Electrical Discharge Machines

Laser Processing Machines

#1 Not available on all models

VISUAL INFORMATION SYSTEMS

Large-scale Visual Information Systems

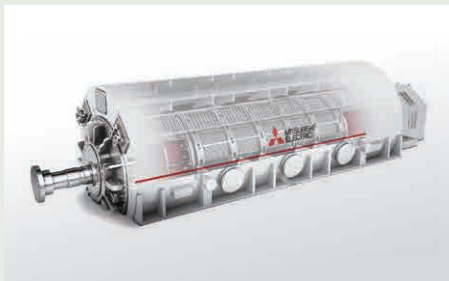
Diamond Vision™





## ENERGY SYSTEMS

### Power Systems



•Power Generation Systems



•Transmission & Distribution Systems



•Medium & Low-voltage Switchgear and Systems



•Ultra-thin Robot for Power Generator Inspection



•Static Synchronous Compensator



•Cubicle-type Gas Insulated Switchgear



## TRANSPORTATION SYSTEMS

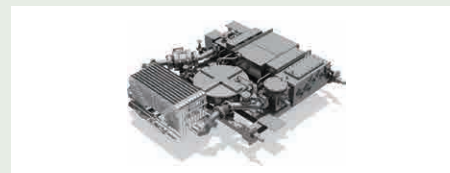
### Train Systems



•Traction Motor



•VVVF Inverter



•Main Transformer



•Air Conditioner



•Train Control and Management System (TCMS)



•Train Vision (Passenger Information System)



## INFORMATION AND COMMUNICATION SYSTEMS

### 100Gbps Transmission System Solutions



•100G DWDM Systems



•100G Media Converter

### Optical Access Systems



•Multi-PON Module OLT transceiver



•GE-PON (Gigabit-Ethernet Passive Optical Network)

### IoT Systems



•IoT Gateway



## AUTOMOTIVE EQUIPMENT

### Powertrain Products

- Alternator
- Motor Generator
- Starter
- Inverter
- Motor
- Integrated Starter Generator (ISG)
- Engine Control Unit
- EGR Valve
- Sensor



•Alternator



•Engine Control Unit



•Integrated Starter Generator (ISG)



•EGR Valve

### Chassis Control Products



•Electric Power Steering System (Motor/Control unit)

### Car Multimedia & Safety Products

- Car Navigation System
- Display Audio
- Rear Seat Entertainment System
- ADAS ECU
- LED Control Unit
- High-definition Locator
- Driver monitoring system



•Car Navigation System



•ADAS ECU



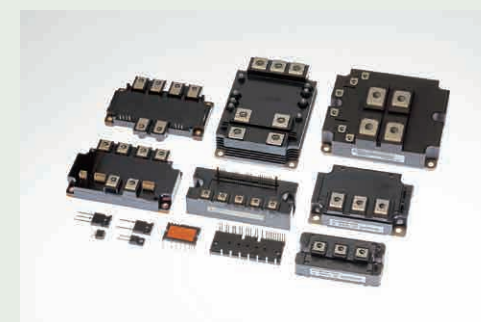
•LED Control Unit

NOTE: Automotive equipment from Mitsubishi Electric is sold as original equipment mainly to automobile manufacturers. If you have an inquiry for non-aftermarket parts, please contact your car manufacturer or local service dealer.



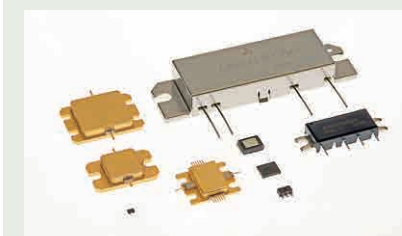
## SEMICONDUCTORS AND DEVICES

### Power Devices



- SiC-MOSFETs
- SiC-SBDs
- SiC Power Modules
- SOPIMs
- DIPIPMs
- IPMs
- IGBT Modules
- HVIPT Modules
- Power MOSFET Modules
- Diode Modules
- PFC Modules
- Thyristor Modules
- Rectifier Diodes
- Thyristors
- HVICs, etc

### High-Frequency Devices



### Optical Devices



### Infrared Sensors

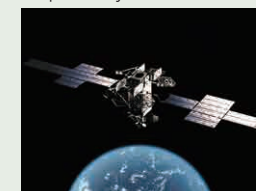


### Contact Image Sensors



## SPACE SYSTEMS

### Space Systems



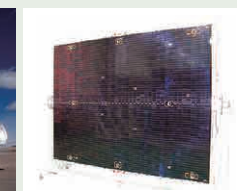
•Satellite Platform



•Satellite Programs



•Optical and Radio Telescopes



•Satellite Components

### High-Precision GPS Mobile Measurement System



•Mobile Mapping System

NOTE: This leaflet introduces products and systems sold in Japan; some products may not be available in certain markets outside Japan.

# MITSUBISHI ELECTRIC SMART SOLUTIONS



## BUILDING

From one-off sales to complete packages for commercial and retail building complexes, Mitsubishi Electric has the optimal building environment and management system tailored to your needs.

### Building Management Systems (BMS)



### Air Conditioning Systems

Package  
Air Conditioners



Variable  
Refrigerant Flow  
(VRF)



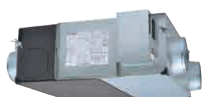
Inverter Scroll Chiller



Air Conducting Fans



Fresh Air Heat Recovery Ventilators (Lossnay)



### Sanitary Equipment

Hand Dryers  
(Jet Towel)



### Visual Information Systems

Large-scale  
Visual Information  
Systems  
(Diamond Vision™)



### Access Control Systems

Elevators



Escalators



Access Control  
Systems



Destination  
Oriented  
Allocation  
System  
(DOAS)



### Power Distribution Systems

Medium & Low-voltage Switchgear  
and Systems



Low-voltage Power  
Distribution Products



Uninterruptible  
Power Supply  
(UPS)







## DATA CENTER

Mitsubishi Electric offers a variety of high-quality products for all applications where cooling solutions provide extremely precise temperature, humidity and air filtration.

### Data Center Management Systems



SCADA

### Air Conditioning Systems

Package Air Conditioners



Variable Refrigerant Flow (VRF)



### IT Cooling Systems



Computer Room Air Conditioning Units (CRAC)



Rack Cooler Units



Inverter Scroll Chiller



Module Combination

### Power Distribution Systems

Uninterruptible Power Supply (UPS)



Low-voltage Power Distribution Products



Medium & Low-voltage Switchgear and Systems



## FACTORY

Offering a vast range of automation and processing technologies, Mitsubishi Electric helps bring high productivity and quality to factories.

### Factory Management Systems



SCADA

### Air Conditioning Systems



Package Air Conditioners



Variable Refrigerant Flow (VRF)



Air Conducting Fans



Fresh Air Heat Recovery Ventilators (Lossnay)

Commercial Package Air Conditioners



### Factory Automation Systems



AC Servos (MELSERVO)



Inverters (FREOROL)

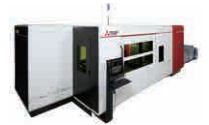


Industrial/Collaborative Robots (MELFA)



Programmable Controllers (MELSEC)

Laser Processing Machines



### Power Distribution Systems

Medium & Low-voltage Switchgear and Systems



Low-voltage Power Distribution Products



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