

High Speed Railway Conference



MITSUBISHI ELECTRIC CORPORATION

June 28, 2010

Snapshot of Global Activities

Established: January 15, 1921

Consolidated Net Sales: US \$37.4 Billion

Energy & Electric Systems

Power Generation System



Railway Systems



Industrial & Automation Systems

Automation Equipment



Industrial Products



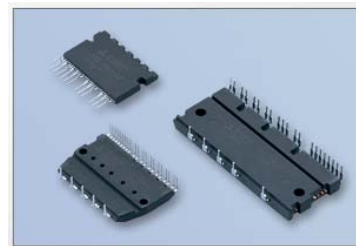
Information & Communication Systems

Communications Satellite



Electronic Devices

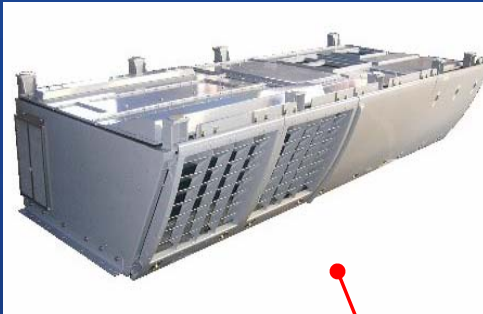
Power Devices



Home Appliances

Room Air Conditioners





HVAC



Main Transformer



Traction Motor



ATC



Train Info System



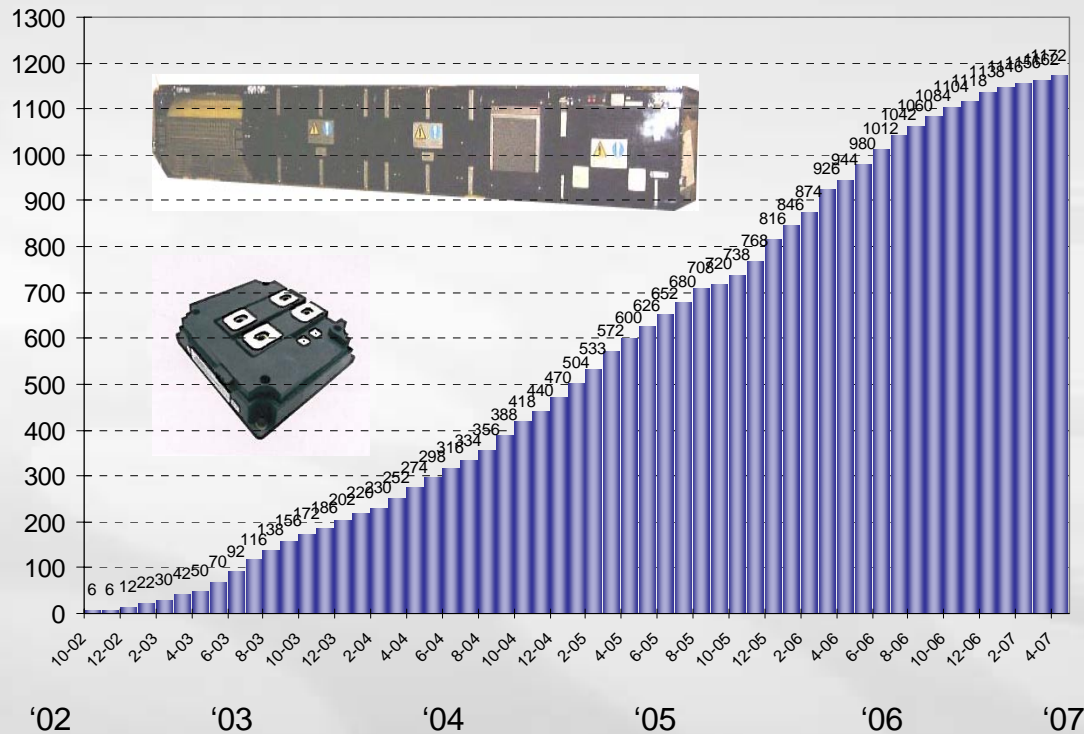
Converter/Inverter

Depth of Supply Experience in US



Actual Performance of M-7 cars (Propulsion)

Accumulation **Number of Cars Delivered to LIRR and MNR**



Order received:

- Base - 226 Cars (LIRR)
- Option 1 - 100 Cars (LIRR)
- Option 2 - 180 cars (MNR)
- Option 3 - 352 Cars (LIRR)
- Option 4 - 120 Cars (MNR)
- Option 5 - 36 Cars (MNR)
- Option 6 - 158 Cars (LIRR)

Total 1172 Cars

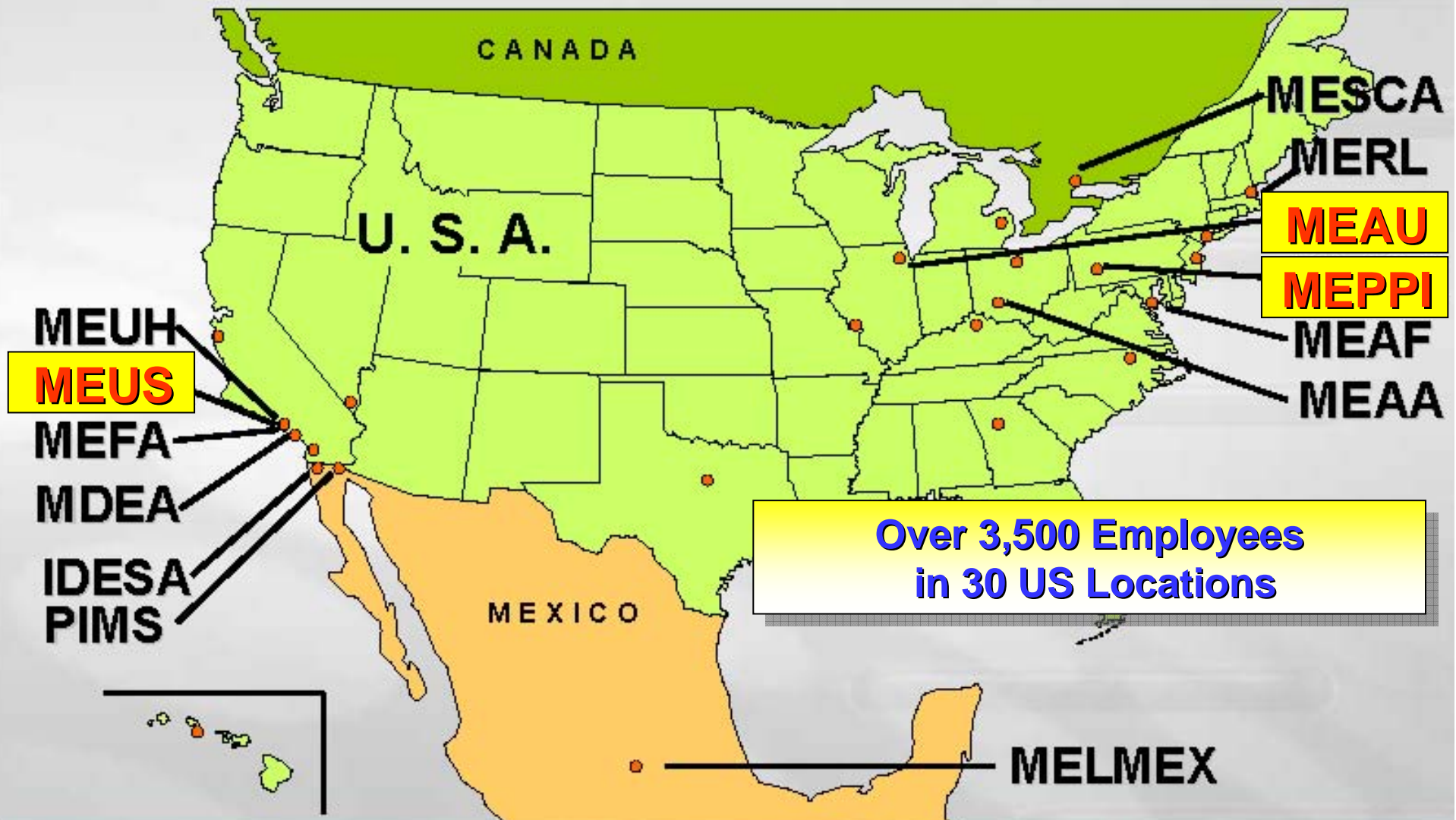
MDBSF = ∞

Mean Distance Between Service Failure
(Service Interruption exceeding 5 min 59 sec)

MDBCF = over 600,000 miles

Mean Distance Between Component Failure

Locations in North America

CONFIDENTIAL

Mitsubishi Electric Power Products, Inc

Headquarters: Pittsburgh, PA.



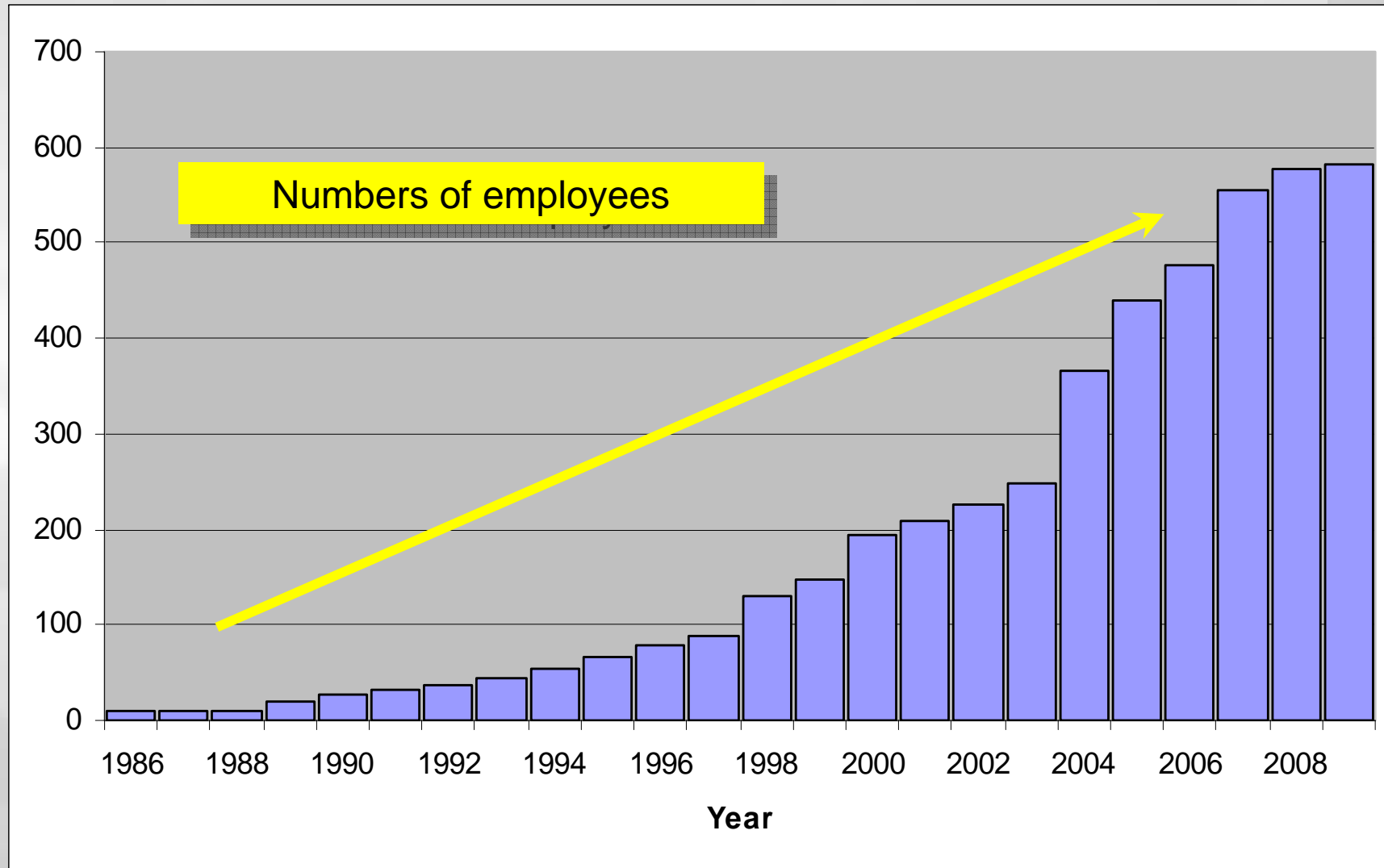
Incorporated in 1985

- Began US manufacturing of high voltage circuit breakers in 1990
- Transportation Systems and other products introduced beginning in 1998
- 555 employees

Groups

- **Power Systems Group**
- **Public Utility Group**
 - **Transportation Systems**
 - **Ozone Water Treatment**
 - **Diamond Vision**
 - **Uninterruptible Power Supplies (UPS)**

Our businesses are growing !



Transportation Products

Changes for the Better



Train Vision



Train Info System



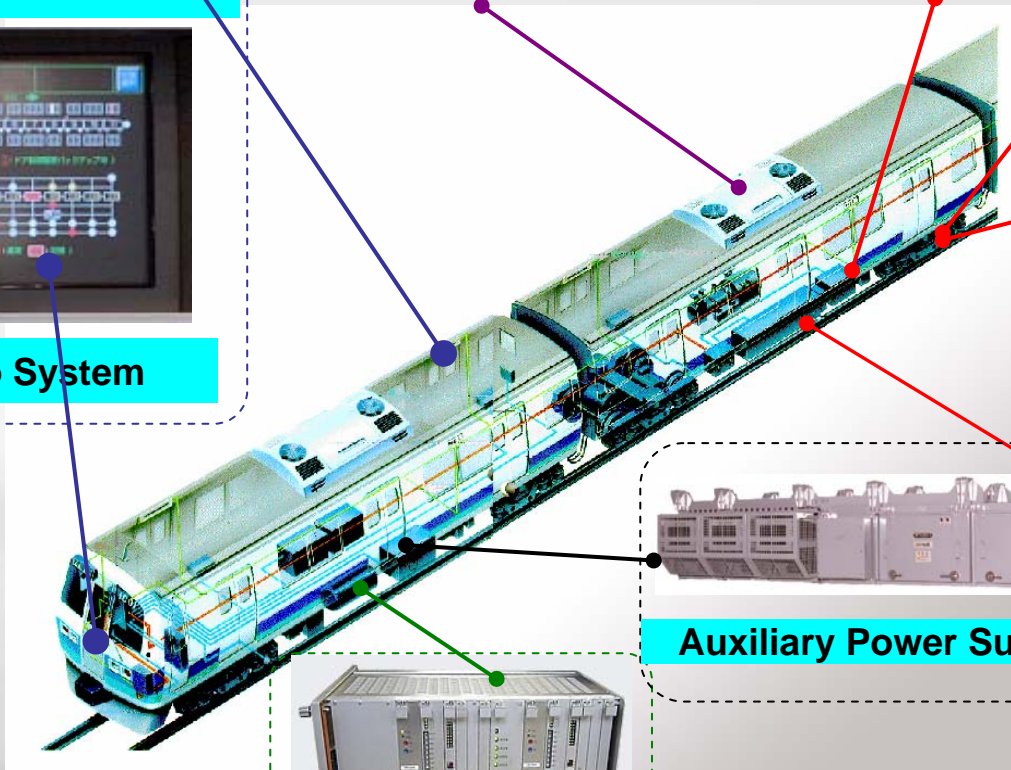
HVAC



Main Transformer



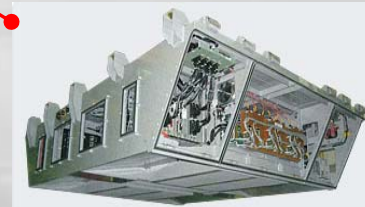
Traction Motor



Gear Unit/Coupling



Gear Unit/Coupling



Converter/Inverter



Auxiliary Power Supply



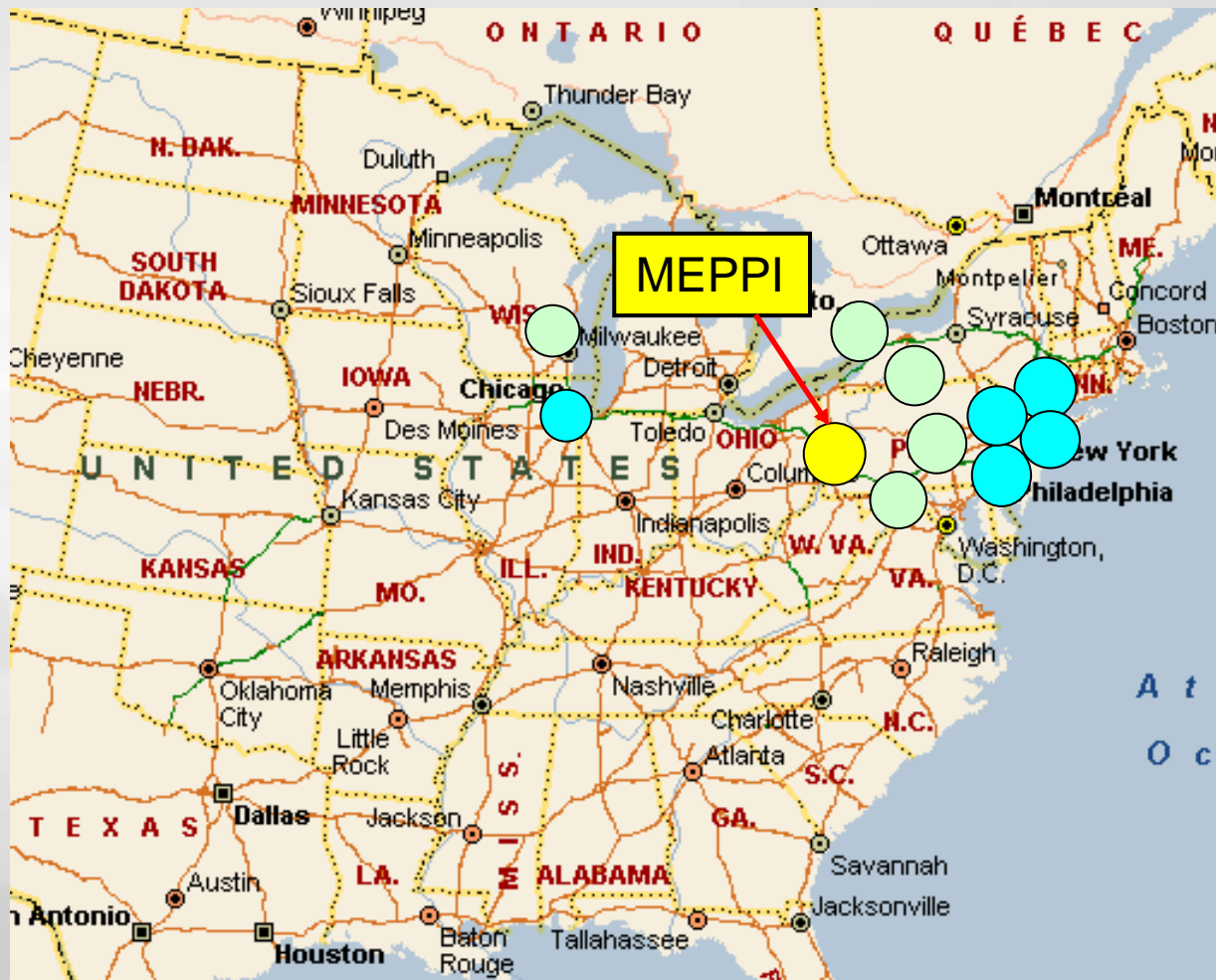
ATC/ATS/ATO

Transportation Systems US Manufacturing Operation

- Program management
- Supply management
 - Buy America compliance
- Local added value (LAV) manufacturing activities
- Warranty and repair services
- Satellite operations



Location of Customers and Key Suppliers In US



Customer

Supplier

MEAU : Vernon Hills, IL

- Established in 1974
- Chicago HQ established 1982
- Number of Employees
 - 276 employees
as of June 2010
- Sales and Service
- Long term presence
in US and Chicago



MEAU Product Lines

**Industrial
Automation
Equipment**

PLCs

HMIs

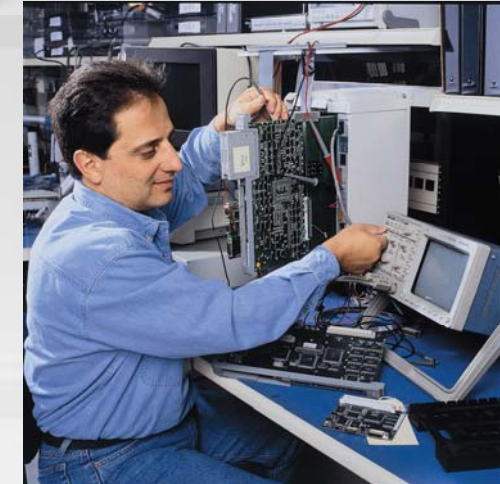


**Drive
Control
Equipment**

AC Servos

Motion Controllers

Inverters



**Distribution
Control
Equipment**

MCCB/ELCB

Motor-starters



**Mechatronics
Products**

Numerical Controllers (CNC)

Robots

Laser Processing Machines *

Electrical-Discharge Machines *

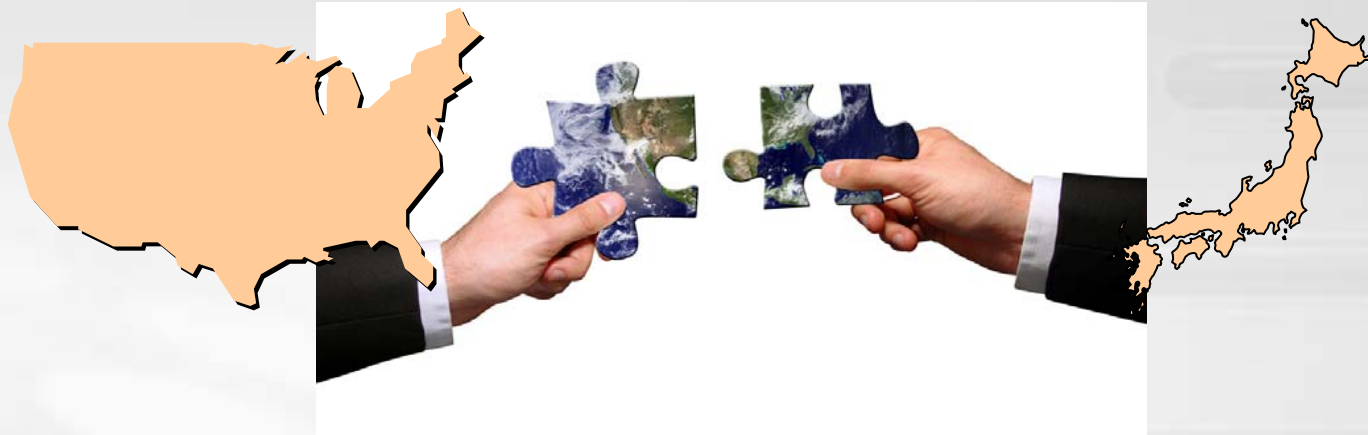


** Technical Support Only*

Mitsubishi Electric is committed to US Content

- Final Assembly and Test (Jobs, Facilities)
- Warranty and Repair Support (Jobs)
- US Parts Sourcing (US Suppliers)
- Supply Management (Jobs, US Suppliers)
- Technical Field Service (Jobs, Facilities)
- Project Management (Jobs)

MELCO- US Business Commitment



**MELCO Content = Strong commitment
to Chicagoland and Midwest for
manufacturing, sourcing, and support**

