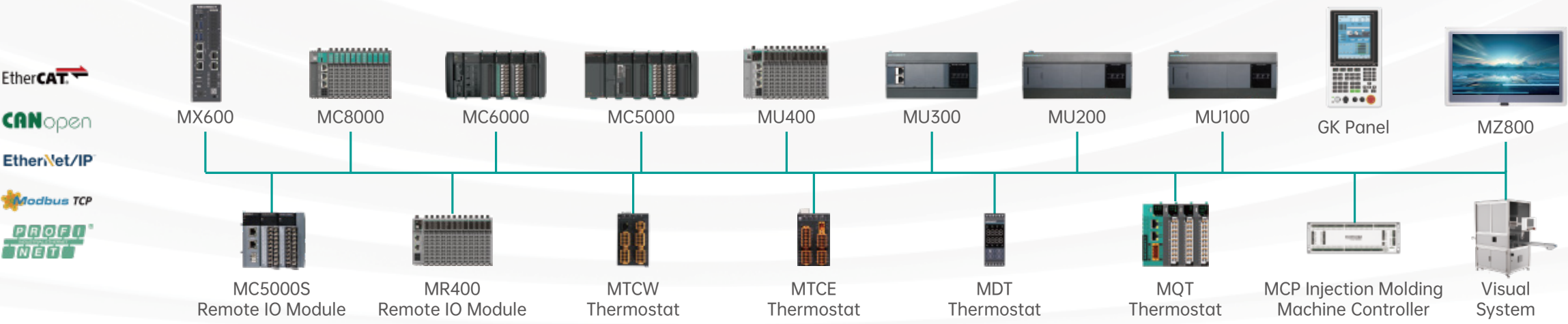


Industrial Automation

Communication Layer



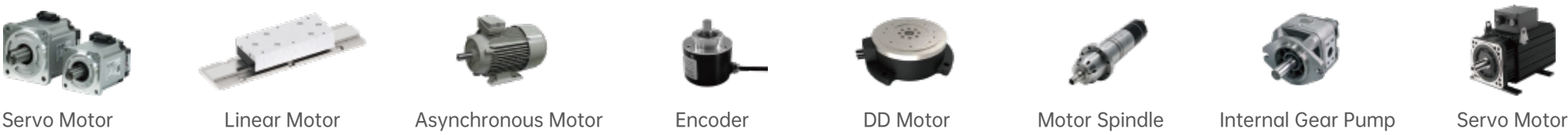
Control Layer



Driver Layer



Execution Layer



MEGMEET

SHENZHEN MEGMEET ELECTRICAL CO., LTD.

Add: 5th Floor, Block B, Unisplendour Information Harbor,
Langshan Rd., Science & Technology Park, Nanshan District,
Shenzhen, 518057, China

Version: 202505

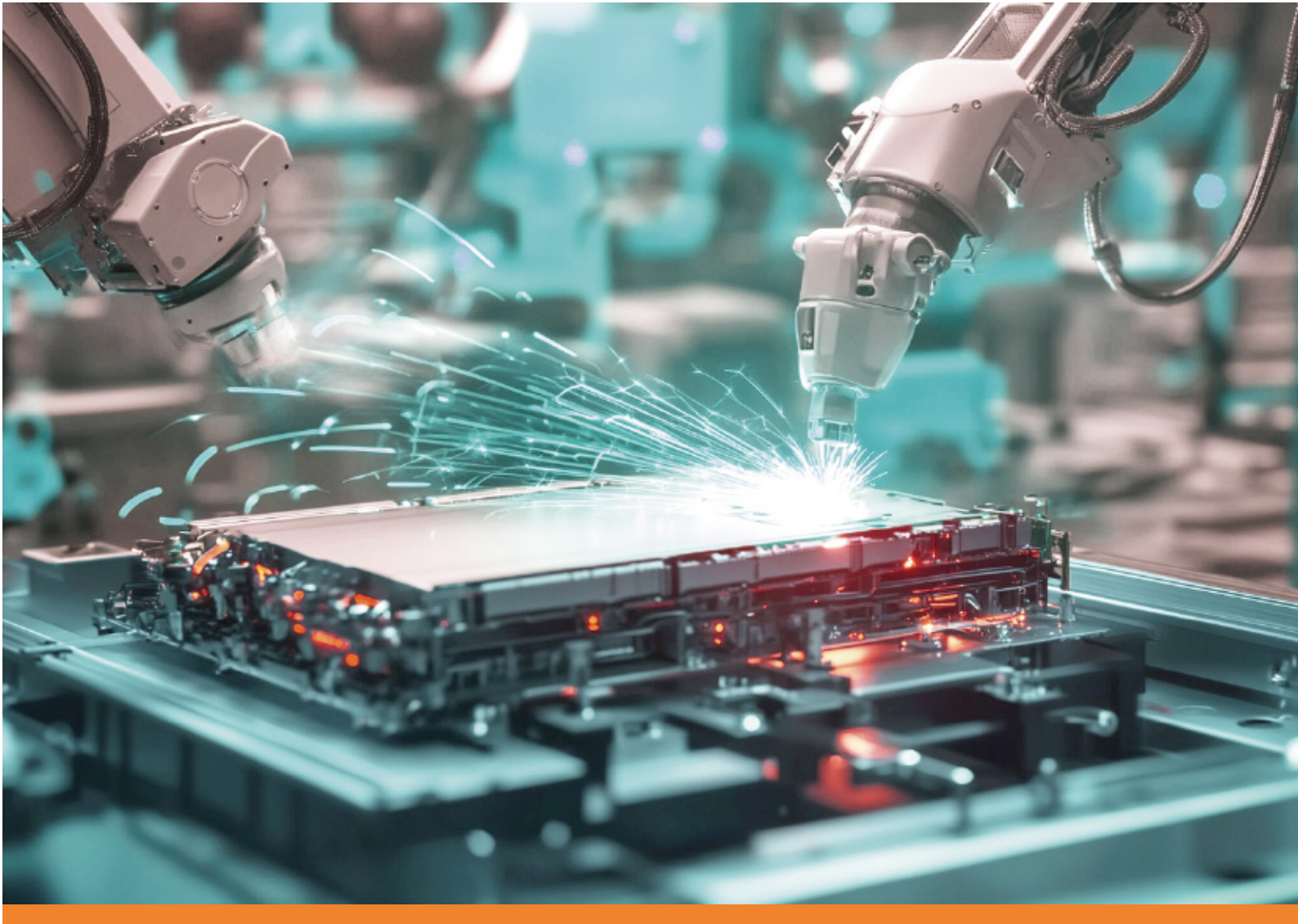
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IN ELECTRICAL AUTOMATION

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ABOUT MEGMEET

MEGMEET is a comprehensive solution provider for hardware and software R&D, production, sales, and service in the field of electrical automation. With power electronics and automation control at its core, MEGMEET's main businesses include Power Solutions, Industrial Automation, eMobility & EV Infrastructure, Intelligent Equipment, Home Appliance Control Solutions, and Precision Connection.

MEGMEET is committed to creating a cleaner living environment for all human beings through more efficient energy utilization and improved manufacturing efficiency. MEGMEET aims to become the world leader in electrical automation and achieve the goal of MEGMEET EVERYWHERE.

**2800 +**
R&D Employees

**10**
R&D Centers

**8200 +**
Total Employees

**9**
Manufacturing Centers

**1990 +**
No. of Patents & IP Rights



MV800 Series Drive



- New MCU processor
- Integration of asynchronous/permanent magnet synchronous motor, V/F, SVC and FVC control
- Support ABZ, ABZ/UVW, Resolver, SinCos and other encoders
- Communication: Modbus, Profibus-DP, Profinet, EtherCAT, CANopen, and Ethernet expansion cards
- 8-channel DI main module, 3-channel DO, 2-channel AI and 1-channel AO. IO expansion card is available
- Max. power up to 400 kW

MV520 Series Drive



- Supports side-by-side installation, ideal for compact cabinets
- Pluggable spring terminals for the main circuit; 45° upward control terminals for easy access
- Screw-free cover and removable fan for quick service
- External Keypad with Base
- Host computer connection via USB-Type-C
- Dual RJ45 Ports and optional STO
- Single-phase 220 VAC: 0.4 to 2.2 kW; Three-phase 380 VAC: 0.4 to 5.5 kW

M5 Series Servo System

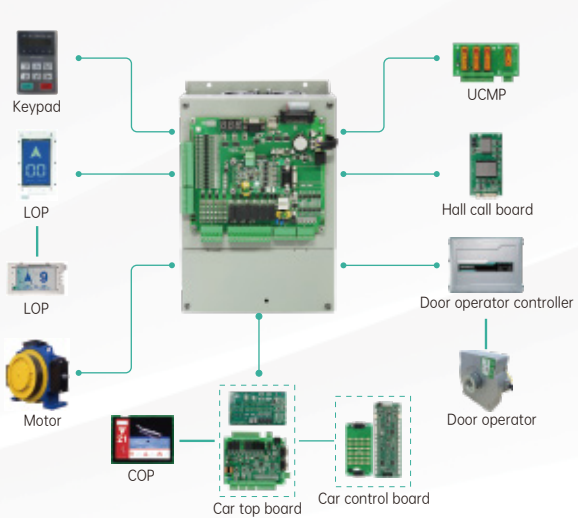


- Bus communication protocol: EtherCAT(CoE/SoE),CAN, RS485
- Key features: inertia recognition, gain adjustment, friction compensation, torque disturbance observation, high frequency mechanical resonance suppression, low frequency mechanical resonance suppression, quadrant compensation
- Performance: high response (2.8 kHz), high overload, high bandwidth, high vibration resistance, high shake resistance, small size

Home Elevator Control Solution



Smile 3000 Series Integrated Elevator Controller



M6 Series Servo System



- Bus communication protocols: Modbus, CANopen, EtherCAT (COE/SOE), MECHATROLINK-III and PROFINET
- Abundant servo functions: inertia autotuning, resonance suppression, STO, fully closed loop, gantry synchronization, gain auto-tuning, touch probes, cogging torque compensation and so on
- Excellent performance: high response, high precision, high overload and high bandwidth
- Strong adaptation: compatible with multiple kinds of encoders, up to 7.5 kW

MU200 Series Small PLC



- Main module: 32/48/64/80 IO points; dual-core CPU processor
- High speed: standard 10K programming <= 0.5 ms; 0.5 μs basic instructions; 0.5 to 10 μs application instructions
- High capacity: 64K programming capacity
- High-speed IO: support up to 12-channel 200kHz pulse output
- Expansion: 2 expansion cards, up to 12 expansion modules
- Communication ports: RS232/485, Ethernet, CANopen, USB

MU400 Series Small PLC



- MCU + FPGA dual-core processor, 600MHz frequency
- 2 expansion card and 16 expansion modules (Max.)
- 2ms/4 EtherCAT axis (sync), 8 EtherCAT axis (Max.)
- 8*200K high-speed pulse input, 8*200K pulse output (single pulse, pulse + direction, AB phase, FWD+REV, etc.)
- 1M program capacity, 1M data capacity
- EtherCAT, Ethernet, CAN, RS485 and other interfaces
- 12mm body, PUSH IN and removable terminals

MV820E Series Elevator AC Drive



- A new platform for core hardware, designed with delicate structure, and optimized for motor control to achieve the drive integration of asynchronous motors and PM synchronous motors
- Supports modular expansions, multiple kinds of encoders, bus communication, flexible S-ramps and special logic control

ARD



- High safety, stability and continuity, responding to emergency situations quickly and properly
- As a backup power supply when the mains power is suddenly off, automatically leveling the elevator with the nearest floor, effectively avoiding passengers being trapped

Industrial Power Supply



- Ultra-wide power range: 35-600W
- High efficiency, high reliability, wide applications
- Ultra-thin design for various installations scenarios
- All-round protection function, equipped with conformal coating, safe and reliable

MC6000 Series Medium PLC



- EtherCAT control: 2 ms, 16 axis synchronous operation
- Built-in 200 kHz high-speed I/O (8*DI+8*DO)
- Programming languages: ST, SFC, FBD, CFC, LD, and IL
- Multiple interfaces: Ethernet, RS485, CAN, USB, TF card
- Large capacity: 16MB program capacity, 16MB data capacity, 256MB storage capacity, 64KB+4KB retention on power down, and TF card expansion storage
- Communication: MODBUS RTU, free format, MODBUS TCP, PROFINET, CANopen Master, EtherCAT Master, etc.
- Flexible expansion: Max. 16 expansion modules and 8096 I/O points

Thermostat



- Control channel: support 1/2/4/8/12/16 channels
- Special software: special software for easy set-up/debugging
- Multi-channel control: integrated multi-channel temperature control for centralized data management
- Dual PID function: heating&cooling dual-PID control function, 14 alarms such as upper and lower limits, deviation, etc.
- High precision: support self-tuning and multi-stage temperature setting functions to achieve high-precision temperature control
- Easy communication: Ethernet and serial ports offer easy data exchange, including thermostat-PLC communication, thermostat-HMI communication, and thermostat-computer communication

HMI



- Display LCD: high definition and brightness, size: 4.3"-22 "
- Resolution: 1920 x 1080 (Max.)
- Protection design: high-quality parts, three-proof spraying, Glass + Glass
- Internet accessing: Ethernet, 4G, WiFi, etc.
- MlinkClient platform: real-time view the device status and data

Linear Motor



Iron core linear motor

Sustained thrust 24N-6368N
Peak thrust 69N-13520N

- Silicon steel sheet enhances motor thrust as magnetic conductive material
- The motor's modular design offers versatile winding modes to meet diverse speed requirements

Voice coil motor

Sustained thrust 21N/40N
Peak thrust 64N

- Support high-frequency reciprocation, acceleration up to 30G



Coreless linear motor

Sustained thrust 26N-722.5N
Peak thrust 144N-3612.5N

- Lower back EMF, higher speeds with non-core permeability
- No core and no slot effect, higher positioning accuracy



Rod motor

Sustained thrust 7N-134N

- Slim shape and small dimensions, applicable for limited space
- Coreless winding motor suitable for lightweight and high dynamic use



Axial torque motor

Sustained thrust 3.45N.m-360N.m
Peak thrust 10.35N.m-1080N.m

- Flat large/medium hole axial magnetic field design offers higher torque density
- Integrated bearing and encoder for stable operation, accuracy up to ±3 arcsec

PCB linear motor

- PCB-integrated linear motor for a novel structure
- No slot force, optimal synchronization, and positioning accuracy