

Ecofriendly, Energy Saving, Healthy Life

Smart Grid Solution Provider- From Generation, Transmission, Distribution to Consumption



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New Energy BU, TATUNG CO.

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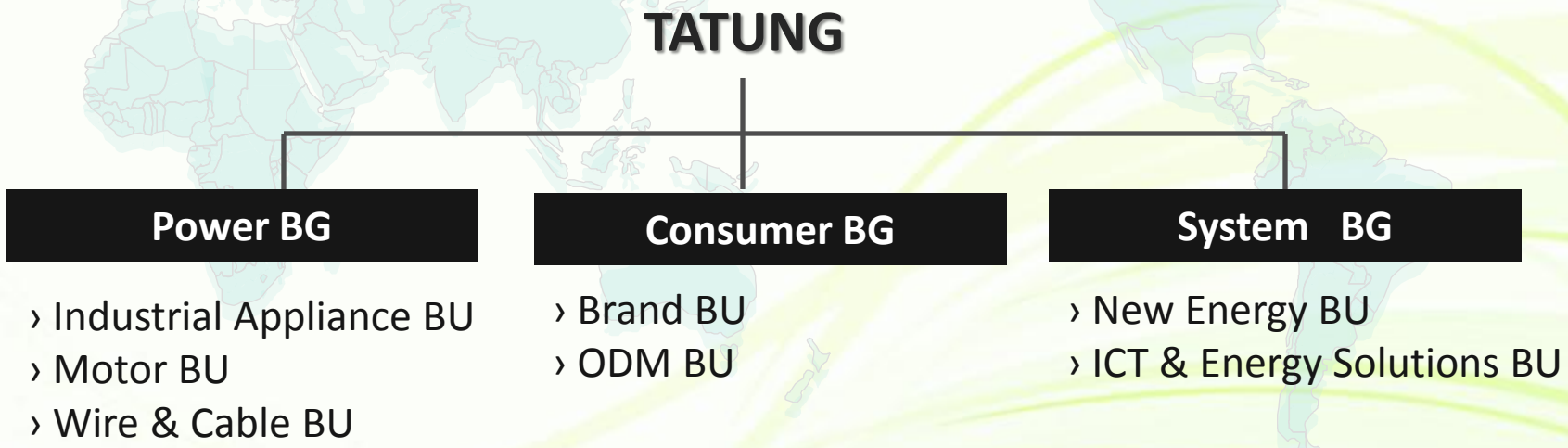
CONFIDENTIAL





Tatung Company Profile

| | |
|---------------------|--|
| Established | 1918 |
| Capital | USD 1.5 Billions |
| Revenue | USD 10 Billions (Group Consolidated) |
| Employees | Over 30,000 Worldwide (Group Consolidated) |
| Headquarters | Taipei, Taiwan |





Tatung Total Solution in Power Grid

Hydropower, Thermal power and Solar power Generation plants Engineerings

Renewable Energy



Extra High Voltage Substation



Extra High Voltage Cable



Smart Substation

Primary Substation



Super High Voltage Cable

Super high efficiency Appliances

System Integration

Advanced Distribution Automation

Energy Management

Super High Voltage Cable

Advanced Metering Infrastructure

Medium Voltage Cable



Secondary Substation

Energy Storage

Energy Saving

Hospital

Hotel

MRT

科學園區
Science Park

工業區

Industrial Park



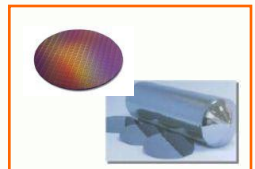
Vertical Integration of PV Business



Silicon

Shihlien Energy Technology Co.

- The most upstream poly-silicon solar industry



Ingot / Wafer

Green Energy



- 1st 8.5 generation thin-film PV module manufacturer
- 1st poly-crystalline PV Silicon Ingot manufacturer in Taiwan.



battery



Apollo Solar Energy

- Professional manufacturer 1st winning TUV and UL certificates in Taiwan.



Module



System

Tatung Co.

- System design
- Engineering construction





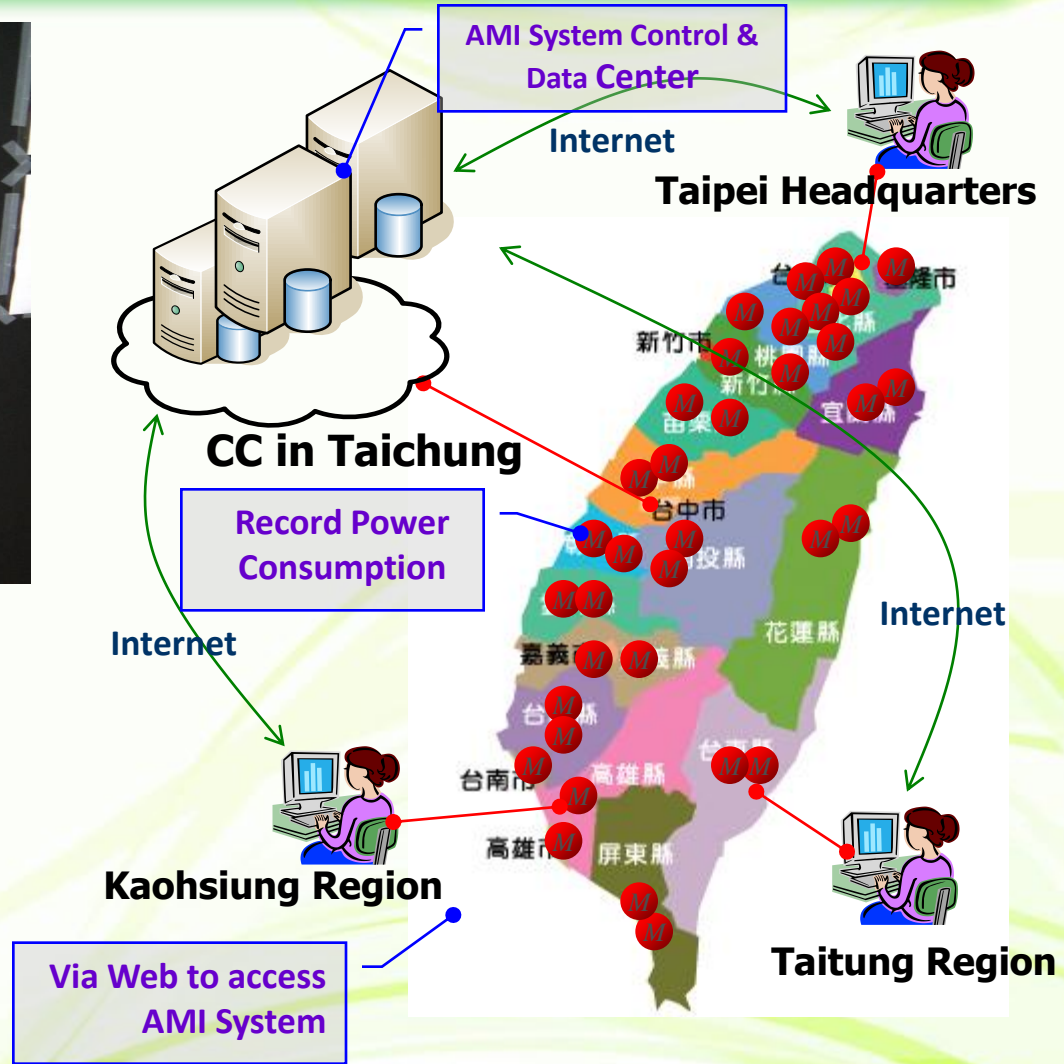
1st AMI System in Taiwan



Taichung

AMI System Control Center
(Established by Tatung)

Taiwan's 1st and only one supplier of AMI system.





AMI / DA Related Products



- ◆ Conformity with National Weights and Measures Act.
- ◆ Class 0.2 Accuracy (Class 0.2, 0.5, 1 & 2)
- ◆ TPC's major meter supplier.
- ◆ Winning Taiwan Excellence Awards for ANSI meter in 2006.
- ◆ Winning Taiwan Excellence Awards for EMS in 2007.
- ◆ Winning Taiwan Excellence Awards for MIU in 2008.
- ◆ Taiwan's 1st and only supplier of AMI system for TPC

- ANSI / IEC Smart Meter
 - 1Φ / 3Φ Meter Series
- Multi-functional Meter
 - 1Φ / 3Φ Meter Series
- MIU (Meter Interface Unit)
- Meter-to-Meter Communication (M2M) FTU / FRTU
- MDMS
- EMS (Energy Management System)
- Smart SCADA Platform

ANSI / IEC Certificates Ready!





Tatung Company & Tatung University

Industry-University Cooperation、 Research 、 Honesty

Industry-University Cooperation

Power ICT Program!

Tatung Co.

Tatung University

| | |
|-------------------|--------------|
| Doctor | 179 |
| Master | 666 |
| In-Service Master | 601 |
| Bachelor | 3,712 |
| Total | 5,158 |

- New Energy
- ICT & Energy Solutions
- Industrial Appliances
- Motor
- Wire & Cable
- Brand Appliances
- PV & Lighting Investment

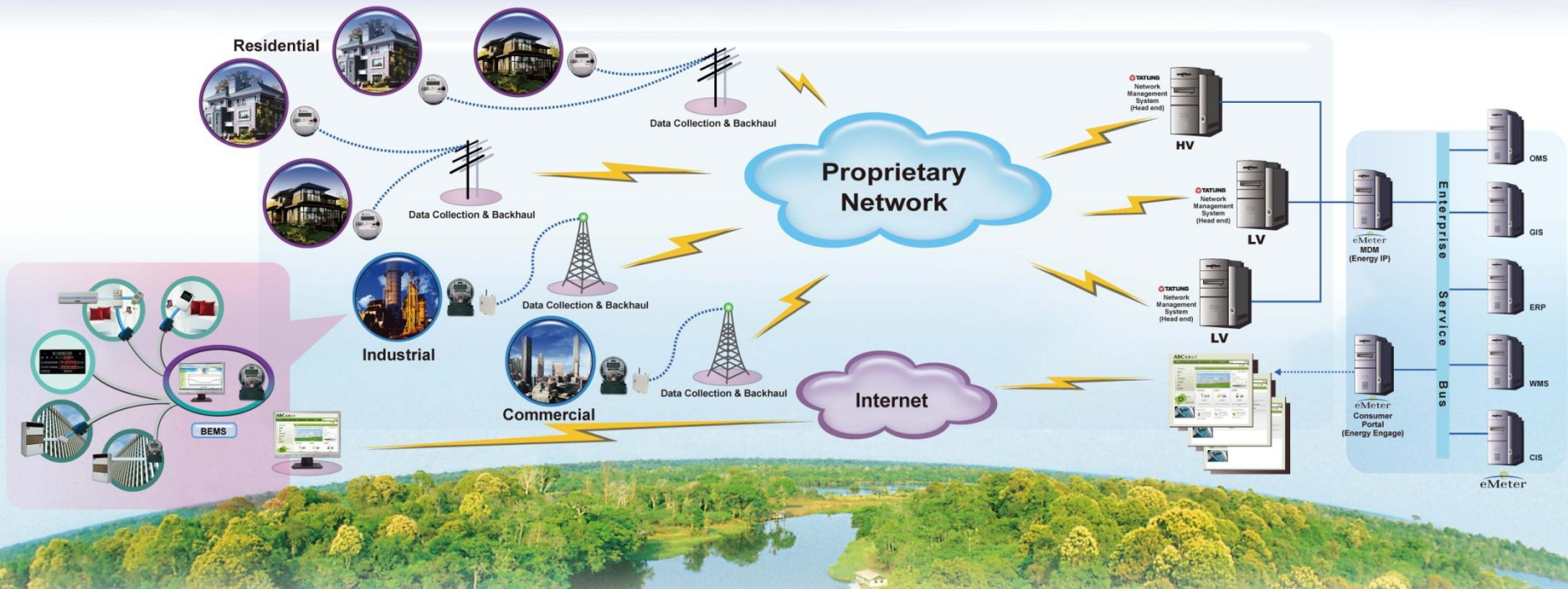


College

- Engineering
- Electrical and Information Engineering
- Management
- Design

Graduated School

- Mechanical Engineering
- Material Engineering
- Chemical Engineering
- Bioengineering
- Electrical Engineering
- Applied Mathematics
- Communication Engineering
- Electro-Optical Engineering
- Computer Science and Engineering



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Thank you for listening