

Streetlight Control System

SLBU

2012.10.26





Delta Mission

To provide innovative, clean and energy-efficient solutions for a better tomorrow.



Delta's Solar Energy System Covers the 2009 World Games Stadium.

Corporate Culture

Strive for change, and pursue sustainability.

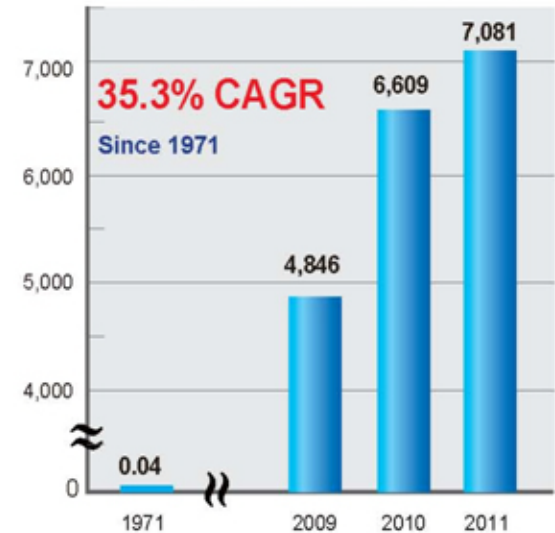
- **Quality**
Consistently deliver superior performance and pursue improvement all the time.
- **Innovation**
Create new ideas and take them to success effectively.
- **Customer Satisfaction**
Anticipate customer needs and exceed expectations.
- **Teamwork**
Fully leverage global value networks and collaborate to achieve mutual goals.
- **Agility**
Identify emerging trends and act quickly to capture new opportunities.



- **Founded: 1971**
- **Delta Electronics continues to be the world's number one provider of switching power supplies since 2002 and DC brushless fans since 2006.**
- **Dedicated to developing clean, high efficiency and energy-saving solutions in:**
 - Power Management
 - Renewable Energy: Wind and Solar Energy Systems
 - DC Brushless Fans & Thermal Management Solutions
 - Industrial Automation Systems
 - Networking Systems
 - High-end Display and Cinema Systems (3D Available)
 - Power Train Systems and Key Components for Electric Vehicles and Hybrid Electric Vehicles
 - Electronic & Optical Components, Optical Transceivers, EMI Filters, Solenoids & Valves
 - LED Lighting, Ballasts and Drivers
 - Voice Intelligence Platform
 - Cloud Computing Technologies
 - Handheld Healthcare Devices



Worldwide Revenues US\$ Millions



Business Categories





LED Lighting Mission

To provide advanced technologies, reliable quality, on-time delivery, competitive cost and active service to customer. (TQDCS)



Streetlight installation in Highway 107, ChenZhou, China

LED Lighting Offer

Lighting Products

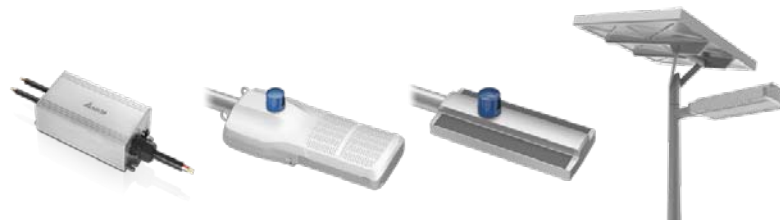


LED Lamps



General Lighting

Architectural Lighting



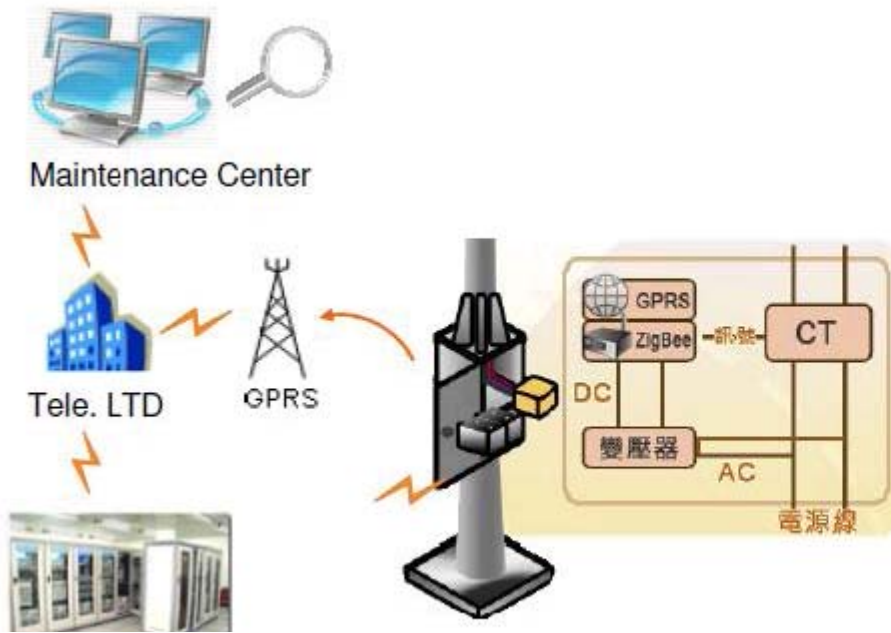
Street Lighting

Power Electronics



Energy-saving Ballasts /
HID Lamp Ballasts / LED Drivers

Example: Streetlight Control through ZigBee



SLDM with Zeebee Module



Street Lighting Smart Control System

LIST VIEW

ID	MAC Address	Frequency	Channel
1001	00:14:00:00:00:00:00:00		1
1002	00:14:00:00:00:00:00:00		2
1003	00:14:00:00:00:00:00:00		2





Example: Streetlight Control through Telensa



Luminaire with Telensa Module



Base Station

Base stations connect to the Central System through standard IP networking over 3G, ADSL or ethernet.
Similarly the user interface can be operated over the internet or an intranet.

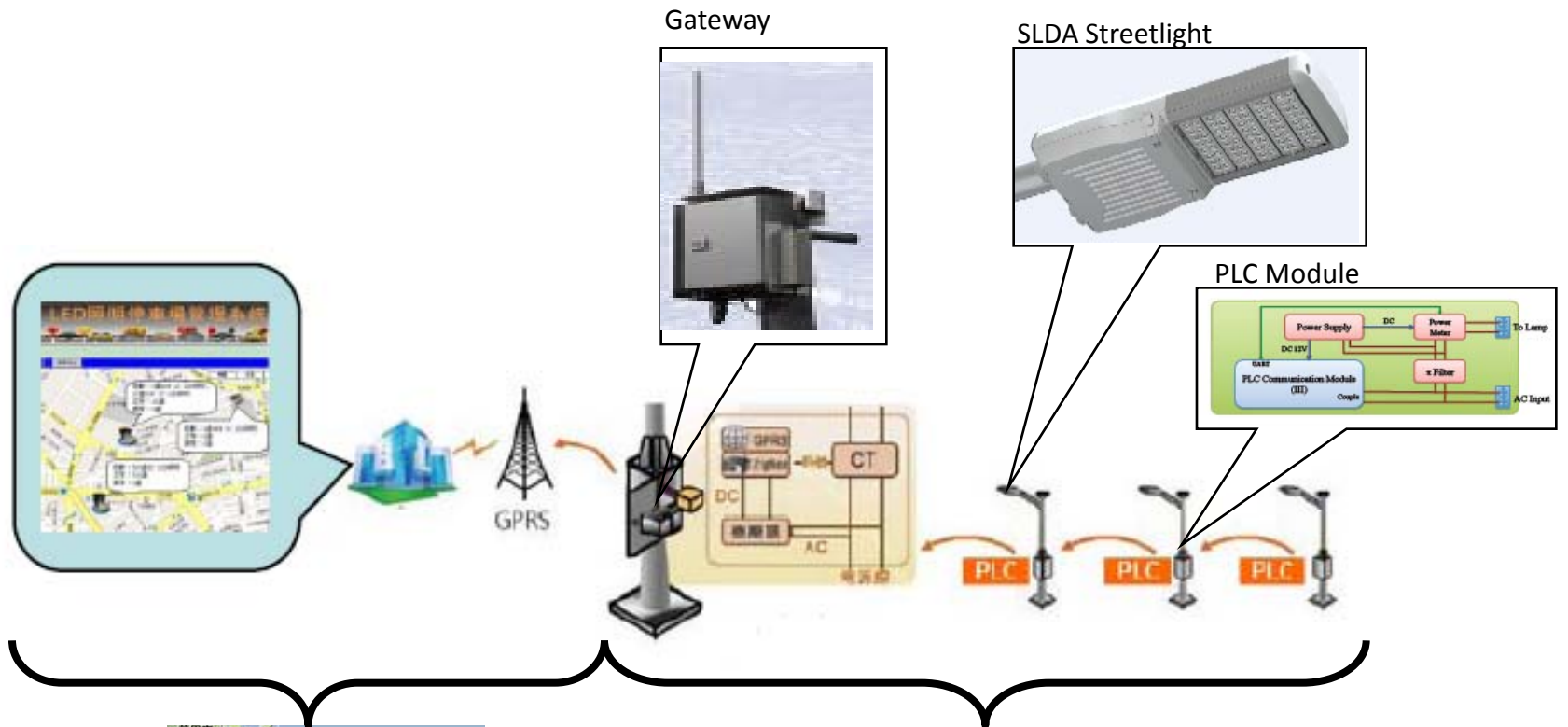


User Interface



Central System Server

Example: Streetlight Control through PLC



Mainframe Capacity > 100,000





Project Sharing

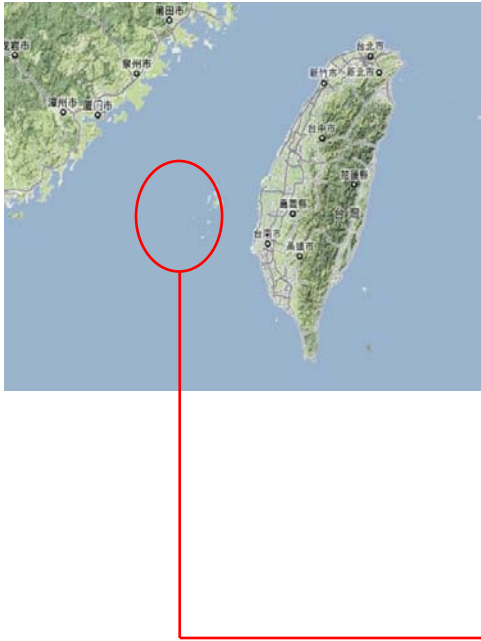
Energy Saving and Carbon Reduction

LED street lighting replacement turnkey project in Penghu County

LED lighting today is no longer a simple lighting selection but a tool to evolutionarily save energy consumption for the good of environment, our future generation, and sustainable development. Delta contribution starts with lighting up the island with LED street light, initiating the stepping stone to a low-carbon community; and together with tourism to milestone Taiwan position as one of world's top LED nation.

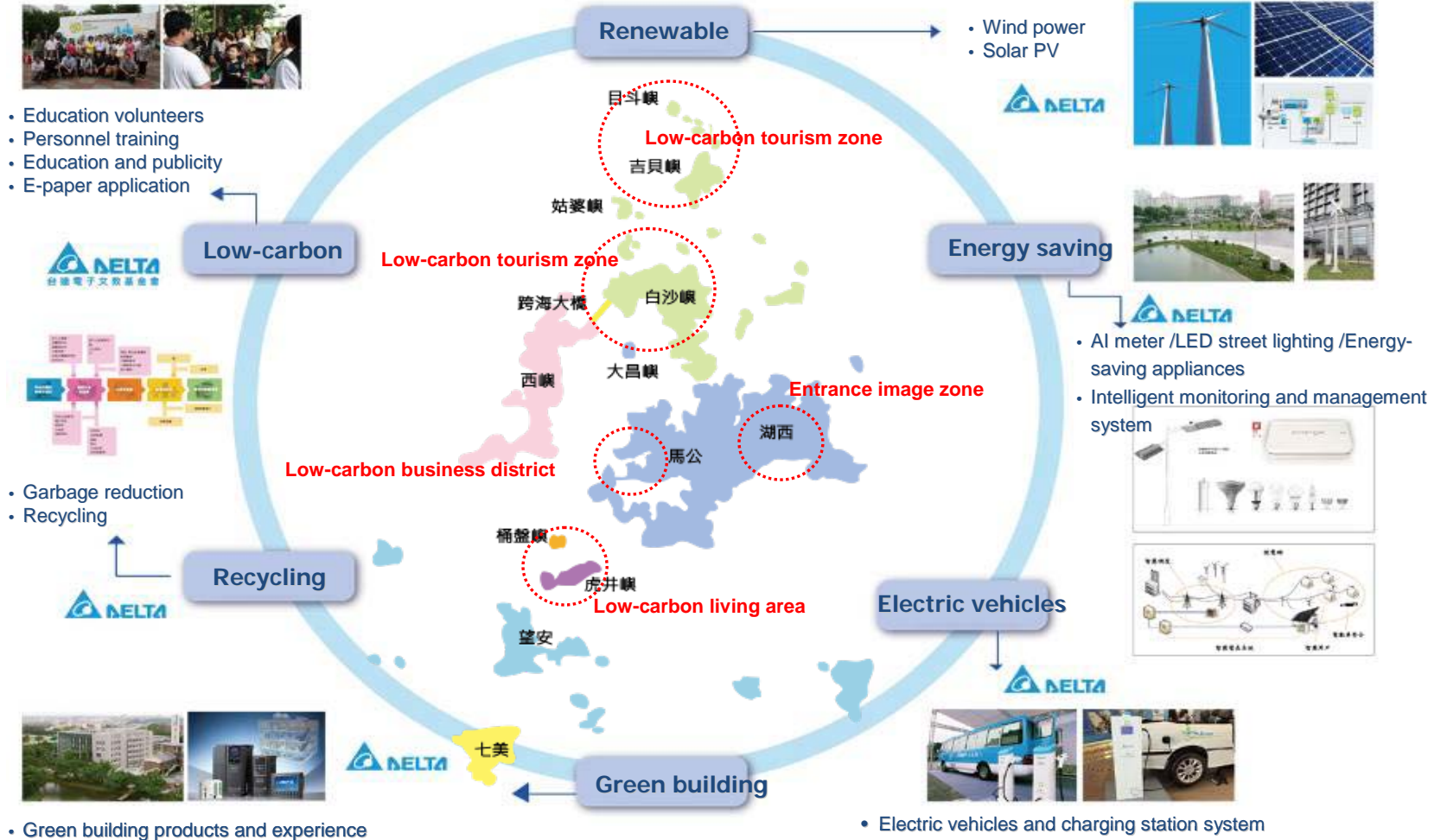


Where The Project Taking Place



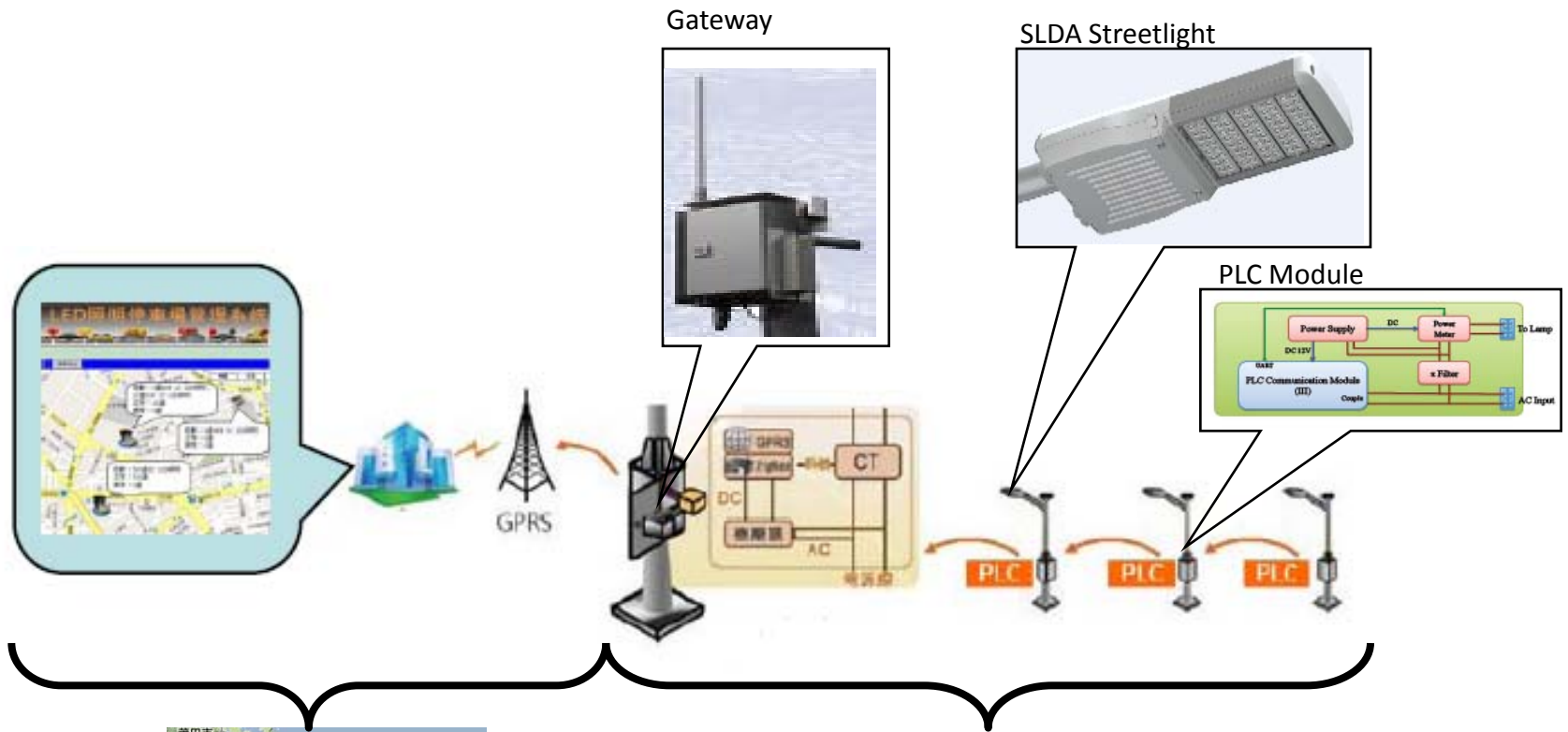
Solution Proposal

from Device, System to Service





Hardware ,Content-Smart Control System



Mainframe Capacity > 100,000



Cloud Lighting Management System				
Domain Management	System Equipment	Monitoring	Control	Event
Domain Mapping	Lighting Equipment	Alert System	Parameter	Rule
Outdoor Tools	Sensing Equipment	Maintain System	Programing	Control
Indoor Tools	Condition and Map	Approval System	Daylight Management	Statistic and Analysis
Managing Account Setup	Equipment Sutup			
Networking Monitoring				



Installation Example



Smarter. Greener. Together.

To learn more about Delta, please visit
www.deltaww.com.

