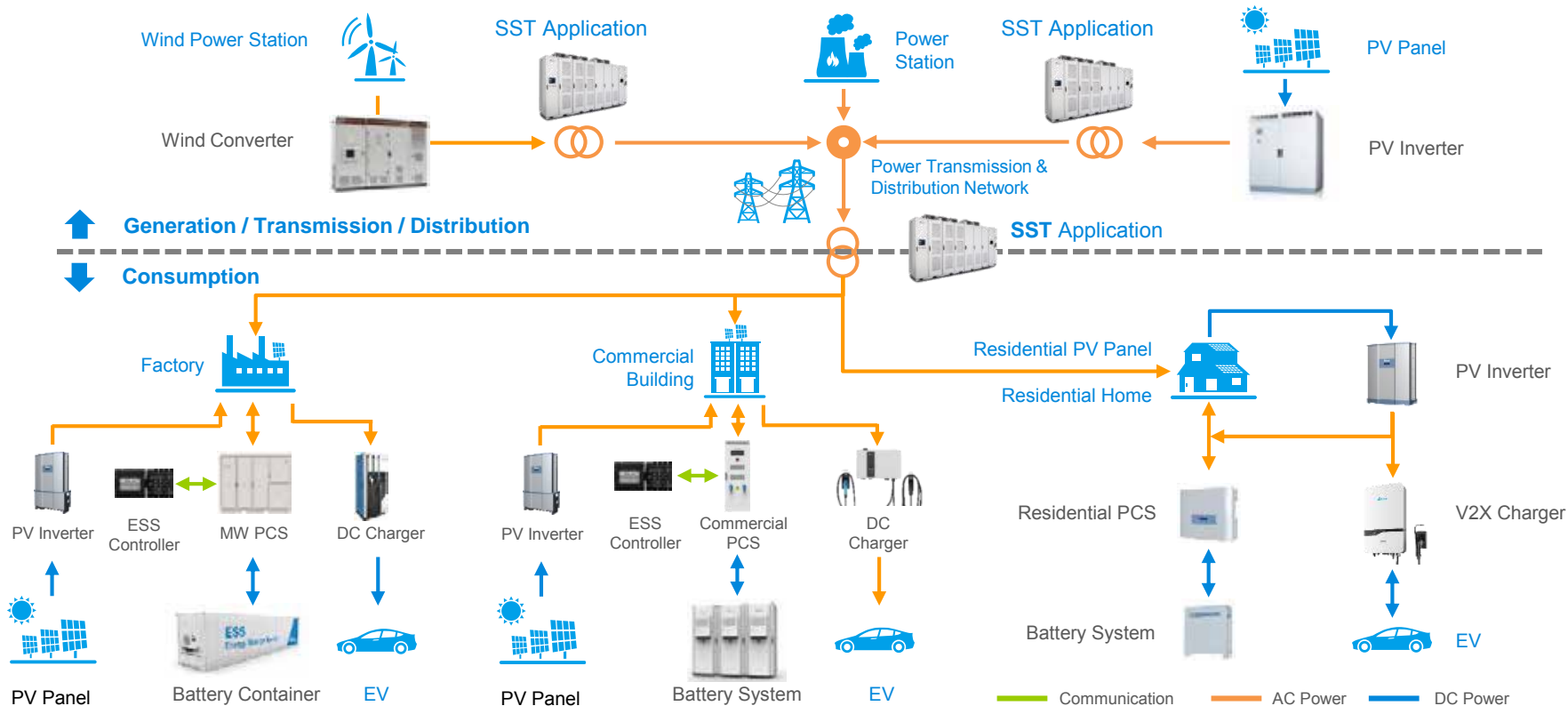


# Energy Infrastructure Solution



# Energy Infrastructure

## EV Charging



150kW DC Ultra-Fast EV Charger



50kW DC Quick EV Charger



25kW DC Wallbox EV Charger



Site Management Systems



AC Mini EVSE V2X Charger

## Energy Storage Systems



Energy Management System



5-10kW Residential ESS



100-500kW C&I ESS



100-125kW Power Conditioning System



2.2-4.4MW Utility PCS

# Energy Infrastructure

## Renewable Energy

## High Power Motor Drives



DFIG Wind Turbine Converters  
(2MW / 2.5MW / 3MW)



PV 3 Phase String Inverters  
for Commercial and Utilities



Residential PV Inverters



Medium Voltage Drives



Full Power Wind Turbine Converters  
(2MW / 2.5MW / 3MW / 6MW)

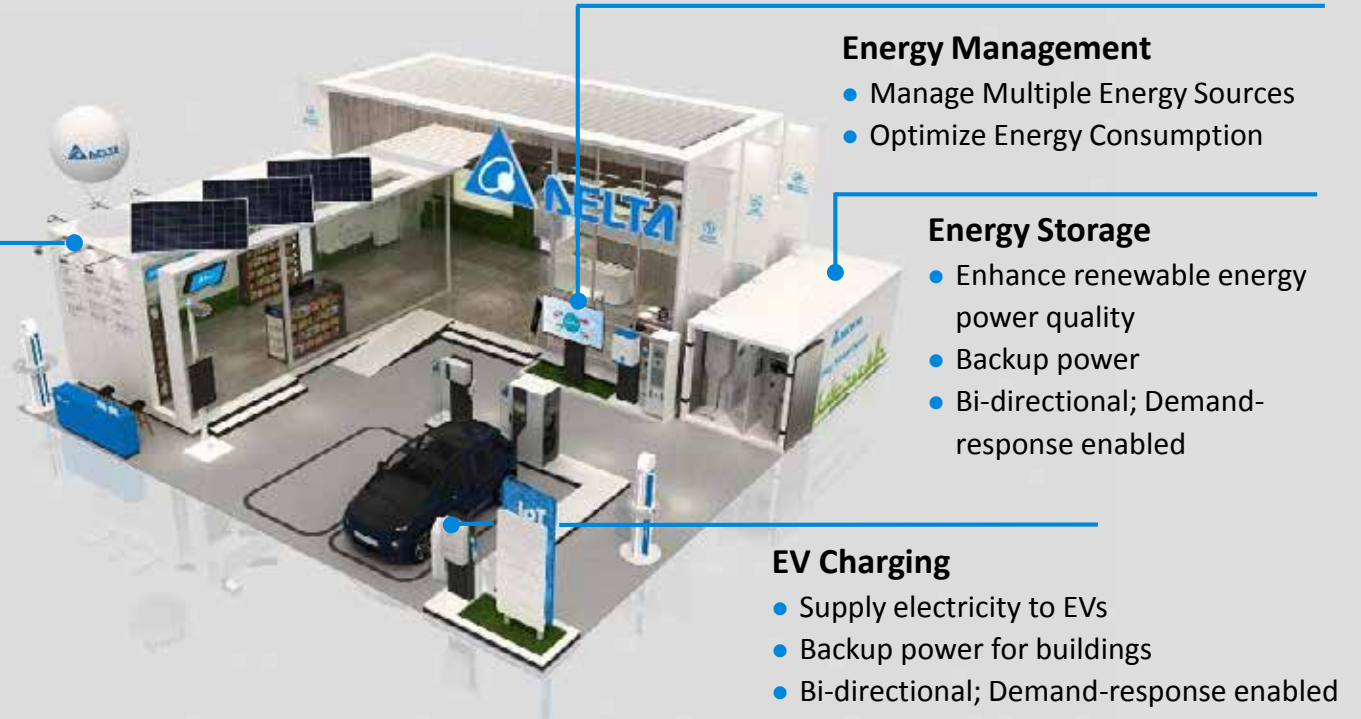


PV Central Inverters for Utilities

# Energy IoT Platform

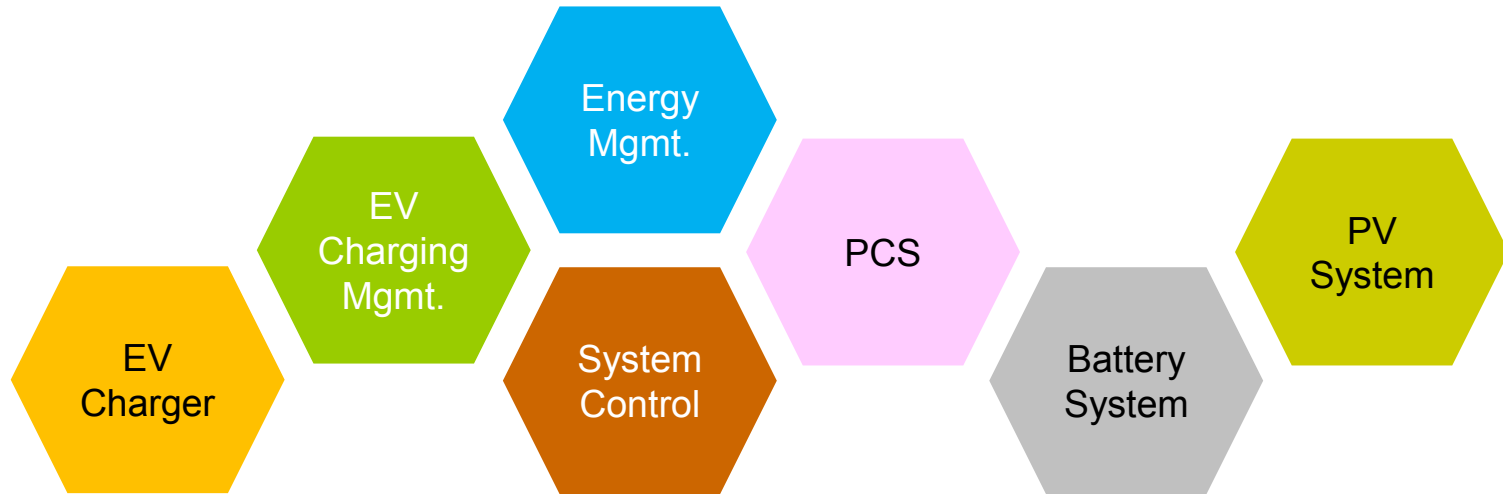


# From an EV Charging Station to a Smart Microgrid



# Full Integration Capability

- ▶ In-house technologies of EV charger, energy storage system, PV system, EV charging management, and energy management for one-stop solution offering



# Job Reference



500kW/331kWh  
Sagamihara, Japan  
Micro-grid w/ PV, gas turbine



1MW/1MWh  
Kaohsiung, Taiwan  
PV smoothing



250kW/ 500kWh  
Chiayi, Taiwan  
Peak shaving, demand response  
w/ e-scooter charging station



1MW/1MWh  
Changhua, Taiwan  
Peak shaving, power backup



2MW/1MWh  
Kinmen, Taiwan  
Demand response, power backup,  
PV smoothing, frequency regulation



500kW/3MWh  
Hsinchu, Taiwan  
Demand response, power backup, peak  
shaving, frequency regulation, load shifting





# Use Case Scenario – PV + ESS + EVCS

