



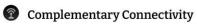


The diversified options for energy sources have opened new doors for competition. The growing power generation business needs to serve a larger customer base with corresponding big data to process. This real-time data must be transmitted and utilized for the collected energy to prevent outages and system breakdowns.

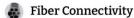
One Commerce brings together solutions to minimize operational cost of power plant and grid maintenance to prevent pass-on price to customers.



- Network Infrastructure Solution (LAN Switches, NextGen Firewall)
- Hyper-converged Infrastructure (HCI)
- Hybrid Cloud
- Integrated Physical Security Solutions (Access, CCTV, FDAS)
- Smart Modular Data Center Facility
- Smart Buildings
- Data Security Protection
- NDR/EDR/EXR/Endpoint Detection Response
- SASE Secure Access Service Edge
- Night Devices
- Military Drones
- Thermal Cameras
- Intelligent Board
- Unified Communications
- **Document Management System**
- **Business Operation Software**
- Managed Services



Li-Fi



- Microduct
- Microfiber
- Watucab

## Physical Security and Back-up Power

- Smart Lock
- Free Cooling System
- Lightning Protection System (Traditional and Non-Traditional)
- Transient Voltage Surge Supressor
- Microturbine Genset
- PACU
- 48Vdc Rectifier System
- Uninterruptible Power System

# **Efficient Data Transmission**

- DWDM/OTN (Optical Transport Network)
- IP Multiplexer
- Fiber Monitoring
- Media Converters / SFP / Smart SFP (Small Form-factor Pluggable)
- Licensed Microwave Radios
- Unlicensed Point-to-Point Radios
- Point-to-Multipoint Radios
- Synchronization Clock
- Power Quality Monitoring System



# **Empower Facility Operations** through End-to-end **Technologies**

#### ABOUT ONE COMMERCE (INT'L.) CORPORATION

With network connectivity fully embedded in its DNA, One Commerce (Int'l.) Corporation is one of the largest and leading systems integrators in the Philippines that provides full turnkey end-to-end solutions.

One of the first local systems integrators to receive an ISO certificate SEVEN (7) years in a row and consistently accredited by regulatory bodies.

Comprised of 400 passionate engineers, account and project managers, and backhaul personnel with a passion for innovation.

Composed of technology houses with their respective competencies: wireless access, transmission, remote management system, power and facilities, ICT, and outside plant services.











# **Empower Facility Operations** through End-to-end Technologies





Best for office buildings, subdivision (FTTH application, condominium as we already have deployments for these

Fiber connectivity and advanced pipes for the power connectivity

## Physical Security and Back-up Power

Smart Lock Free Cooling System

Microduct & Microfiber

**M**net

PLUMETT

Watucab

Lightning Protection System (Traditional and Non-Traditional)

**Fiber Connectivity** 

Transient Voltage Surge Supressor

Tracker

Microturbine Genset

**SBLADON** 

PACU COOLDETHIR

48Vdc Rectifier System

**ESTEL** 

Uninterruptible Power System invt FIT.N

For Substation access control, utility cabinets and enclosures, offering enhanced safety of facilities, getting rid of theft in the compound or

For Data Centers, Power Plants, Substation Cooling, Water treatment Plants, Control Rooms and Monitoring Centers, Energy Storage Facilities, HVAC Systems in Buildings offering an energy-efficient method to cool critical infrastructure and equipment without relying solely on traditional air conditioning or refrigeration systems

Protect electronic equipment and infrastructure from voltage surges and transients

Provide backup power source for Energy decentralization

Avoid power outages by using an energy saving

For Utilities Sector, IP Multiplexer and OTN can

be beneficial with the following system that

needs to transport multiple streams of data,

Utility Infrastructure Monitoring, Remote

Sensing, Smart Grid Applications,

## **Efficient Data Transmission**



NO<IA ZTE Huahuan

IP Multiplexer AVARA

Fiber Monitoring

Adtron EXFO

Media Converters/Smart Small Form-factor Pluggable (SFP)

Huahuan optostar

Licensed Microwave Radios



Unlicensed Point-to-Point Radios Zalt mimosa RADWIN (Cambium Networks

Point-to-Multipoint Radios HITRACOM mimosa (Cambium RADWIN

Synchronization Clock

€ELPROMA RAT

Power Quality Monitoring System





Communications Solutions from central point (base station) to communicate with multiple remote points (subscriber unit) over shared network especially for Scada Systems, Smart Grid Comms, Communication and Networking Substations

Providing accurate and synchronized timekeeping across different locations and systems such as Power Grid Synchronization, SCADA Systems, Water Treatment Processes, Substations





