PLANET
Networking & Communication

Product Portfolio
Comprehensive IP-based Network Innovations

- LAN Switches
- Industrial Ethernet
- Industrial Automation
- LoRa AIoT Communication
- Power over Ethernet
- Media Conversions
- Broadband Communications
- Wireless LANs
- IP Surveillance
- IP Telephony
- Network Security
- Network Peripherals
- Network Management
- Home Automation

Shaping Future Networking

LAN Switches

Industrial Ethernet

Industrial Automation

LoRa AIoT Communication

Power over Ethernet

Wireless LANs

IP Telephony

IP Surveillance

Media Conversion

Network Security

Broadband Communications

Home Automation

Network Management

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Intelligent IoT & IIoT Network Infrastructure Solutions

Legend: Coaxial Cable · VDSL2 · Telephone wire · 100BASE-TX UTP · 100BASE-TX UTP with PoE · 1000BASE-T UTP · 1000BASE-T UTP with PoE · 1000BASE-SR/LR Fiber-optic · 1000BASE-SX/LX Fiber-optic · 1000BASE-FX Fiber-optic · 2.4GHz 802.11n · 5GHz 802.11n · 5GHz 802.11ac · 5GHz 802.11a/n · Z-Wave · 2.4GHz 802.11ax · 5GHz 802.11ax · 4G LTE

Smart Manufacturing Network
Advanced connection for enhanced network infrastructure

Powerful Industrial VPN Security Solution
Industrial VPN Security Gateway with Redundant Power
IVR-300FP
- Dual WAN function
- 4 1000BASE-T RJ45 compliant with 802.3at PoE+
- 1 USB 3.0 port for system configuration backup and firmware upgrade
- 2 x DI/DO and 1 serial port (RS485) for Modbus applications

Guaranteed Delivery of Time-Sensitive Data
Industrial L3 1G/2.5G SFP + 10GBASE-X SFP+ Managed TSN Ethernet Switch
TSN-6325-8T4S4X
- Integration of major TSN protocols
- IPv4 and IPv6 dual stack management
- Dual power input, redundant power with reverse polarity protection

10Gbps Fiber Ports for High-speed Networking
Industrial L3 100/1G SFP with 4 Shared TP + 1G/2.5G SFP + 10G SFP+ Managed Ethernet Switch
IGS-6325-20S4C4X
- Supports maximum 128 static routes and route summarization
- IP dynamic routing protocol supports OSPFv2
- Routing interface provides per VLAN routing mode

Universal Network Management System
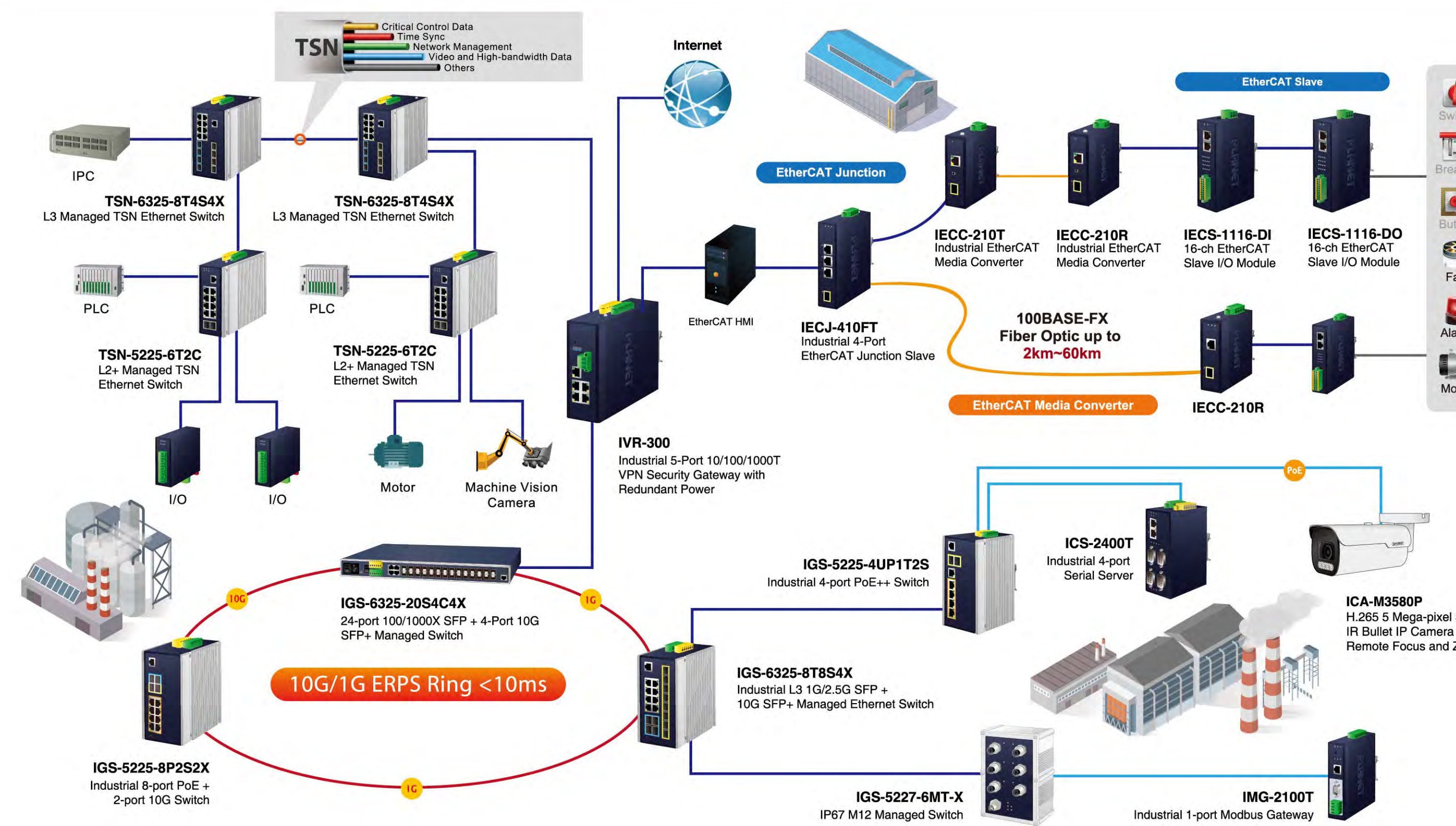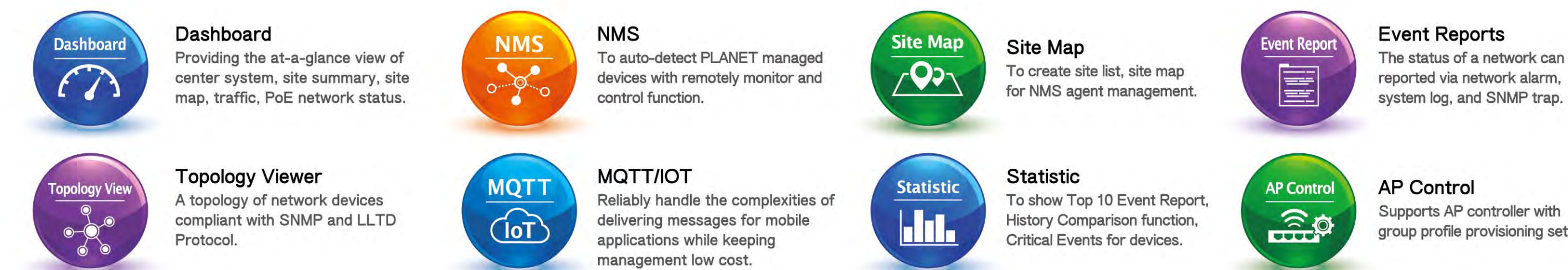Smart central management over all network devices

Smart Central Management Over All Network Devices
PLANET Network Management System (NMS) Solution successfully integrates MQTT, SNMP, ONVIF protocol and PLANET Smart Discovery to enable IT administrators to monitor and further manage up to 10 types of networking devices, covering switches, routers, VoIP, IP Surveillance devices and more.

SNMP · ONVIF · MQTT · PLANET Smart Discovery

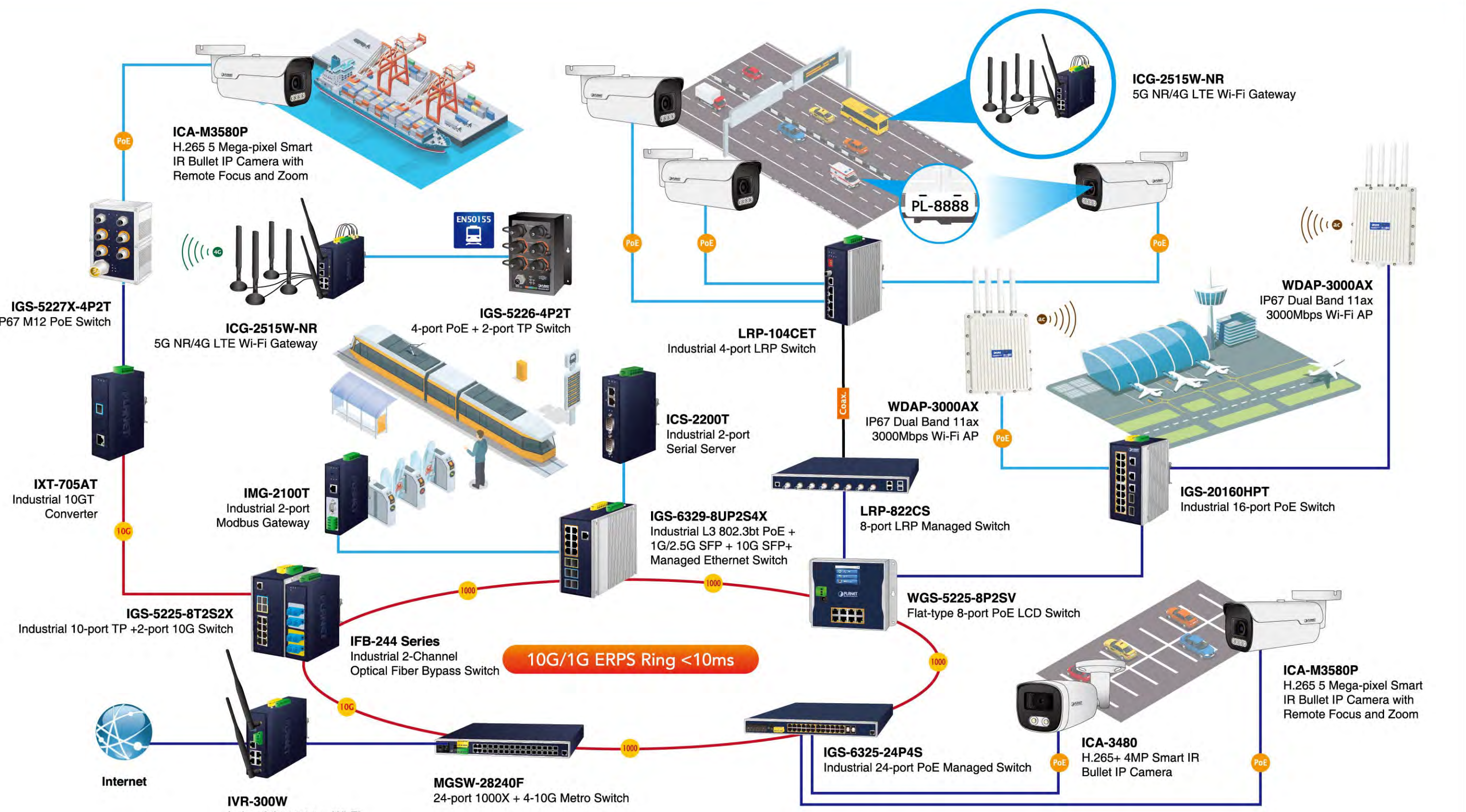### Complete Network Management Control
PLANET NMS solution
- Centralized control of up to 102,400 nodes
- System upgrade and license (free of charge)
- Intuitive and user-friendly management functions
- Cloud management via PLANET DDNS and Google Map
- 24/7 remote access and management from mobile devices

PLANET CloudViewerPro — Cloud-based Monitoring App
UNC-NMS — Universal Network Management Central Controller
NMS-1000V 10"/12" — Universal Network Management Controller with LCD Touch Screen
NMS-500 — Universal Network Management Controller
NMS-360V 10"/12" — Renewable Energy Management Controller with LCD Touch Screen
NMS-360 — Renewable Energy Management Controller

Dashboard — Providing the at-a-glance view of center system, site summary, site map, traffic, PoE network status.
NMS — To auto-detect PLANET managed devices with remotely monitor and control function.
Site Map — To create site list, site map for NMS agent management.
Event Reports — The status of a network can be reported via network alarm, system log, and SNMP trap.
Topology Viewer — A topology of network devices compliant with SNMP and LLTD Protocol.
MQTT/IOT — Reliably handle the complexities of delivering messages for mobile applications while keeping management low cost.
Statistic — To show Top 10 Event Report, History Comparison function, Critical Events for devices.
AP Control — Supports AP controller with group profile provisioning setting.

Transportation, ITS
Implementation of high-speed networking for efficiency of transportation

Heavy-duty Switch
Industrial IP67-rated 802.3at PoE+ Managed Ethernet Switch
IGS-5227X-4P2T
- Up to 144 watt 4 port M12 802.3at PoE+
- M23, 5-pin A-coded power input
- SMTP/SNMP trap event alert

Fast Outdoor Wireless Connection
Dual Band 802.11ax 3000Mbps Outdoor Wireless AP
WDAP-3000AX
- Maximum wireless speed of 3000Mbps in dual band
- IP67 rating. IEEE 802.3at PoE design
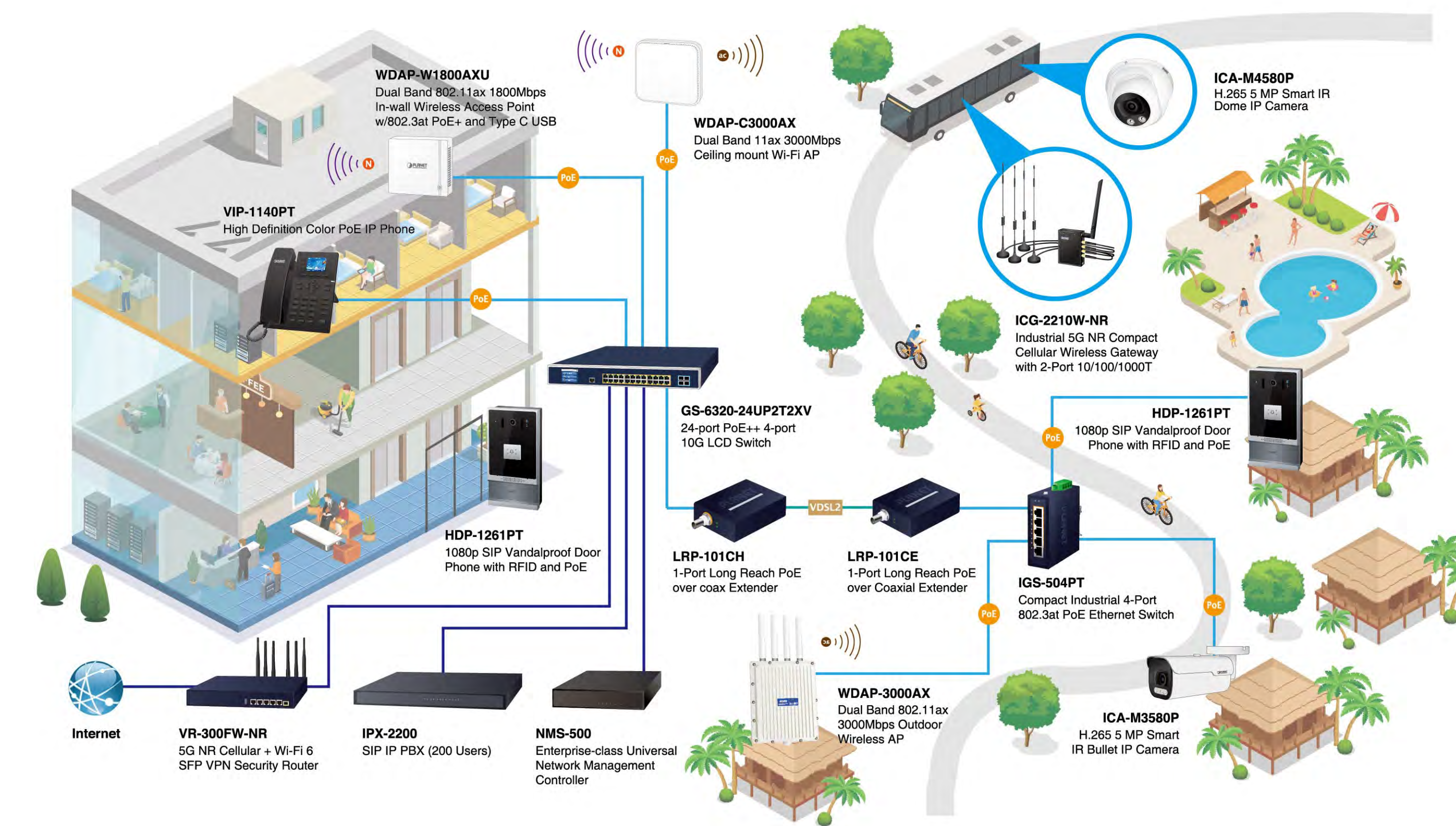- 20KV surge protection for wire cable interface

Optimized High-Speed Connection
Industrial 5G NR Cellular Wireless Gateway with 5-Port 10/100/1000T
ICG-2515W-NR
- Global 5G NR (NSA/SA)/4G LTE network
- Complies with IEEE 802.11ax and IEEE 802.11a/b/g/n/ac standards
- Planet CloudViewer app supported

Hotels & Resorts
A smooth network connection for vacationers

10G Ethernet Switch Solution for SMBs
L3 802.3bt PoE++/ + 2-Port 10G SFP+ Managed Switch
GS-6320-24UP2T2XV
- Complies with IEEE 802.3bt PoE++/PoE++
- Supports IPv4 IGMP snooping v1, v2 and v3
- Supports Layer 3 dynamic Routing RIPv1/v2 and OSPFv2/v3

Central Management
Enterprise-class Universal Network Management Controller
NMS-500
- Manage a network of up to 512 nodes
- At-a-glance view of system and wireless network status
- Optimizing AP deployment with actual signal coverage

Ultra-high-speed Wireless LAN Solution
Dual Band 802.11ax 3000Mbps Ceiling-mount Wireless AP
WDAP-C3000AX
- Supports MU-MIMO (multi-user multiple-input multiple-output), Beamforming and BSS Coloring
- 802.11ax 2T2R architecture with data rate of up to 3000Mbps (600Mbps in 2.4GHz and 2400Mbps in 5GHz)
- Compliant with the IEEE 802.11a/b/g/n/ac/ax wireless technology

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Digital Campus
Optimized on-campus network connectivity
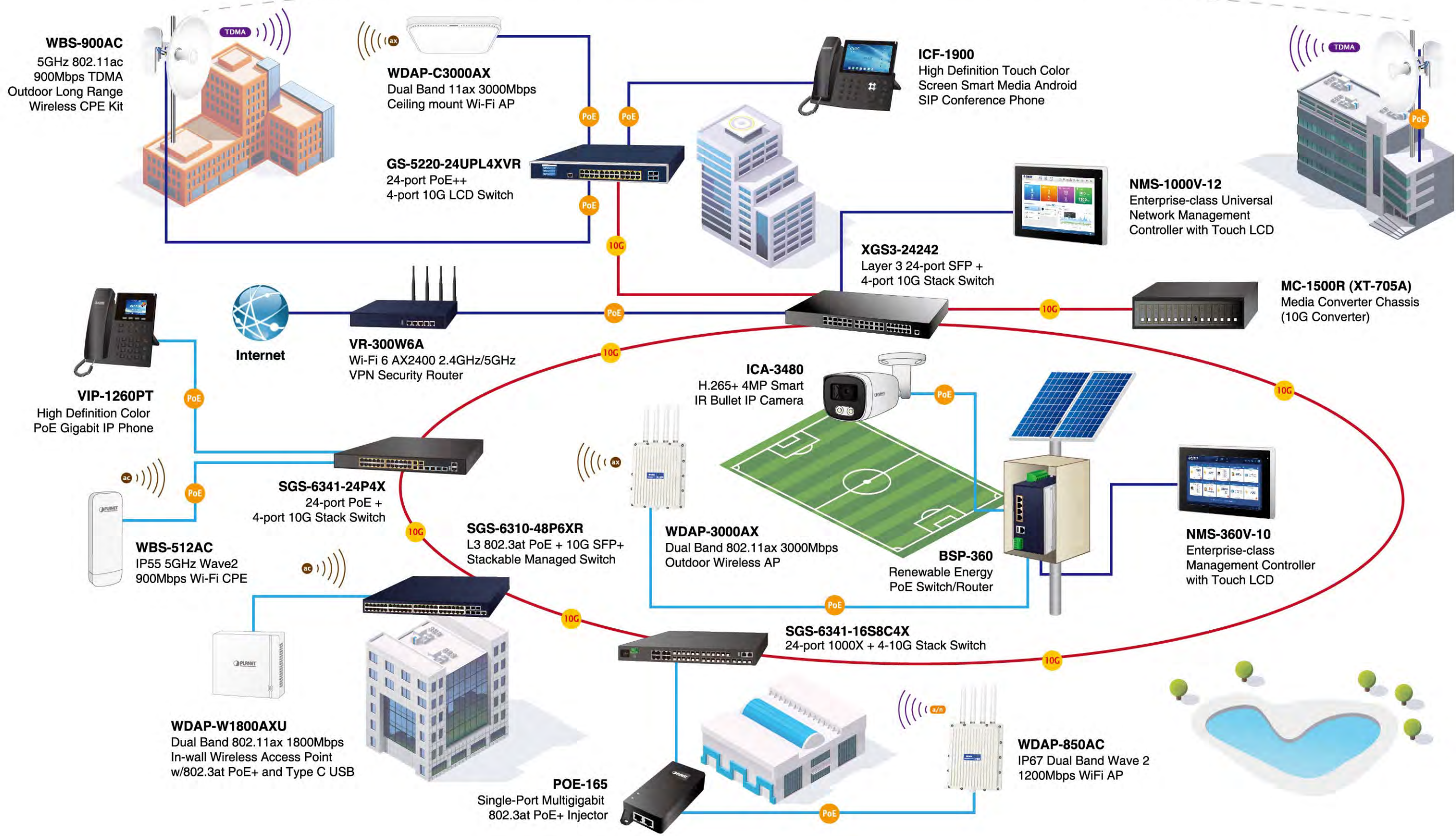
Green Power Solution
Industrial Renewable Power Managed Switch/ Router with 802.3at PoE+
BSP-360
- Dual IEEE 802.3at Power over Ethernet interfaces
- MPPT supports PV module input of up to 400W
- Supports lithium and lead-acid battery

Powerful L3 PoE Managed Switch
L3 802.3at PoE + 10G SFP+ Stackable Managed Switch
SGS-6341-24P4X
- Complies with IEEE 802.3at Power over Ethernet Plus, end-span PSE
- PoE schedule for energy saving
- Up to 30 watts for each PoE port

Ultra-high-speed Wi-Fi 6 Wireless LAN Solution
Dual Band 802.11ax 1800Mbps In-wall Wireless Access Point
WDAP-W1800AXU
- Compliant with the IEEE 802.11a/b/g/n/ac/ax wireless technology
- Multiple operation modes: AP, gateway and repeater
- Full encryption supported

Enterprises, SMBs, Smart Buildings
Enhanced business network for high-bandwidth and high-speed fast connection
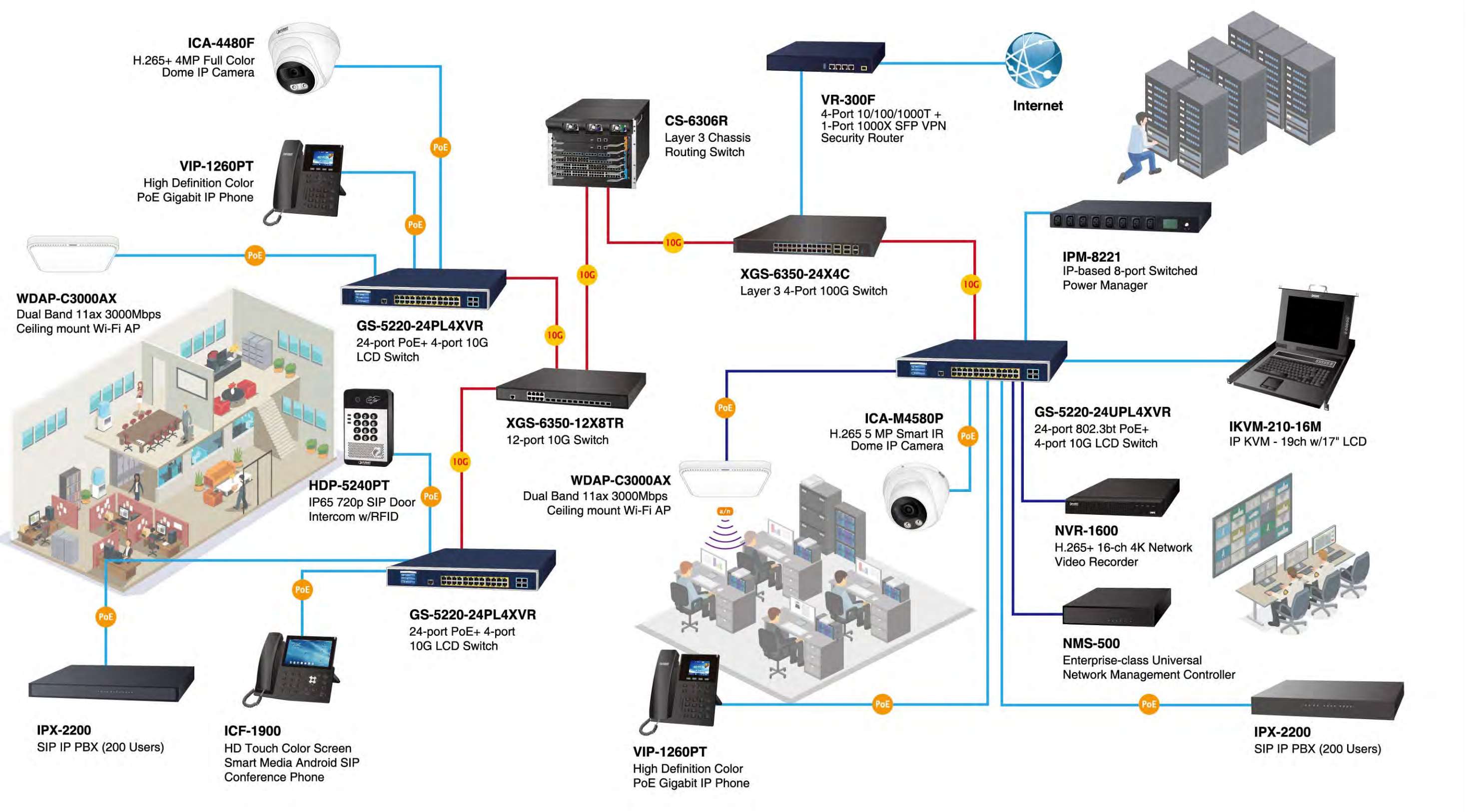
Powerful Solution for Long-Reach Networks
L3 10G SFP+ /10G QSFP28 Managed Switch
XGS-6350-24X4C
- Powerful Gigabit Ethernet performance
- IEEE 802.1Q, Private VLAN and GVRP for VLAN management
- IP Stack: up to 24 units and single IP stack

High Bandwidth for Core Networking
6-slot Layer 3 IPv6/IPv4 Routing Chassis Switch
CS-6306R
- IP Multicast Routing: IGMP, PIM-DM/SM, DVMRP
- Gigabit wire-speed L3 IPv4 and IPv6 routing
- 6 open module slots design

Excellently Efficient Surveillance Video
H.265 5 Mega-pixel Smart IR Dome IP Camera
ICA-M4580P
- Remote smart focus for remote and precise focus adjustment
- 1/2.7" 5 mega-pixel SmartSens CMOS sensor
- Built-in smart IR illuminators up to 25 meters