Your trusted Partner for
all your IT Infrastructure needs

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Life Is On | Schneider Electric

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Why Schneider Electric?

Designing and deploying IT infrastructure can be a complex and demanding process. From intricate configurations and tailored designs to rapid deployment timelines, evolving customer expectations, and managing multiple vendors — we understand the challenges you face.

At Schneider Electric, we're here to simplify that journey.

As your trusted partner, we offer comprehensive IT solutions — from power and cooling to complete infrastructure integration — enabling you to deliver reliable, efficient, and sustainable solutions to your customers.

Whatever your needs, we've got you covered.

Planning your IT Infrastructure

Let's start by outlining the core components in a clear and simple way, so you can navigate the IT setup with ease.

IT Infrastructure solution

SERVER & NETWORKING

SERVICES

COOL
Complete your setup with cooling to maximize IT performance.

Cooling solutions

PLACE
Choose the right racks to accommodate your IT.

APC Racks

HOW DO YOU **COOL** IT?

WHERE DO YOU **PLACE** IT?

HOW DO YOU **MONITOR** IT?

HOW DO YOU **POWER** IT?

HOW DO YOU **PROTECT** IT?

PREVENT
Add software to simplify, secure, and optimize IT operations.

Software

POWER
Think of a PDU as efficient power management, not just a power supply.

APC PDUs

PROTECT
Ensure operational continuity and equipment protection with a UPS.

APC UPSs

Every successful IT setup begins with a clear understanding
of the customer's needs — it forms the foundation of your design.

Standard IT
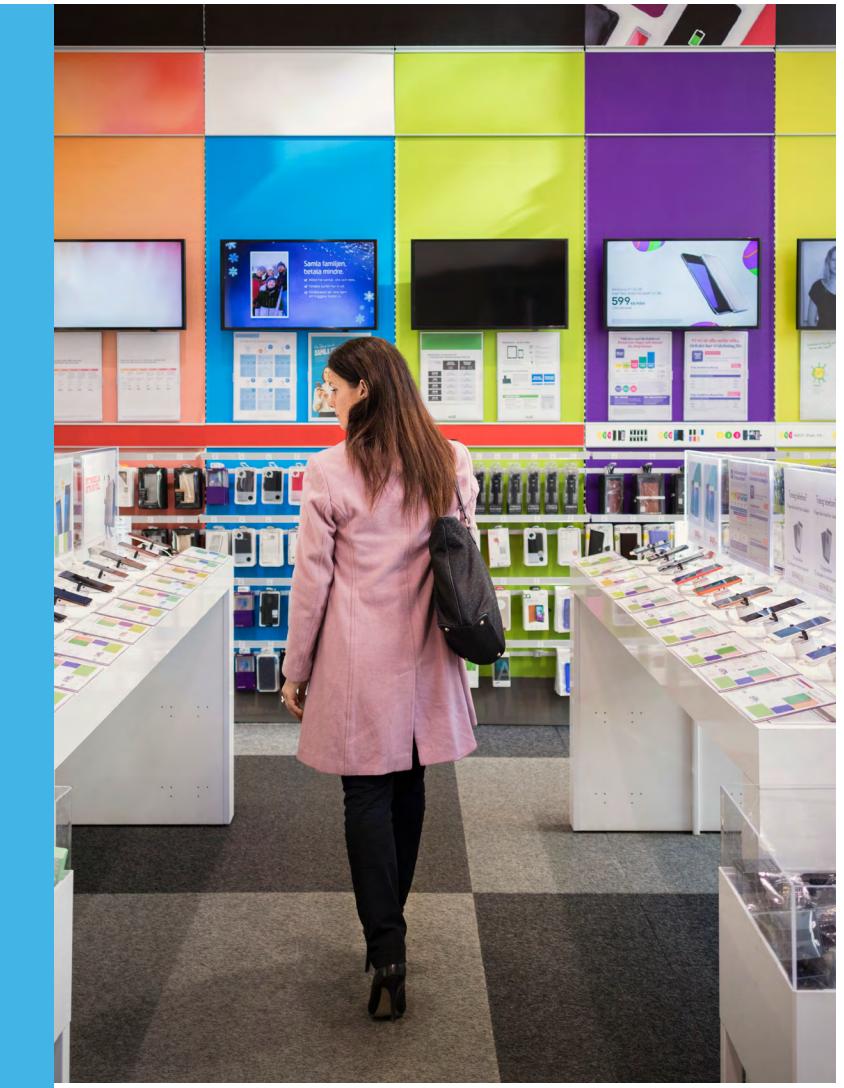Environment

Typical application scenarios include:
Server rooms, wiring closets and network closets.

Commercial & Tertiary
Environment

Typical application scenarios include:
Open office, stock room, retail stores, automated warehouse.

Standard IT Environment

Key strategic and technical factors to consider
when planning and managing IT infrastructure **in standard IT environment.**

Rack Density & Power Management

Challenge: High density equipment can cause overcrowding and poor airflow. Balancing power needs with redundancy is becoming a challenge.

Solution: Design efficient rack layouts with proper airflow and space for future growth. Use intelligent PDUs and online UPS systems with zero transfer time to ensure continuous power for critical devices.
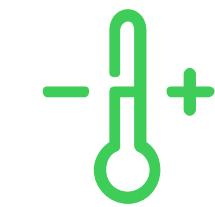
Environmental Control & Security

Challenge: Unregulated temperature, humidity, and fire risks—combined with weak physical security—can lead to operational disruptions and increased cyber vulnerability.

Solution: Implement lockable racks, controlled PDUs, cameras, access control, centralized management and environmental monitoring.

Cooling & Ventilation

Challenge: High-performance servers generate significant heat, creating hotspots and stressing standard cooling systems.

Solution: Existing air conditioning may be insufficient - you may need to consider extra precision air conditioning.

Monitoring & Maintenance

Challenge: Limited on-site IT staff and the need for efficient remote oversight.

Solution: Centralized monitoring and management platforms, remote support tools and services, and automated alerting to ensure proactive issue resolution and minimal downtime.

Commercial & Tertiary
Environment

Key strategic and technical factors to consider
when planning and managing IT infrastructure in **a commercial environment.**

Limited Physical Space

Challenge: Retail areas, open offices, and small backrooms often lack dedicated server rooms.

Solution: Use compact, wall-mounted, or soundproof enclosures, slim UPS units, and plan airflow and cable routing carefully to maximize efficiency in tight spaces.

Noise Pollution

Challenge: Server fans and networking gear can be disruptive in open or customer-facing environments.
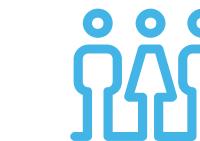
Solution: Use soundproof enclosures or relocate noisy equipment to isolated or remote areas to maintain a quiet workspace.

On site Security

Challenge: Equipment in open or shared spaces is vulnerable to tampering, theft, or unauthorized access.

Solution: Implement lockable racks, controlled PDUs, cameras, and access control systems.

Non-IT Staff

Challenge: On-site personnel may lack the expertise to respond to system alerts or perform basic IT maintenance.

Solution: Use user-friendly interfaces, centralized monitoring & management, remote support tools, and automated alerts. Consider longer-lasting li-ion UPS units, extended warranties, and vendor support services.

Delivering complete IT Infrastructure solutions

Delivering complete IT Infrastructure solutions

From UPSs, Racks and PDUs, to cooling, software and services, **we provide the complete range of IT infrastructure solutions.**
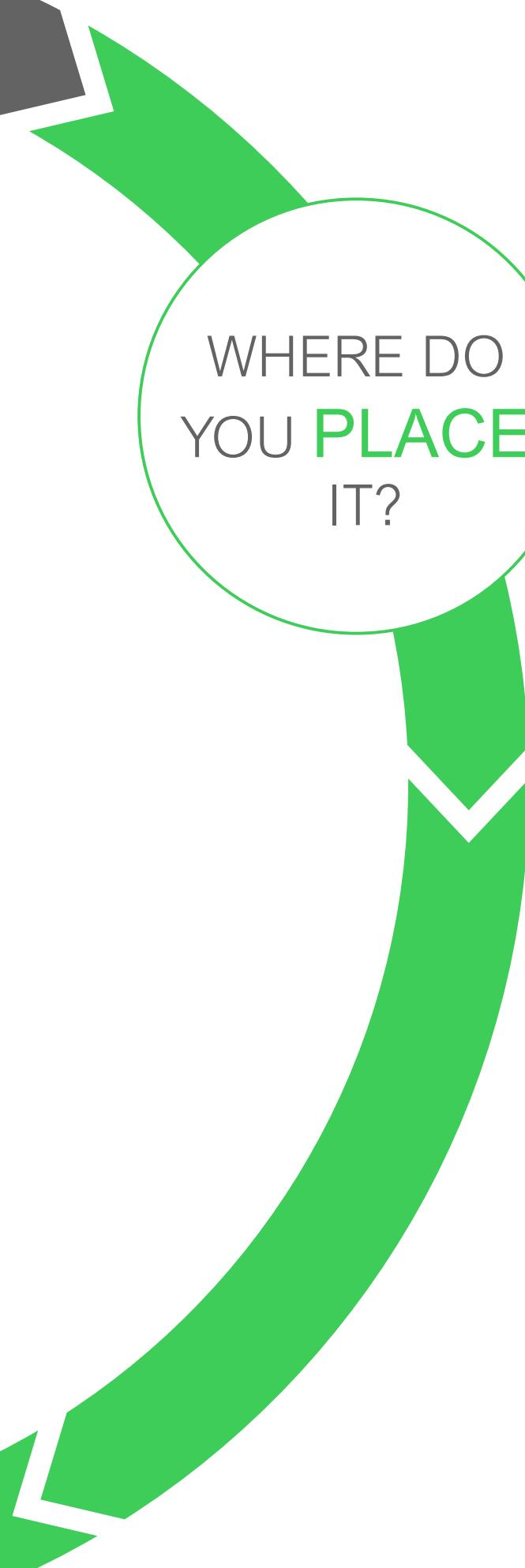
In the following section, we'll show how our solutions align with the specific needs of your customers — helping you design, deploy, and manage IT infrastructure with confidence.

Standard IT
Environment

Commercial & Tertiary
Environment

PLACE

APC Racks provide a reliable foundation to organize and protect your IT infrastructure in any environment.

Some of the most common challenges when designing IT infrastructure:

WHERE DO YOU PLACE IT?

Check APC Racks solutions

Standard IT Environment	
Network Closets, Server Rooms	

Think Scalable, Organized, and Efficient

Challenges	How we can help
Power density Higher density equipment requires more power, airflow, security, space and weight.	**Stronger, larger models,** more computing in less space.
Cable management Poor organization can lead to overheating and maintenance issues.	**Advanced cable management** accessories to maintain airflow and serviceability.
Integration complexity Multiple vendors can lead to compatibility issues.	**Vendor-neutral designs** that support a wide range of IT equipment.
Security risk Always stays as priority, no compromise on that.	**Lockable, secure enclosures** to protect against unauthorized access.

Commercial Environment	
Retail, Offices, Clinics, Schools, Stock Rooms	

Think Compact, Secure, and Simple

Challenges	How we can help
Limited space IT equipment often shares space with non-IT functions.	**APC wall-mount** rack solutions.
Aesthetic concerns Equipment must blend into customer-facing or quiet environments.	**APC soundproof** and aesthetic enclosures.
Security risks Equipment may be in open or semi-public areas.	**Lockable, secure enclosures** to protect against unauthorized access + cameras and sensors.
Environmental variability Temperature, dust, and humidity can be unpredictable.	**Environmental monitoring sensors** to alert on temperature or humidity changes.
The cost associated with dedicated IT space.	Go with **micro data center.**

HOW DO YOU **POWER** IT?

POWER

With **APC PDUs**, power becomes a managed resource — monitored, measured, and optimized for performance.

Some of the most common challenges when designing IT infrastructure:

Standard IT Environment
Network Closets, Server Rooms

Think Scalable, Organized, and Efficient

Challenges	How we can help
Risk of oversizing Right balance of the IT loads on 3ph PDUs.	**APC Metered PDUs** help to monitor the power levels.
Prevent failures Diagnose faulty equipment.	**APC Metered by outlet PDU** helps to find faulty equipment.
Risk of downtime Tripping of circuit breakers caused by overloads.	**Easy configuration and monitoring** of overload conditions.
Cyber attacks on intelligent PDUs.	3rd party **certified network management cards** (IEC 62443-4-2).
Accidental disconnection of power cords.	**Optional locking cords** to prevent accidental downtime (Netshelter PDU)
Monitoring and management of multiple remote intelligent PDUs.	Seamless integration with EcoStruxure™ IT **for centralized management.**

Commercial Environment
Retail, Offices, Clinics, Schools, Stock Rooms

Think Compact, Secure, and Simple

Challenges	How we can help
Limited visibility into power usage and load status with no IT staff.	**APC Metered and Switched PDUs** for reliable power distribution and load monitoring.
No remote access to reboot or manage connected devices.	**APC Switched PDUs** for remote outlet control and reboot capabilities.
Tight installation spaces with limited mounting options.	**Compact form factors** (horizontal and vertical) for flexible installation.
Cyber attacks on intelligent PDUs.	3rd party **certified network management cards** (IEC 62443-4-2).
Accidental disconnection of power cords.	**Optional locking cords** to prevent accidental downtime (Netshelter PDU).

Check APC PDUs solutions

HOW DO YOU PROTECT IT?

PROTECT

APC UPS solutions ensure continuous, efficient, and secure power — keeping your IT systems protected and always on.

Some of the most common challenges when designing IT infrastructure:

Standard IT Environment
Network Closets, Server Rooms

Think Scalable, Organized, and Efficient

Challenges	How we can help
Zero disruption Critical applications can't stop for even a second.	APC Online UPS **with zero transfer time.**
Runtime requirements Need to bridge longer outages or support graceful shutdowns.	**Extended runtime options** with external battery packs.
Battery management Traditional batteries require more support and frequent replacement.	**Lithium-ion battery models** for longer life, faster recharge, and lower TCO and extended warranty for VRLA battery options.
Downtime risk Any outage can disrupt business-critical operations.	**Predictive easy maintenance** and remote diagnostics to reduce downtime risk.
Weight and space reduction in racks.	**APC Smart UPS Ultra** - More than 15% space saving, up to 50 % lighter with 3x battery life-span.
Peace of mind	5-year UPS and battery **warranty.**

Commercial Environment
Retail, Offices, Clinics, Schools, Stock Rooms

Think Compact, Secure, and Simple

Challenges	How we can help
Space constraints Limited space, often no dedicated IT room.	**Compact, wall-mountable, super slim** APC UPS units for tight spaces.
Non-technical users Staff may not know how to respond to power issues.	**User-friendly LCD interfaces** and automated shutdown software.
Frequent power fluctuations Sensitive equipment needs clean, reliable power.	Line-interactive and online models for **clean, consistent power.**
Maintenance difficulties Remote or distributed sites are hard to service.	**Li-ion options** with longer battery life and lower TCO and remote monitoring options.
Cybersecurity risk Network-connected UPS units can be vulnerable if not secured.	**Secure network management cards/SNS** to protect from cybersecurity risks.
Connectivity Integration to existing platforms.	Integrated in the device or optional **network management cards.**

Check APC UPS solution

HOW DO YOU
MONITOR
IT?
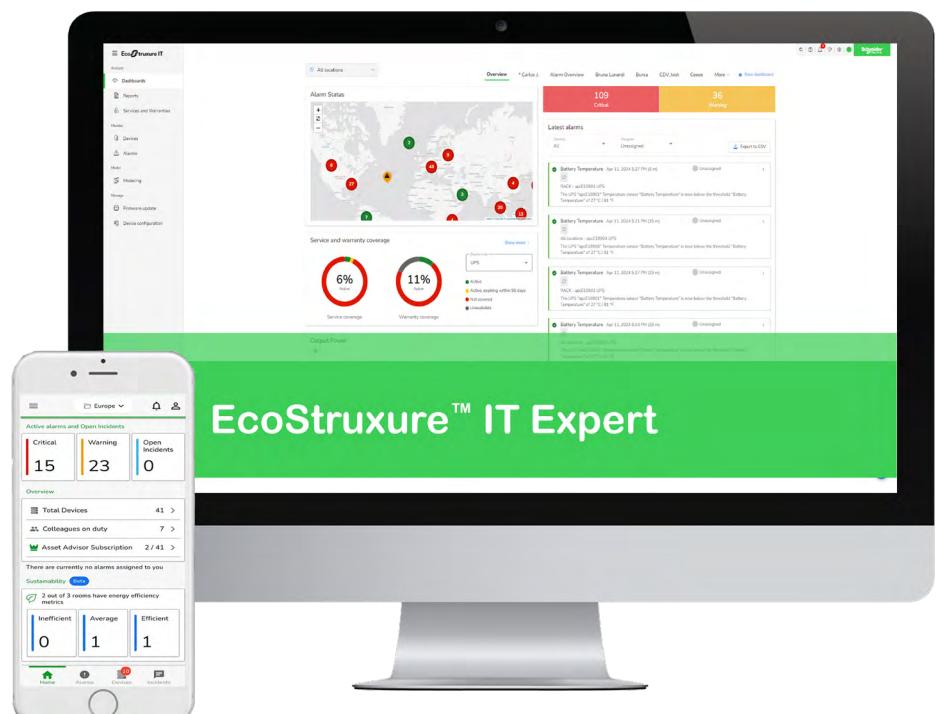
PREVENT

Our software simplifies complex IT environments by bringing every site into view — securely and seamlessly.

Some of the most common challenges when designing IT infrastructure:

Standard IT Environment
Network Closets, Server Rooms

Commercial Environment
Retail, Offices, Clinics, Schools, Stock Rooms

Think Scalable, Organized, and Efficient

Challenges	How we can help
Complex infrastructure Multiple devices, vendors, and systems to monitor.	**EcoStruxure™ IT:** Unified vendor-neutral platforms for centralized monitoring and management.
Reactive maintenance Failures are often addressed after they occur.	**Predictive maintenance and analytics:** Reduce downtime and improve planning.
Scalability issues Difficult to manage growing infrastructure without automation.	**Scalable architecture:** Grows with your infrastructure, from edge to core.
Cybersecurity risks Device vulnerabilities, running on old firmware versions.	**Mitigate security and failure risks :** Notifications, simple process for mass firmware updates.
Business continuity risk Potential data loss or corruption during a power outage.	**Graceful, unattended shutdown** reducing downtime and protecting data.

Think Compact, Secure, and Simple

Challenges	How we can help
Lack of on-site IT staff, multiple devices, locations No personnel available to monitor or respond to alerts in real time.	**EcoStruxure™ IT:** Provides cloud-based monitoring platform for real-time visibility across distributed sites with limited IT staff.
Manual processes Relying on local checks or basic tools increases risk of downtime.	**Automated alerts and predictive analytics:** Help prevent failures before they happen.
No centralized control Difficult to manage multiple sites from a single interface.	Network-based secure **remote monitoring and visibility** for all connected devices.
Security concerns Unmonitored systems are more vulnerable to physical or cyber threats.	**Highest level of security certification** in the industry: IEC 62443-4-2 SL2 (Independent certification).
Business continuity risk Potential data loss or corruption during a power outage.	**Graceful, unattended shutdown** reducing downtime and protecting data.

EcoStruxure™ IT Expert

Check DCIM solutions

HOW DO YOU
COOL
IT?

COOL

Our cooling expertise completes your IT infrastructure — so you can deliver an end-to-end solution with confidence.

At Schneider Electric, we have the expertise to handle your IT cooling needs—from simple InRow and Aisle containment solutions to fully customized, high-density deployments and liquid cooling. Our Motivair solutions, including liquid to liquid coolant distribution unit and rear door heat exchanger, are designed to meet the demands of today's most power-dense IT environments, ensuring optimal performance and energy efficiency.

So, whether you're just getting started, or you need an advanced cooling solution, we're here to support you, every step of the way.

We offer **InRow cooling** as part of our data center infrastructure solutions. This technology places cooling units directly between server racks, targeting heat at the source.

We provide **Aisle containment** solutions to help optimize airflow in data centers. By separating hot and cold air aisles, this prevents mixing, improves cooling efficiency, and reduces energy consumption.
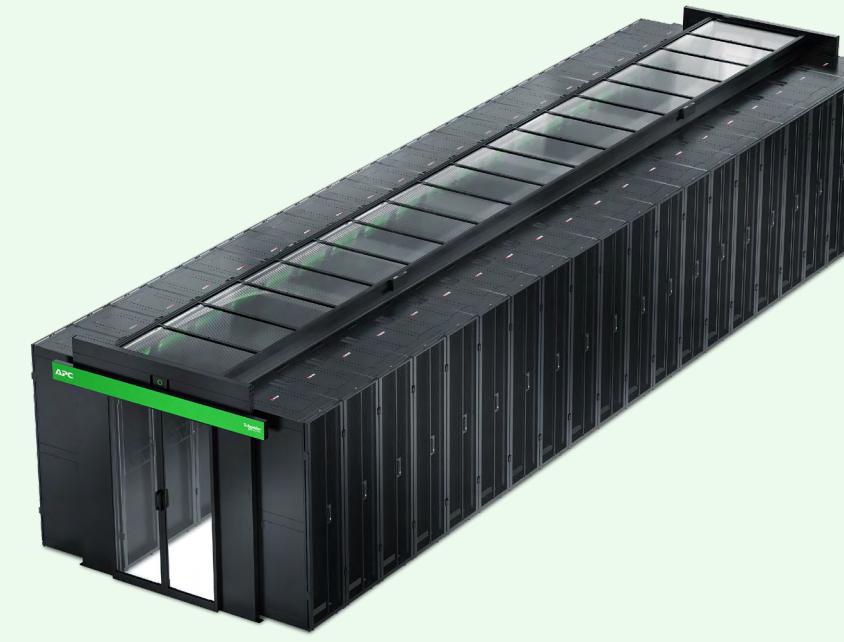
The Motivair ChilledDoor and In-Rack Coolant Distribution Unit deliver scalable, high-efficiency cooling directly at the rack level, enabling 100% heat removal and real-time thermal management for high-density IT environments.

Check Cooling solutions
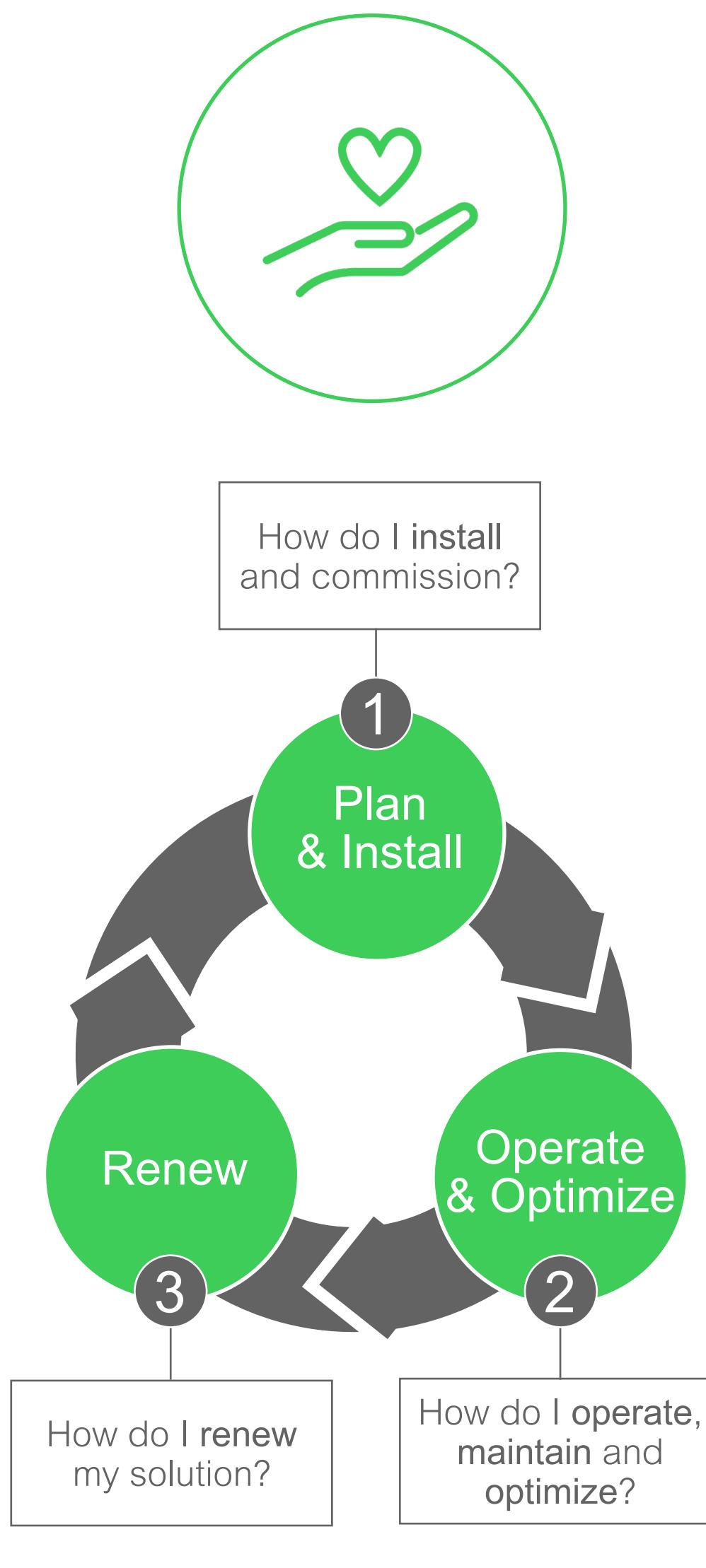
SERVICES

Our services help to operate and maintain complex IT environments over the entire solution lifecycle.
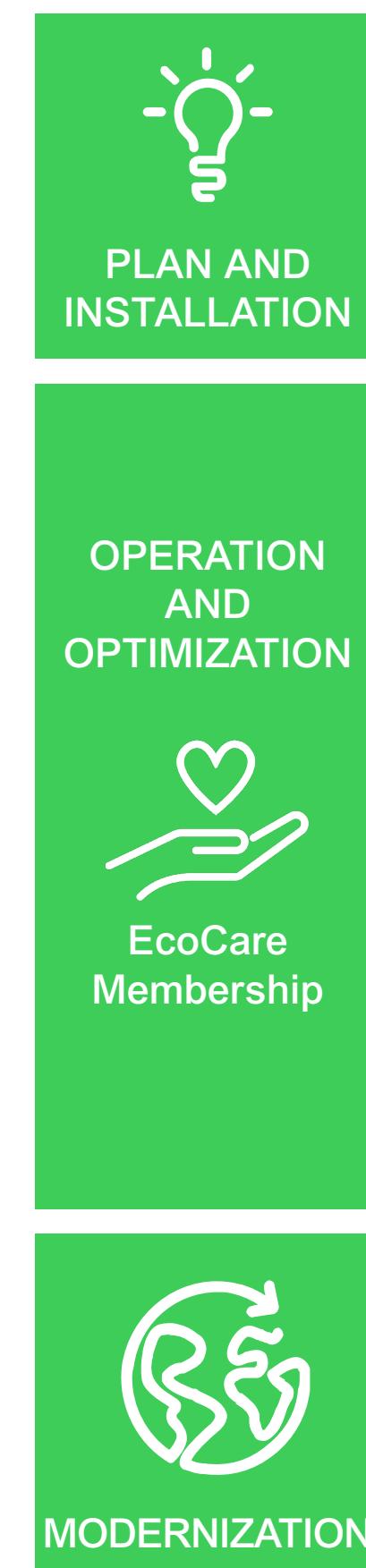
How do I install and commission?

1

Plan & Install

Renew

3

Operate & Optimize

2

How do I renew my solution?

How do I operate, maintain and optimize?

PLAN AND INSTALLATION

We help you get your IT project off the ground with:

• **Startup Services –** Smooth system setup from day one
• **Operator Training –** Empower your team with the right skills
• **Asset Configuration –** Tailored setup for optimal performance

OPERATION AND OPTIMIZATION

EcoCare Membership

We bring you peace of mind with 24/7 support from our experts:

• **EcoStruxure Asset Advisor –** Cloud-based remote monitoring by our professionals, 24/7
• **Extended Warranties –** Covering parts and batteries for worry-free ownership
• **Onsite Extended Warranties –** Extend the warranty including onsite preventive maintenance
• **Onsite Services Plans –** Our specialists come to you when needed
• **EcoCare Services Membership* –** Proactive asset performance management with AI-powered condition-based maintenance, 24/7 remote monitoring, and expert support.
• **Comprehensive coverage:** Traditional Data Centers, Prefab-Modular Data Centers, stand-alone and multiple 1phase and 3phase UPS, PDUs, Cooling InRoom, InRow, DX, CX, Chillers, Liquid cooling CDU.

We keep you one step ahead of issues with:

• **Preventive Maintenance –** Regular checkups to avoid downtime
• **Ad-hoc Services –** On-demand support whenever you need it

MODERNIZATION

We help you to upgrade and go green

A single asset or your entire fleet, with the latest, most sustainable technologies

* EcoCare 1phase and 3phase availabilities based on geographies.

Simplify your IT rack setup with this reference guide – designed to streamline your configuration process.

	Commercial & Tertiary Environment		Standard IT Environment		
Need of specific IT Environment or white room	Can be placed in commonly used non-IT areas. (non restricted access, comfort cooling)		Requires a dedicated IT environment. (secure environment, technical cooling)		
Typical Environments	Stock room Automated warehouse Retail Stores	Open office Retail Stores Clinics	Network closets	Server rooms	
Mounting	Wallmount (optional floor mount)	Floor mount	Wallmount	Floor mount	Floor mount
Density	Low	Low	Low	High	High
U total	6	12,17,32,38U	6,9,12,18,24U	18,42,45,48,52U	24,42,48U
IT equipment depth [mm]	up to 762	834	up to 835	up to 1048	up to 1041
IT load power [kW]	<1,5	<3,6	<1,5	Configuration dependant	
Ventilation	Yes	Yes	No	No	No
Soundproofed	No	Yes	No	No	No
Camera	Optional	Optional	Optional	Optional	Optional

Typical Application Configurations

As our partner, you get access to our **Design Portal** - your all-in-one tool to create, configure, and quote complete IT solutions.

In this next section, we explain how our solutions can complement your IT project designs and resolve common onsite issues.

Try it now

The ideal IT setup for Stock Rooms

Some tips for your solution placed in the Stock room:

1 Save Space: Use compact wall-mounted racks and slim Li-ion UPS units.

2 Stay Cool: Choose enclosures with built-in fans and dust filters.

3 Secure It: Lock the rack, mount it on the wall, and add security camera.

4 Make It Easy for Non-IT Staff: Use devices with simple, readable interfaces, try SmartConnect for easy remote monitoring and management.

5 Ensure you're covered: Choose extended warranties for peace of mind.

6 Get peace of mind: Let us monitor and manage everything for you with EcoStruxure Asset Advisor (EAA).

* For advanced, cloud-based monitoring at scale — go with EcoStruxure IT Expert.

The ideal IT setup for Stock Rooms

Type	Part Number	Description	Quantity
Racks and Accessories	AR106VI	APC NetShelter 6U Low-Profile Wallmount Rack Enclosure Cabinet 230V Server Depth	1
Racks and Accessories	AR8136BLK	1U 19" Black Modular Toolless Airflow Management Blanking Panel - Qty 10	1
Racks and Accessories	AR8471	AR106V Caster Kit	1
Power Distribution	AP6020A	APC NetShelter Basic Rack PDU, 0U, 1 phase, 3.3kW, 100-240V 20A or 200-240V 16A, 13 C13 outlets, C20 inlet	1
Uninterruptible Power Supply (UPS)	SRTL2K2RM1UIC	APC Smart-UPS Ultra On-Line, 2200VA, Lithium-ion, Rack/Tower 1U, 230V, 3x C13, 2x C19 IEC outlets, SmartConnect, Extended runtime, W/rail kit	1
Software	ERWPLUS1-3Y-DIGI	Subscription, EcoStruxure IT SmartConnect, Advanced 3Y Plan, 1 device, remote UPS reboot for power-cycling of IT equipment, full monitoring feature	2
Security and Environmental Monitoring	NBES0303	Wired, Sensor, NetBotz, 2 Door Switch Sensor, 12ft.	2
Security and Environmental Monitoring	NBRK0750	Rack Mount, Security and Environmental Appliance, NetBotz, 750	1
Security and Environmental Monitoring	NBPD0165	Camera, Pod, NetBotz, 165 High Definition	1
Services	WEXTWAR1YR-SPL-14	Warranty extension, for APC Smart UPS, for lithium ion, level 14	1
Services	WUPG1PEAA-UG-01	1 Yr EAA Prevent Srvc Upgrade to FW or Existing Srvc Plan for (1) 1P UPS Up to 10kVA	6

The ideal IT setup for Open Offices

Some tips for your solution placed in the Open Office:

1 **Stay Quiet & Stylish:** Use a soundproof, modern rack with noise reduction.

2 **Keep It Cool:** Built-in fan ventilation handles airflow in tight spaces.

3 **Monitor the Environment 24/7:** Add NetBotz for environmental monitoring — especially on weekends and holidays.

4 **Make It Easy for Non-IT Staff:** Use devices with simple, readable interfaces, include IT Expert for full remote visibility and management.

5 **Secure It:** physical security is even more critical in open space - use locking doors and sensors.

6 **Get peace of mind:** Let us monitor and manage everything for you with EcoStruxure Asset Advisor (EAA).

* For advanced, cloud-based monitoring at scale — go with EcoStruxure IT Expert.

The ideal IT setup for Open Offices

Type	Part Number	Description	Quantity
Racks and Accessories	AR4017IA	APC NetShelter Soundproof, 17U, Server Rack Enclosure, 230V, Maple	1
Racks and Accessories	AR8429	Horizontal Cable Organizer 1U w/brush strip	1
Racks and Accessories	AR8136BLK	1U 19" Black Modular Toolless Airflow Management Blanking Panel - Qty 10	2
Power Distribution	AP7920B	APC NetShelter Switched Rack PDU, 1U, 1PH, 2.3kW 230V 10A or 2.5kW 208V 12A, 8 C13 outlets, C14 cord	1
Uninterruptible Power Supply (UPS)	SMT2200RMI2UC	APC Smart-UPS, Line Interactive, 2200VA, Rackmount 2U, 230V, 8x IEC C13+1x IEC C19 outlets, SmartConnect Port+SmartSlot, AVR, LCD	1
Software	SWITE3YR-DIGI	Subscription, Ecostruxure IT Expert, 3 years, Digital, Remote monitoring and management of Data Centers	3
Security and Environmental Monitoring	NBRK0250A	Rack Mount, Security and Environmental Appliance, NetBotz, 250A	1
Security and Environmental Monitoring	NBES0303	Wired, Sensor, NetBotz, 2 Door Switch Sensor, 12ft.	1
Services	WBEXTWAR1YR-SP-04	Warranty extension service pack, for new product purchase, 1yr, level 04	1
Services	WUPG1PEAA-UG-01	1 Yr EAA Prevent Srvc Upgrade to FW or Existing Srvc Plan for (1) 1P UPS Up to 10kVA	4

The ideal IT setup for Network Closets

Some tips for your solution for networking equipment:

1 **Mount Smart, Save Space:** Use wall-mounted racks to keep equipment off the floor and out of the way.

2 **Choose the Right UPS for the needs:** Line-interactive UPS is perfect for non-critical systems.

3 **Keep Cables Under Control:** Integrate cable management trays and guides to avoid tangles and simplify maintenance.

4 **Secure the Setup:** Secure with locks and door sensors.

5 **Stay in Control:** Use a switched PDU to power devices on/off in sequence and prevent overloads.

6 **Monitor from Anywhere:** Enable remote visibility and management with SmartConnect—perfect when no IT staff is on-site.

7 **Be sure you're Covered:** Choose extended warranties for peace of mind.

* For advanced, cloud-based monitoring at scale — go with EcoStruxure IT Expert.

The ideal IT setup for Network Closets

Type	Part Number	Description	Quantity
Racks and Accessories	AR112SH6	APC NetShelter 12U Wallmount Rack Enclosure Cabinet Single Hinged Server Depth	1
Racks and Accessories	AR8425A	Horizontal Cable Organizer 1U	1
Power Distribution	AP7920B	APC NetShelter Switched Rack PDU, 1U, 1PH, 2.3kW 230V 10A or 2.5kW 208V 12A, 8 C13 outlets, C14 cord	1
Uninterruptible Power Supply (UPS)	SMT1000RMI2UC	APC Smart-UPS, Line Interactive, 1000VA, Rackmount 2U, 230V, 4x IEC C13 outlets, SmartConnect Port+SmartSlot, AVR, LCD	1
Software	ERWPLUS1-3Y-DIGI	Subscription, EcoStruxure IT SmartConnect, Advanced 3Y Plan, 1 device, remote UPS reboot for power-cycling of IT equipment, full monitoring feature	1
Security and Environmental Monitoring	NBRK0250A	Rack Mount, Security and Environmental Appliance, NetBotz, 250A	1
Security and Environmental Monitoring	AP9335TH	APC Temperature & Humidity Sensor	1
Security and Environmental Monitoring	NBES0303	Wired, Sensor, NetBotz, 2 Door Switch Sensor, 12ft.	1
Services	WINSTL-MDC-02	Assembly, Start-UPS, and Integration Service for (1) Level 2 Micro DC	1
Services	WEXTWAR1YR-NB-02	Extended warranty, parts only, software support, for NetBotz 2 series, 1 year	1
Services	WEXTWAR1YR-SP-03	Warranty extension, for Smart UPS, renewal or high volume, 1yr, level 03	1
Services	WEXWAR1Y-AC-02	Warranty extension, for accessory, renewal or high volume, 1yr, level 02	1
Services	WUPG1PEAA-UG-01	1 Yr EAA Prevent Srvc Upgrade to FW or Existing Srvc Plan for (1) 1P UPS Up to 10kVA	4

The ideal IT setup for High-performance server rooms

Some tips for your solution for High-performance server rooms:

1 **Don't compromise on Rack:** Go with NetShelter SX 2nd Gen racks with higher load capacity and superior airflow.

2 **Allow Zero Downtime:** Use an Online UPS with zero transfer time to ensure uninterrupted power for critical equipment.

3 **Be Smart with Power Control:** Install Switched with metering by outlet PDUs to monitor and manage power usage intelligently at the outlet level.

4 **Prioritize Security:** Combine physical security (access control, cameras) with software-based protections (monitoring, alerts).

5 **Centralize Management:** Use advanced infrastructure management software to handle complex systems efficiently.

6 **Plan for Redundancy:** For mission-critical applications, build in redundancy across power, cooling, and network systems.

7 **Protect your Data:** Use PowerChute for safe shutdowns, protecting data and enabling unattended start-up when power is restored.

8 **Think about Cooling:** Consider Inrow cooling and Aisle containment – standard air conditioning may not be enough.

The ideal IT setup for **High-performance server rooms**

Type	Part Number	Description	Quantity
Racks and Accessories	AR3300B2	APC NetShelter SX Server Rack Gen 2, 42U, 1991H x 600W x 1200D mm, with Sides, Black	1
Racks and Accessories	AR8429	Horizontal Cable Organizer 1U w/brush strip	1
Racks and Accessories	AR8136BLK	1U 19" Black Modular Toolless Airflow Management Blanking Panel - Qty 10	4
Power Distribution	AP8659	Rack PDU 2G, Metered by Outlet with Switching, ZeroU, 20A/208V, 16A/230V, (21) C13 & (3) C19	2
Power Distribution	AP9877	APC NetShelter Power Cord, IEC C19 to C20, 2.0m	2
Power Distribution	AP8706S-WW	Power Cord Kit (6 ea), Locking, C13 to C14, 1.8m	3
UPS	SRTL5KRM2UI	APC Smart-UPS Ultra On-Line, 5000VA, Lithium-ion, Rack/Tower 2U, 230V, 6 C13 + 4 C19 IEC outlets, Network Card, Extended runtime, W/rail kit	2
Software	SWITE3YR-DIGI	Subscription, Ecostruxure IT Expert, 3 years, Digital, Remote monitoring and management of Data Centers	5
Software	SWPCNS5Y-DIGI	Subscription, PowerChute Network Shutdown for Virtualization and HCI, 5 years	1
Security and Environmental Monitoring	NBHN125	Rack Access, Kit, NetBotz, 125 kHz 2 Handle	1
Security and Environmental Monitoring	NBES0303	Wired, Sensor, NetBotz, 2 Door Switch Sensor, 12ft.	1
Security and Environmental Monitoring	NBRK0750	Rack Mount, Security and Environmental Appliance, NetBotz, 750	1
Security and Environmental Monitoring	NBPD0165	Camera, Pod, NetBotz, 165 High Definition	1
Services	WASSEMUPS-3R-SB-00	Scheduled 5X8 Assembly and Power-Up Service	2
Services	WEXTWAR1YR-SPL-15	Warranty extension, for APC Smart UPS, for lithium ion, level 15, 1yr	2
Services	WUPG1PEAA-UG-01	1 Yr EAA Prevent Srvc Upgrade to FW or Existing Srvc Plan for (1) 1P UPS Up to 10kVA	12

The ideal IT setup for Basic server rooms

Some tips for your solution for Basic server rooms:

1 **Keep It Simple with Racks:** You may not need advanced features—Easy Racks can be a reliable, cost-effective choice.

2 **Allow Zero Downtime:** Even in a basic setup, uptime matters. Use an Online Easy UPS for zero transfer time and reliable backup.

3 **Be Smart with Power Control:** Go with Switched Easy PDU for essential control and monitoring without complexity.

4 **Monitor the Environment:** Don't overlook temperature and humidity monitoring—it's key to preventing hardware issues.

5 **Manage with the Right Tool:** Even small setups benefit from visibility. Use centralized infrastructure software to stay in control as things grow. With NMC, 1st year subscription is included.

6 **Get peace of mind:** Let us monitor and manage everything for you - with EcoStruxure Asset Advisor (EAA).

The ideal IT setup for Basic server rooms

Type	Part Number	Description	Quantity
Racks and Accessories	ER6402	APC Easy Rack, 24U, Black, With Roof, Castors, Feet, 4 Brackets, and Side Panels, No Bottom, 1198H x 600W x 1000D mm	1
Racks and Accessories	ER7HCM	Easy Rack Horizontal Cable Manager,1U	1
Racks and Accessories	ER7BP2U	Easy Rack 2U metal blanking panel,10pk	1
Power Distribution	EPDU2016S	APC Easy Switched Rack PDU, 1U, 16A, 230V, 8 C13 outlets	1
Uninterruptible Power Supply (UPS)	SRV3KRIRK-E	APC Easy UPS On-Line, 3kVA/2700W, Rackmount 2U, 230V, 6x IEC C13 + 1x IEC C19 outlets, Intelligent Card Slot, LCD, W/ rail kit	1
Uninterruptible Power Supply (UPS)	SBP3000RMI	APC SERVICE BYPASS PDU, 230V 16AMP W/ (6) IEC C13 AND (1) C19	1
Software	AP9544	Device monitoring and management, Network Management Cards, NMC3 for Easy UPS On-Line, secure remote UPS monitoring and management	1
Other	EPDU-TH	APC Easy Rack PDU Temperature & Humidity Sensor	1
Services	WBEXTWAR1YR-SE-03	Extended warranty, Easy UPS SRV SRVS, level 03, 1 year	1
Services	WUPG1PEAA-UG-01	1 Yr EAA Prevent Srvc Upgrade to FW or Existing Srvc Plan for (1) 1P UPS Up to 10kVA	3

Typical configurations overview

	Commercial & Tertiary Environment		Standard IT Environment		
	Stock Rooms	**Open Offices**	**Network Closets**	**High-performance server rooms**	**Basic server rooms**
Configuration example	C-Series Wallmount	C-Series Soundproof	S-Series Wallmount	S-Series Performance	S-Series Essential
PLACE (Rack)					
U Total	6	17	12	42	24
U available	3	13	9	36	19
IT load [kW]	1.5	1.2	0.7	5	2.7
POWER (PDU)					
C13 outlets (PDU+UPS)	13 + 3	2x (8 + 7)	8 + 3	2x (21 + 6)	8 + 6 (+6 Bypass)
C19 outlets (PDU+UPS)	0 + 1	2x (0 + 1)	0	2x (3 + 3)	1
PDU Type	Basic	Switched	Switched	Metered by Outlet with Switching	Switched
PROTECT (UPS)					
UPS capacity [kVA]	2.2	2.2	1	5	3
UPS type	Online	Line-Interactive	Line-Interactive	Online	Online
U space	1U	2U	2U	2x 2U	2U
Backup time	10'4"	12'22"	8'42"	2x 5'17"	2'54"
Battery Life (Type)	8..10 years (Li-ion)	3..5 years (VRLA)	4..6 years (VRLA)	5..10 years (Li-ion)	3..5 years (VRLA)
UPS redundancy	No	No	No	1+1	No
Manual Bypass	No	No	No	No	Yes
PREVENT (Software)					
Cloud-enabled UPS monitoring	Yes	Yes	Yes	No	No
T&H Sensors	2	2	2	2	1
Door status	Yes	Yes	Yes	Yes	No
Camera	Yes	No	No	Yes	No

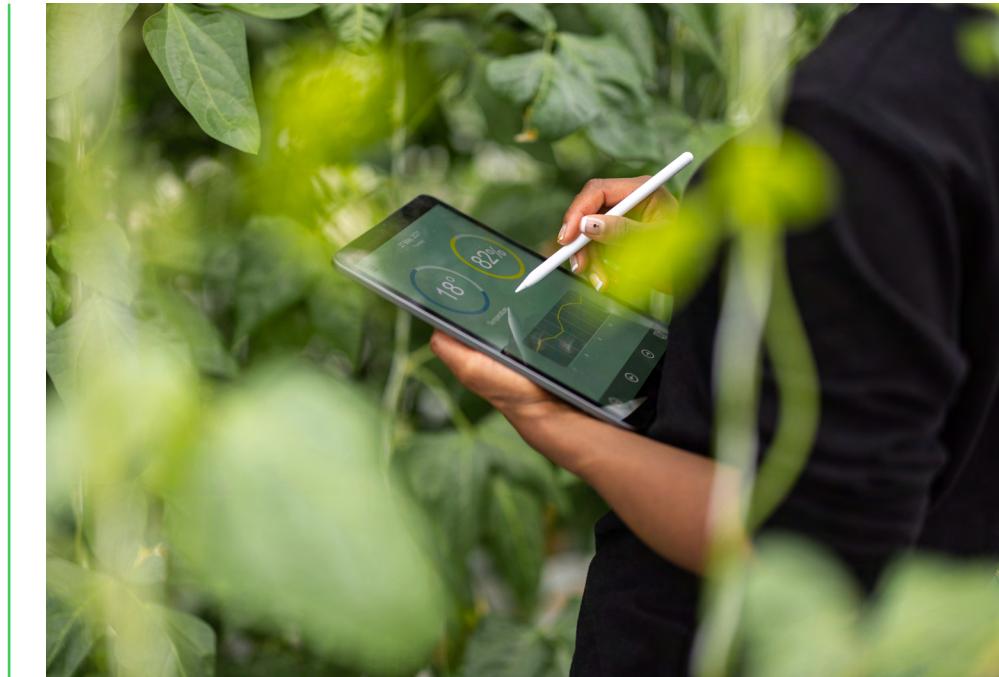Schneider Electric
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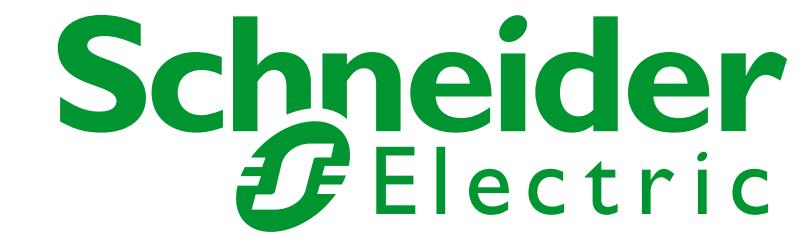
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