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Schneider Electric Solves Edge Computing Challenges with New 6U Wall Mount EcoStruxure Micro Data Center

Barcelona (Spain), October 2, 2019– Schneider Electric, the leader in digital transformation of energy management and automation, announced it has simplified and aligned its [data center solutions](#) for the new hybrid IT world with the introduction of [EcoStruxure Data Center Solutions](#), unveiled at Innovation Summit Barcelona Oct. 2-3, 2019. The latest evolution of Schneider Electric's integrated systems, **EcoStruxure Data Center Solutions** bring together power, cooling, racks, and management to support deployment of distributed IT networks in all environments from small edge

applications to hyperscale cloud data centers. Within the portfolio announced today, Schneider brings to market the first-of-its-kind EcoStruxure Micro Data Center in a 6U wall mount model, designed to support large edge servers in a low-profile cabinet that maximizes floor space

Four fast, flexible, manageable, and configurable solutions that are highly secure and use the latest management technology:

- [EcoStruxure Micro Data Center: S-Series; C-Series; R-Series](#)
Self-contained, single-rack enclosure inclusive of remote monitoring and management, services, physical security, UPS, power distribution, and cooling devices for a fast, simple, and customized way to design, deploy, and manage [edge computing solutions](#) in multiple environments
- [EcoStruxure Row Data Center: S-Series; C-Series; R-Series](#)
Pre-engineered single row solutions to modernize infrastructure are highly configurable and scalable encompassing racks, power, cooling, and management systems, removing time and complexity from design to installation and operation in multiple environments
- [EcoStruxure Pod Data Center: Pod](#)
Innovative rack-ready pod systems to deploy IT at scale offer simple integration with a variety of cooling and power configurations resulting in a simplified design and installation process and up to 15 percent reduction in CapEx cost
- [EcoStruxure Modular Data Center: All-in-One; IT Hall; Power](#)
Prefabricated, pretested solutions delivered as functional building blocks of power, IT, or all-in-one data centers delivering flexible and predictable deployment and the ability to scale capacity quickly

EcoStruxure Micro Data Center 6U Wall Mount Addresses Edge Computing Challenges

To meet the needs of today's always-on world, companies of all sizes are undergoing digital transformation. As a result, IT systems are being placed closer to where the data is created and processed - a disruptive trend called [edge computing](#). Edge computing presents new challenges with many distributed systems in locations unstaffed by IT with new cyber and physical

security demands and in environments not optimized for IT systems. **Schneider Electric's 6U Wall Mount** is designed for edge computing where space is at a premium and resiliency is a must. It allows large, heavy edge servers, networking equipment, and the UPS to be safely mounted on a wall, so it consumes zero floor space and is 60 percent less intrusive than traditional wall mount enclosures. Shock packaging means partners and integrators can pre-install IT for quick and standardized rollouts, and its integrated dust filter and fan ventilation make it ideal for light industrial environments. The 6U Wall Mount empowers customers to support critical business operations in non-IT environments.

“With the EcoStruxure Micro Data Center 6U Wall Mount’s creative design and functionality, we are able to open up new possibilities to deploy resilient IT at the edge, making digital transformation a reality,” said Jim Simonelli, SVP Emerging Businesses, Secure Power Division, Schneider Electric. “No one else can provide the full, standardized IT infrastructure solutions that Schneider can along with the partner ecosystem to ensure simplified deployment and compatibility. A fully integrated EcoStruxure Data Center Solution, including EcoStruxure IT and Asset Advisor 24/7 remote monitoring and services, ensures resiliency in the cloud and at the edge.”



EcoStruxure Micro Data Center C-Series 6U Wall Mount

Schneider Electric's New Device Security Vulnerability Assessment Enhances Cybersecurity

As edge networks proliferate, IT professionals face new security challenges. An estimated 61 percent of small and medium businesses are hit by cyberattacks annually*. To defend against cyberattacks, Schneider Electric has announced **the new Device Security Vulnerability Assessment**, now available in [EcoStruxure IT Expert™](#), Schneider's cloud-based monitoring and management software for local edge, distributed IT, and data center. Today's release includes assessment of all Schneider Electric connected devices with future updates to expand vendor-neutral capabilities.

The new assessment reduces the risk of a security breach and saves time by helping users determine threats and engage in preventive measures sooner, ultimately lowering the possibilities of major business disruption and data loss. Specifically, it helps customers identify and report vulnerabilities, prevent risks, comply with security policies and regulations, and understand the industry best-practices for security. EcoStruxure IT Expert users can find the Vulnerability Assessment on the 'Assessments' tab in the tool.

EcoStruxure™ is our open, interoperable, IoT-enabled system architecture and platform. EcoStruxure delivers enhanced value around safety, reliability, efficiency, sustainability, and connectivity for our customers. EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level. This includes Connected Products, Edge Control, and Apps, Analytics & Services which are supported by Customer Lifecycle Software. EcoStruxure™ has been deployed in almost 500,000 sites with the support of 20,000+ developers, 650,000 service providers and partners, 3,000 utilities and connects over 2 million assets under management.

From energy and sustainability consulting to optimizing the life cycle of your operational systems, we have world-wide services to meet your business needs. As a customer-centric organization, Schneider Electric is your trusted advisor to help increase asset reliability, improve total cost of ownership and drive your enterprise's digital transformation towards sustainability, efficiency and safety.

*<https://www.hiscox.co.uk/cyberreadiness>

About Schneider Electric

At Schneider, we believe **access to energy and digital** is a basic human right. We empower all to **make the most of their energy and resources**, ensuring **Life Is On** everywhere, for everyone, at every moment.

We provide **energy and automation digital** solutions for **efficiency and sustainability**. We combine world-leading energy technologies, real-time automation, software and services into integrated solutions for Homes, Buildings, Data Centers, Infrastructure and Industries.

We are committed to unleash the infinite possibilities of an **open, global, innovative community** that is passionate about our **Meaningful Purpose, Inclusive and Empowered** values.

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