



Weidmuller USA

Caroline March-Long, Dir. Marketing

Email: caroline.march-long@weidmueller.com

Phone: 804-677-2812

Weidmuller USA Announces the Launch of u-OS: A Revolutionary Operating System for Industrial IoT and Automation

Richmond, Va. (September 12, 2023) - Weidmuller USA, a provider of Smart Industrial Connectivity products and solutions headquartered in Richmond, Va., has introduced a new open operating system – **u-OS** – that is uniquely engineered for Industrial IoT and Automation applications. The innovative u-OS system debuted at the 2023 PACK EXPO in Las Vegas and has launched nationwide.

A snapshot of u-OS features includes:

- **u-OS is made for maintenance** – Easy cloud-based diagnostics and fleet management for your remotely deployed devices
- **u-OS offers seamless integration** – Merge proprietary and third-party apps effortlessly using containerization
- **u-OS is future-proof** – Built on open standards like Linux, OPC-UA, and Docker
- **u-OS is independent** – Future-proof solution with no lock-ins for more choices
- **u-OS offers universal compatibility** – Supports multiple fieldbus protocols
- **u-OS provides easy scalability** – Expand and adapt with cloud-based device management
- **u-OS is migration-ready** – Transition to new systems without the hassle

An added feature is that the CODESYS APP, a leading IEC61131-3 programming tool used in machine building and system integration, is fully integrated into the u-OS platform. This enables anyone, from newcomers to automation experts, to harness the power of CODESYS, which provides a robust and user-friendly environment tailored to the user's needs.

“u-OS isn't just the bridge to Industry 4.0, it's the on-ramp,” said Ken Crawford, Senior Director of Automation at Weidmuller USA. “Plus, it's independent and built on recognized open standards like Linux, Containers, and OPC-UA to ensure future resilience and ease of system migration by eliminating reliance on a single provider.”

Crawford noted that u-OS is compatible with other Weidmuller products such as the u-remote and u-control lines as well as IoT Gateways and easyConnect. “We are

continuously growing the u-OS ecosystem to make our solutions even more flexible and valuable to a wide variety of industry sectors in U.S. and global markets.”

Learn more about the multi-faceted [u-OS system](#) developed by Weidmuller.

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About Weidmüller Group

Founded in 1850 and operating in Richmond, VA, for almost 50 years, the Weidmüller Group has production sites, sales companies, and representatives in more than 80 countries. Together with its customers, the Germany-based, family-owned company is shaping digital transformation with products, solutions, and services for smart industrial connectivity and the Industrial Internet of Things. In fiscal year 2022, Weidmüller generated a turnover of more than one billion euros with about 6,000 employees around the world. Weidmuller USA has been awarded a Top Workplaces honor by Richmond Times-Dispatch for two years in a row (2022-2023). In May 2023, Weidmuller USA broke ground on a new engineering and manufacturing facility in Richmond that is designed to develop and deliver electrical connectivity and automation solutions closer to U.S. customers. Find out more at www.weidmuller.com