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Safe and Secure Systems Powered by Intel, Curtiss-Wright, wolfSSL and SYSGO

A collaborative showcase from Intel, Curtiss-Wright, SYSGO, and wolfSSL runs on the Curtiss-Wright safety-certifiable 3U VPX single board computer, V3-1222, featuring the 13th Gen Intel® Core™ i7-1376 processor, SYSGO PikeOS, and wolfSSL's wolfBoot and wolfCrypt.

The solution delivers a complete, verifiable chain of trust from power-on to application runtime, with wolfBoot validating PikeOS and wolfCrypt running benchmarks to prove both integrity and performance.

Built on a DO-178C DAL-A certifiable foundation, it incorporates FIPS 140-3 validated cryptography with support for post-quantum algorithms and hybrid schemes, ensuring long-term resilience against emerging threats.

By uniting high-performance Intel processors, safety-certifiable Curtiss-Wright hardware, and proven wolfSSL and SYSGO security technologies, this integration shows how system designers can reduce risk, streamline certification, and accelerate deployment in aerospace, defense, automotive, and industrial markets.

Visit wolfSSL Booth #2070 to experience the live demo.

Partner Links:

www.wolfssl.com

www.curtisswrights.com

www.sysgo.com

Partner Name

wolfSSL

Booth Location

wolfSSL Booth #2070

Solution Name

- wolfBoot Secure Bootloader
- wolfCrypt



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Exhibition & Conference

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