NEWS RELEASE

# Sentry Enterprises and Ambiq Join Forces to Integrate the Apollo3 Blue SoC into the First-of-its-Kind SentryCard™

2020-10-20

A Revolutionary Converged Biometric Credential For Physical And Logical Access is Now Available

CHICAGO/AUSTIN, October 20, 2020 /GlobeNewswire/ — Sentry Enterprises, a U.S. based manufacturer of converged biometric identification solutions, has selected Ambiq's Apollo3 Blue system on chip (SoC) family to integrate into the third generation of its SentryCard™ platform, a state-of-the-art converged biometric credential for physical entry, logical access and proximity detection.

The biometric SentryCard replaces standalone solutions while leveraging an end-user's existing physical access control infrastructure, supporting multiple industry-standard protocols. Apollo3 Blue SoC family, including the newest Apollo3 Blue Thin, will enable Sentry Enterprises' SentryCard platform to address the increased market demand for enhanced security across every industry vertical.

"Ambiq's Apollo3 Blue SoCs provide a robust, yet low power solution, enhancing the security and processing power within our platform.  The latest Apollo3 Blue Thin's size is critical when designing an ISO-specified smartcard like the SentryCard," said Mark Bennett, CEO of Sentry Enterprises.

"We are excited to partner with Sentry Enterprises. The Apollo3 Blue family of system of chips will enable the SentryCard the most energy-efficient sensor processing solutions at a farther distance with the lowest active power consumption in the market today." said Aaron Grassian, Vice President of sales Ambiq.

The Apollo3 Blue family of SoCs inside the SentryCard features an ultra-low power 32-bit Arm® Cortex®-M4 processor that optimizes both active and sleep mode power. Power consumption is as low as 6µA/MHz, offering the efficiency to meet the battery constrained processing needs of the SentryCard™ to provide for extremely long product life.

The SentryCard platform offers highly secure, frictionless access and the highly sought-after biometric authentication methods that are now on the agendas of large multinational enterprises.

Sentry's first-of-its-kind converged biometric credential launched in Q3 2020 and began shipping through its channel-partners in Q4 2020.

About Sentry Enterprises

Founded in 2013, Sentry Enterprises is a Chicago-based company with expertise in creating ultra-thin microelectronic security devices. The company offers a proprietary and patented platform focused on providing proof-positive identification whether accessing a building or computing network. Sentry Enterprises' solution solves for numerous risks facing today's enterprises, from biometric authentication to privacy, contact tracing and hygiene issues. For more information or to schedule a demonstration, visit **www.sentryenterprises.com**

About Ambiq Micro

Ambiq was founded in 2010 with the mission to foster a cleaner, greener, and safer environment where mobile and portable devices could either reduce or eliminate their total power consumption from the batteries. We laser-focused on nothing but inventing and delivering the most revolutionary RTC and SoC solutions in the market for the last ten years. Through the advanced Sub-threshold Power Optimized Technology (SPOT®) platform, Ambiq has helped many leading manufacturers worldwide create products that can operate for days, months, and sometimes years with a lithium battery or a single charge.  For more information, visit **www.ambiq.com**.

Press Contacts

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