IMCI Acquires Rights to Sensor Encryption Technology

Company seeks to secure sensor and sensor-to-edge device data

Herndon, VA ([PRWEB](#)) May 02, 2017 -- IMCI, a leading and proven provider of Critical Infrastructure Protection (CIP) solutions, announced today the signing of an option agreement to acquire the exclusive rights to a sensor encryption technology. The technology, named Kaleidoscope Encryption, is the latest generation of an encryption technology in use for more than thirty years and used by millions. It is significantly stronger than AES, over 5X faster while the code is more than 4X smaller. Due to its tiny size (6 kb), and fast, secure performance, it is exceptionally well suited for sensors, meters, and IoT (Internet of Things) devices. Prior iterations of the Kaleidoscope Encryption code base have been subjected to multiple cryptanalyses by a major telecommunications company, several international oil companies, a US government agency and various other commercial companies.

"We've identified a weakness in the IoT universe which can be addressed," says Shannon McElyea, Vice President of Strategic Alliances for IMCI. "Data at rest on the sensor currently is unprotected allowing an access point into potentially trillions of IoT devices and systems. By combining Kaleidoscope Encryption with our Open-i Border Router we can provide industry an unequaled level of intrusion defense that is fast and simple to set up, monitor, and manage. We're looking to partner with System Integrators and other large sensor and metering manufacturers to bring this solution to market."

About IMCI
For more than 20 years IMCI has offered a remote monitoring and management solution that allows users to aggregate software and hardware from different manufactures, platforms, and languages (protocols). The pioneering, vendor-neutral Open-i Product Family offers the ability to take control of facility equipment, sensors (legacy and IoT), meters, and network elements in buildings, providing the advantage of remotely monitoring and managing physical devices including generators, HVAC, lighting, radios, multiplexers, cameras, antennas, fans, and more from a single, easy-to-navigate, secure web interface.

The Company's IRiS Management Software is a secure, OS, DBMS and browser-independent, web-based platform enabling the seamless collection, translation, reporting, and dissemination of information from an unlimited number of Open-i's and their connected sensors, meters, network elements, and facility equipment. IRiS also monitors other vendors' network elements, security devices, facility equipment, sensors, meters, and infrastructure products that communicate via SNMP.

Customers include Fortune 500 companies, enterprise organizations, private corporations, and government entities in the United States, Canada, South America, Asia, and Europe.

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