



INSIDE Secure Dominates Emerging MACsec Market whose Growth is Driven by Rising Cloud Adoption and Growing Datacenter Market

INSIDE Secure Innovations also Solving New Security Challenges for Switch Vendors without Adding Costs

Aix-en-Provence, December 8, 2015 - INSIDE Secure (Euronext Paris: INSD), a leader in embedded security solutions for mobile and connected devices, today announced major wins for its MACsec secure engines which have gained a dominant position in the market due to high throughput rates and strength of security. The adoption of its MACsec secure engines have also paved the way for new security innovations for network switch companies to take advantage of this security functionality via the INSIDE Secure's MACsec toolkit without adding additional cost to their devices on the hardware side.

"As data centers demand better security without affecting cost or throughput, we are seeing growing interest in MACsec," said Linley Gwennap, principal analyst of The Linley Group. "By incorporating MACsec security through software integration, customers can avoid a lengthy and expensive hardware redesign and meet their goal of improving security without adding to the overall cost."

Major silicon vendors are requiring MACsec functionality in their network solutions. INSIDE Secure's MACsec secure engines are used to secure data inside an enterprise datacenter or between datacenters to prevent people from stealing private information or connecting to networks with a hacked device. INSIDE Secure provides the source code that chip makers use to build secure chips.

Growth numbers for cloud adoption have exploded with 82 percent of enterprises now having a hybrid cloud strategy, up from 74 percent in 2014. While it's difficult to distill the exact amounts companies spend on data centers, cloud service providers do, however, consistently say that data center spend represents the biggest portion of their capital expenditures.

INSIDE Secure has been the "go to" security provider for world leaders and Fortune 500 semiconductor vendors on the forefront of cloud, software-defined networks (SDN), and high speed networking technology.

As a result of INSIDE Secure's recent sales wins, major silicon vendors already ship solutions with INSIDE Secure's MACsec silicon IP designs built into their chip solutions. OEMs and switch vendors can thus take advantage of this existing



functionality without incurring any additional hardware design costs through the use of INSIDE Secure's MACsec software toolkit. This allows vendors to increase the security functionality of their devices without adding to their hardware BOM and to incorporate MACsec security through software integration rather than a hardware redesign.

MACsec use is expanding in the market to meet new challenges. It can close security holes in datacenter, enterprise, and carrier ethernet deployments. It protects data between servers, and between racks in a datacenter, between devices in an enterprise, and potentially between virtual machines on cloud deployed servers. INSIDE Secure's MACsec toolkit enables developers to embed MACsec capabilities into new and existing products. MACsec is suitable for Ethernet bridges, routers, and hosts. This toolkit is highly portable, well documented and commented ANSI C source code suitable for a wide range of platforms.

MACsec toolkit benefits include:

1. Secures private data and connections to prevent hackers access to information that a business may be liable for if exposed
2. Provides the ability for companies to deploy a secure network
3. Saves money for switch vendors since major silicon vendors have already incorporated the functionality onboard. They just need the software to run MACsec without adding to hardware development costs and bill of materials.
4. Meets health care and finance regulatory requirements, including HIPAA, PCI, Sarbanes-Oxley, Basel-II, and the Food and Drug Administration, requiring all data to be encrypted when it leaves the physical security of a building

"We are very excited about how our MACsec product has dominated the market with major wins from industry giants that include the lion's share of all leading semi-conductor companies," said Martin Bergenwall, EVP, Mobile Security Division. "What is equally as exciting is that our wins with silicon vendors provide a foundation for switch companies to secure critical assets without adding additional costs."



Additional information about INSIDE Secure's MACsec products are available online at:

MACsec Security Engines:

<http://www.insidesecond.com/Products-Technologies/Silicon-IP/Security-Protocol-Packet-Engines>.

MACsec Toolkit:

<http://www.insidesecond.com/Products-Technologies/Protocol-Security-Toolkits/MACsec-Toolkit>

About INSIDE Secure

INSIDE Secure (Euronext Paris FR0010291245 – INSD) provides comprehensive embedded security solutions. World-leading companies rely on INSIDE Secure's mobile security and secure transaction offerings to protect critical assets including connected devices, content, services, identity and transactions. Unmatched security expertise combined with a comprehensive range of IP, semiconductors, software and associated services gives INSIDE Secure customers a single source for advanced solutions and superior investment protection.

For more information, visit <http://www.insidesecond.com>.

#

Company contact:

Geraldine Saunière
Marcom Director
+33 (0) 4 42 37 02 37
gsauniere@insidesecond.com

INSIDE Secure

Media and analyst contact:

Lorraine Kauffman-Hall
lhall@attainmarketing.com
+ 1 704-882-0443