Inside Secure and Marvell Deliver Open Source Open Data Plane Security VPN Solution

Sep 29, 2016

Companies to demonstrate high-performance open source VPN solution at Linaro Connect Las Vegas

Aix-en-Provence, France and Las Vegas, September 30th, 2016 – Inside Secure, at the heart of security solutions for mobile and connected devices and network equipment, today announced the Marvell-Inside Secure solution, a collaboration that provides open source Open Data Plane (ODP) security API support on Marvell's ARMADA® 8K and ARMADA 7K System-on-Chip (SoC) families with embedded Inside Secure Security Protocol Accelerator IP technology. The Marvell-Inside Secure solution provides customers with an easy and efficient way to secure their high-speed networking applications with access to all of the ARM ecosystem's software support.

Cloud computing, data centers and server farms are expected to process 8.6 ZB of traffic by the end of 2019 according to the Cisco Global Cloud Index, up from 3.4 ZB in 2014, and require significantly more bandwidth every few months. Traditional CPU-based technology consumes too much power and simply cannot handle the workload required to secure increasing traffic. Combined with Marvell's advanced networking technology and ODP API support, the acceleration features of Inside Secure's packet engine technology provides an ultra-efficient and high performance VPN solution. The Marvell-Inside Secure solution takes a complete IP packet and autonomously transforms it into an encrypted IP packet, or vice versa, offering customers cutting-edge automated intelligence embedded in the solution.

"We are excited to collaborate with Inside Secure to offer a high-performance open source VPN solution for our ARMADA 7K and ARMADA 8K SoC family based on multi-core ARM®v8 Cortex® A72 CPUs," said Michael Zimmerman, Vice President and General Manager of Connectivity, Storage and Infrastructure at Marvell Semiconductor, Inc. "The security protocol acceleration technology, combined with Marvell's high speed networking technology and state-of-art IOs, provides the optimal solution for SMBs and enterprise networks and security appliances. With CPU and IO virtualization support, the ARMADA 7K and ARMADA 8K SoC families are ideally suited for the data center and edge virtual CPE (vCPE) appliances."

"Marvell's ARMADA 8K and ARMADA 7K integration with our hardware IP technology, Inside Secure's high speed IPsec and TLS Security Packet Engine, illustrates our ability to offer best-in-class products for top tier vendors. We facilitate an easier deployment and use of our embedded security technology," said Andrew McLennan, executive vice-president of Inside Secure's Mobile Security Division. "We are proud to be supporting the ODP API defined by the Linaro community."

To maximize overall application performance, the advanced architecture of the Marvell-INSIDE solution offloads packet transformation. Additionally, Inside Secure's Security Packet Engines enable efficient multi Gigabit IPsec and TLS security protocol processing with maximum CPU offload to handle full line speed encrypted communication.

Marvell's ARMADA 8040 SoC, embedded with Inside Secure's Security Packet Engine running ODP, will be demonstrated jointly at Linaro Connect on Sept. 30, 2016 at the JW Marriott Resort and Spa Hotel in Las Vegas.

To learn more about the products:

http://www.marvell.com/embedded-processors/

https://www.insidesecure.com/Products-Technologies/Silicon-IP/Security-Protocol-Packet-Engines

https://www.insidesecure.com/content/download/2379/16914/version/1/file/Server+EIP-197e.pdf

About Marvell

Marvell (MRVL) is a global leader in providing complete silicon solutions. From storage to cloud infrastructure, Internet of Things (IoT), connectivity and multimedia, Marvell's diverse product portfolio aligns complete platform designs with industry-leading performance, security, reliability and efficiency. At the core of the world's most powerful consumer, network and enterprise systems, Marvell empowers partners and their customers to always stand at the forefront of innovation, performance and mass appeal. By providing people around the world with mobility and ease of access to services, adding value to their social, personal and work lives, Marvell is committed to enhancing the human experience.

As used in this release, the term "Marvell" refers to Marvell Technology Group Ltd. and its subsidiaries. For more information, please visit www.Marvell.com.

About Inside Secure

Inside Secure (Euronext Paris – INSD) is at the heart of security solutions for mobile and connected devices, providing software, silicon IP, tools and know-how needed to protect customers' transactions, content, applications, and communications. With its deep security expertise and experience, the company delivers products having advanced and differentiated technical capabilities that span the entire range of security requirement levels to serve the demanding markets of network security, IoT security, content & application protection, mobile payment & banking. Inside Secure's technology protects solutions for a broad range of customers including service providers, content distributors, security system integrators, device vendors and semiconductor manufacturers. For more information, visit http://www.insidesecure.com

# # #

Company contact:
Geraldine Saunière

Marcom Director

+33 (0) 4 42 37 02 37

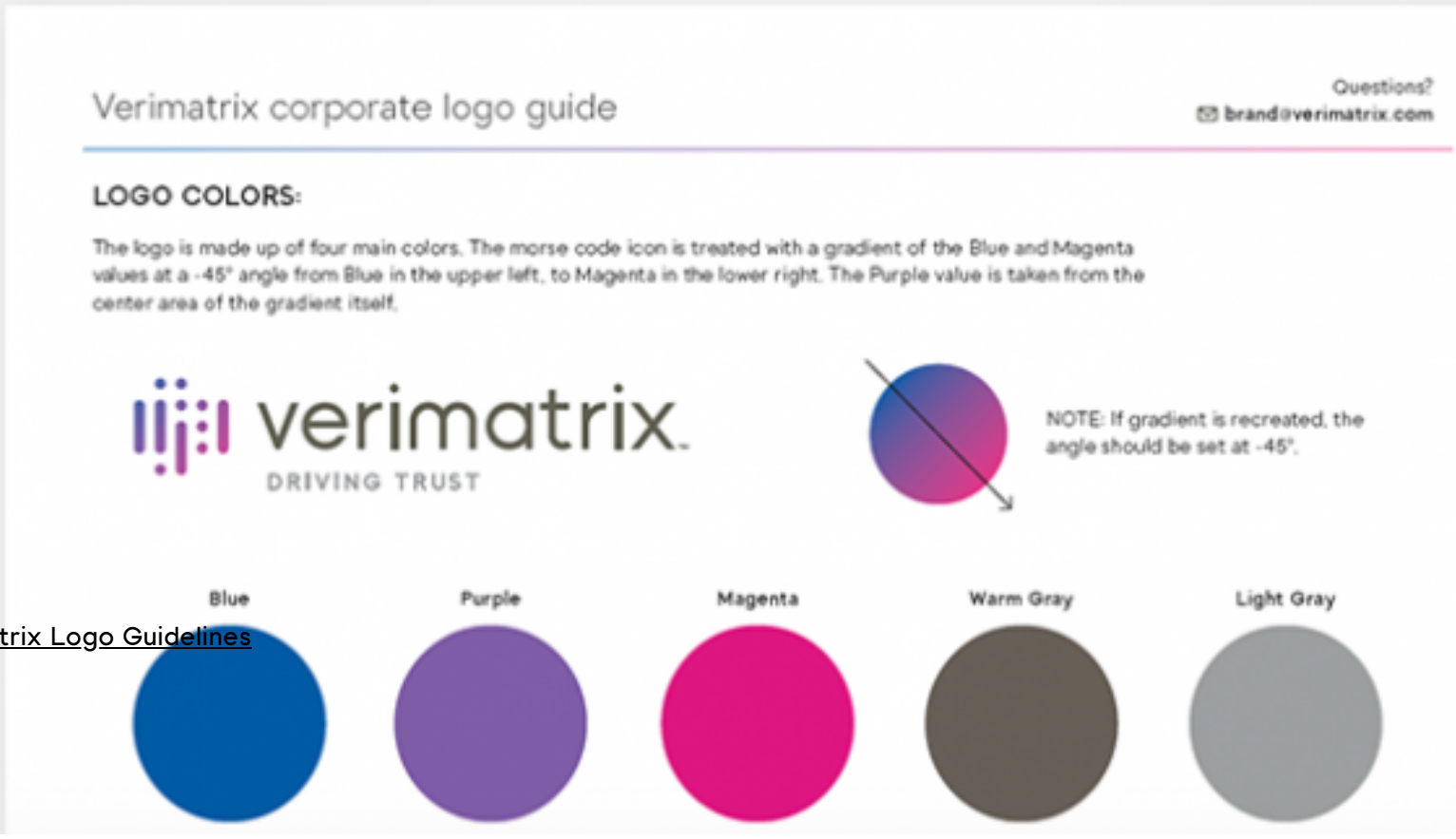
gsauniere@insidesecure.com

verimatrix

verimatrix
DRIVING TRUST

.AI

verimatrix
DRIVING TRUST



Verimatrix Logo Guidelines

PRESS KIT