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SAN FRANCISCO, CALIFORNIA, USA, March 5, 2019 /EINPresswire.com/ -- London, 5th-7th-March San Francisco 2019 – UM-LABS R&D, a leader in RTC Cyber Security UOS (Unicus TM) for Real-time communications (RTC) announced today the extension of SNITCH to combat major international call fraud. Fraudulent calls are a growing problem particularly with the increasing number of IP based phone services and the growing installed base of Unified Communication (UC) services. The cost of a single fraud attack can exceed $400,000, with a global loss running at $29.6billion.

UM Labs — Innovation in Cyber Security Showcase

UM-Labs R&D recognises that in 2018 we will see two major compliance regulations come into force, GDPR and MIFID II. GDPR applies universally while MIFID II is targeted at parts of the financial sector. With the focus on meeting the requirements for data processing services, the need to ensure compliance for Real-Time Communications (RTC) applications including phone services and Unified Communication (UC) applications such as video and instant messaging is often overlooked.

Compliance:-
Virtually all organisations are heavily dependent on IP based real-time communications services and these encompass the phone on your desk, the call centre and any mobile communications apps in use. Research has shown that IP based RTC services are less well protected than other IT applications and services in the same organisation. The security risks for RTC services magnify as external links to those services are implemented, in other words as UC services are deployed. Compliance regulations apply equally to RTC services and other IT services.

Non-compliance Costs

Non-compliant Organization / The Law

A data loss caused by a breach in the security of an RTC service is a GDRP violation and lead to a penalty of up to 4% of global annual turnover. If your communication service provider or your IT department assure you that your firewall provides the security you need for GDPR compliance, they need to take advice. GDPR and MIFID II have conflicting goals, meeting both is a challenge.

Compliance Checks
If your communication service provider or your IT department assure you that your firewall provides the security you need for GDPR compliance, they are probably wrong. UM-Labs R&D and partners will audit to prove the point.

Azure Real-time Communication Cyber Security OS Layer-

Contact us at info@um-labs.com

Be Sure

"Fraudulent activity is one of the many security threats facing IP based real-time communication services. The technology used in 'SNITCH' compliments our RTC Cybersecurity technology and provides a complete security package benefiting both service providers and enterprises" said Peter Cox- CEO and inventor at UM Labs R&D.

> *KPN NGSS as a service' based upon the UM-LABS technology will be available to all KPN Enterprise Market customers for Data in Transit RTC Cyber Security which is now a huge challenge for our customers"*
> *Johan Camps-Director of Consulting at KPN Enterprise Market.*

To control this growing problem, UM Labs R&D have launched 'SNITCH' (Suspicious Numbering in Telephony Call Handling) as a service that can be used by law enforcement and Telecom providers. 'SNITCH' is a real-time communications database, recording details of successful and attempted fraudulent calls and making that information available as a resource to detect and block fraudulent calls in networks, IPPBX systems and UC platforms. The information in the 'SNITCH' database includes details of attempted fraudulent calls on live systems and data collected by a number of global 'honeypots' designed to attract and detect fraudulent activity.

SNITCH forms a clear path to keeping RTC Cyber Security compliant as part of the collaboration and partnerships UM-Labs R&D have developed over the design and innovation using Unicus TM UOS.

"The risk that GDPR will present to organizations when it takes effect in May 2018 will be significant, and having the ability to access, understand and control information of all types will be paramount to managing that risk," said Joe Garber, vice president, Information Management and Governance at Micro Focus. "The missing piece of content to be properly captured, processed, analysed, accessed and stored in the Information Management ecosphere is voice and audio communications. We're thrilled to be tackling this growing problem with UM-LABS R&D."

With UM-Labs we are building a full and integrated real-time IP communication solution, to bring secure and encrypted connectivity to all Unified Communications platforms through our Hoox application and devices. This offer could be provided in a "Platform as a service" model or integrated in a corporate private cloud as needed and will strengthen our customer's compliance & risk management in alignment with EU & US Directives" says Chris Moret, Vice President Cybersecurity at Atos.
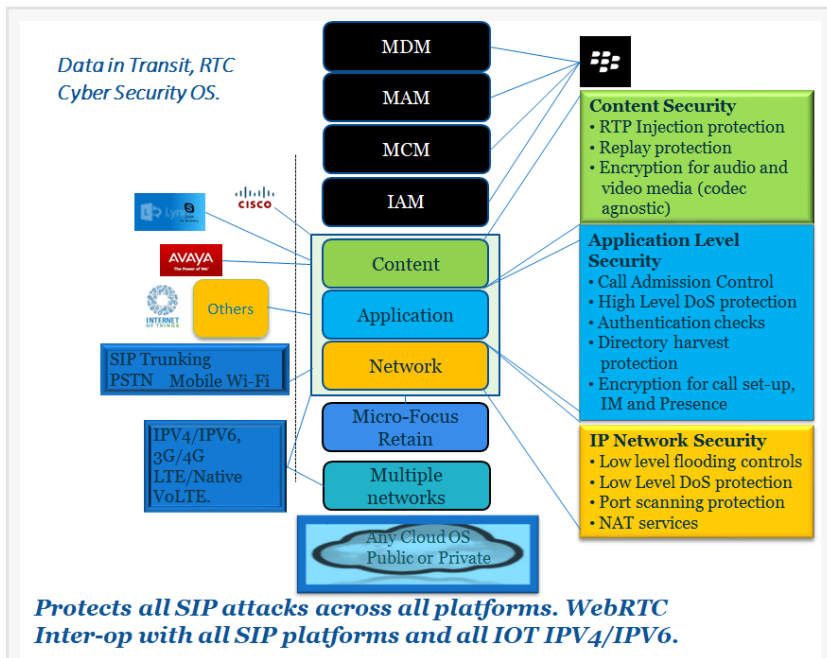
"KPN NGSS as a service' based upon the UM-LABS technology will be available to all KPN Enterprise Market customers for Data in Transit RTC Cyber Security which is now a huge challenge for our customers and it provides a valuable over the top service, enabling detection and blocking of fraudulent voice, video and instant messaging calls, while protecting both our customers and their own bottom line" said Johan Camps-Director of Consulting at KPN Enterprise Market.

For more information, visit: www.UM-LABS.com
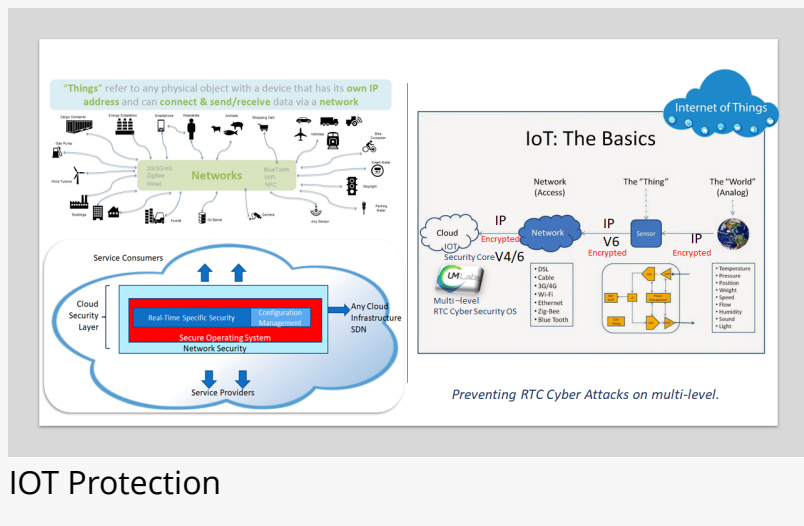

Unicus UOS

IOT Protection

— ENDS —

About UM-Labs R&D Group

"UM-Labs work to protect your business from criminal Interference"
Cyber Security is the fastest growing challenge in today's world of the Internet, everyday 24

hours a day there is a breach, a theft of data, listening on phone calls/video calls, messaging (IM) and even your location. Businesses have in the past tried to control attacks with outdated computing technics and this legacy is set against a back drop of keeping in with the status quo. The thirst for internet content and the fast-growing use of Cloud technology increases the volume of criminal cyber-attacks on Video chat, Internet phone calls, IM and location. Over 234 million people use these communication services in business every day, a 21st century solution is required to protect and manage; if not your business is at risk.

There are a number of factors which mean that traditional security technologies, such as those developed to protect email services and web sites, does not address the IoT aspects as we grow to use 50 billion connected devices which need security requirements.

UM-Labs are a creative and advanced R&D company with experts in compute security software design, smart mobile technology and cloud computing.

The cloud solution is a unique UOS layer of real time security software. This protects and encrypts Internet communications across all of the cloud variants, it is easy to install and scales to thousands of users from one virtual server, compliant tested and certified customer reference sites in Europe and the US.

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