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UM Labs Launch RC-2100 delivering security for SIP Trunks and remote users

London, UK – April 30th 2008 - UM Labs Ltd, announce the release of a range of dedicated security gateways designed to deliver effective security for Voice over IP (VoIP) and related applications based on the Session Initiation Protocol (SIP).

UM Labs' first product release, the RC-2100, <http://www.um-labs.com/rc2100.html>, is aimed at organisations running SIP trunks and providing VoIP connections for remote users. The RC-2100 will be available from May 2008. The next product release, scheduled for mid 2008 will provide scalability supporting up to 1,000 concurrent calls.

The use of SIP trunks as a flexible alternative or a supplement to a standard phone line is growing; as is the provision of VoIP services to home workers. The driving force behind this growth is the realisation that this technology enables users to connect to the corporate phone network with the same flexibility that we have come to expect from email. The downside is that VoIP applications and protocols are open to a wider range of security threats than email and other IP applications, and if security controls are not in place then those threats can have a greater impact on VoIP networks.

Many of the threats faced are specific to VoIP's underlying protocols and to VoIP applications. These threats simply cannot be addressed with standard firewall technologies. For these reasons, VoIP networks can only be fully protected with security gateways that are designed specifically to work with the underlying protocols.

Each of the UM Labs products provide the security controls needed to address those VoIP specific threats and also include the facilities needed to address the deployment challenges. The security controls include protection against protocol level threats, which can disrupt a VoIP system or lead to complete system failure and protection against content VoIP messages content threats. Left unaddressed, content threats may lead to the loss of confidentiality and integrity of voice calls, video calls and related applications.

Peter Cox, CEO of UM Labs commented: "There is a pressing need for effective security gateways for VoIP applications. The limitations of standard firewall technology not only hinder the effective deployment of VoIP but also raise the real danger that in an effort to support VoIP the firewall will be forced into a configuration that exposes both the voice and data networks to an elevated risk. The products from UM Labs fulfil this need, simplify the adoption of VoIP and enable organisations and individuals to benefit from the technology, safe in the knowledge that both Voice and data networks remain protected."

Confidentiality and integrity are protected by a range of encryption protocols covering both call setup and the subsequent conversation or video conference. The encryption technologies used include Phil Zimmermann's ZRTP.

Phil Zimmerman, creator of PGP and designer of ZRTP commented: "I am delighted to see that UM Labs are supporting ZRTP in their first product release. The RC-2100 is the first gateway to implement the protocol. This implementation will simplify the adoption of ZRTP and takes us a step closer to the point where ZRTP provides the VoIP community with the same level of security and privacy that PGP provides for email".

About UM Labs Ltd

UM Labs delivers a range of application level security gateways for VoIP and Unified Messaging. These gateways are designed to provide security controls targeted at the range of threats that affect VoIP and UM applications, exceeding the capabilities of standard Firewalls. UM Labs product range also provides a realistic and cost effective alternative to Session Border Controllers (SBC).

UM Labs founders include Peter Cox, formerly co-founder of Internet Security Specialist Borderware Technologies. While at Borderware, Peter contributed to the design of the Borderware Firewall Server, one of the first commercial Firewall products and to the company's MXtreme product, an application level security gateway for email. Peter was also responsible for the project, which gained a total of 3 Common Criteria EAL4+ certifications for Borderware's products.

For the past two years, Peter has focused on researching VoIP security issues and has written a number of white papers including a survey of the threats facing VoIP applications and a discussion on the ability of standard firewalls to address each of these threats.

For more information, please visit our website, <http://www.um-labs.com/>

About Phil Zimmermann

Philip R. Zimmermann is the creator of Pretty Good Privacy, an email encryption software package. Originally designed as a human rights tool, PGP was published for free on the Internet in 1991. This made Zimmermann the target of a three-year criminal investigation, because the government held that US export restrictions for cryptographic software were violated when PGP spread worldwide. Despite the lack of funding, the lack of any paid staff, the lack of a company to stand behind it, and despite government persecution, PGP nonetheless became the most widely used email encryption software in the world. After the government dropped its case in early 1996, Zimmermann founded PGP Inc. That company was acquired by Network Associates Inc (NAI) in December 1997, where he stayed on for three years as Senior Fellow. In August 2002 PGP was acquired from NAI by a new company called PGP Corporation where Zimmermann now serves as special advisor and consultant. Zimmermann currently is consulting for a number of companies and industry organizations on matters cryptographic, and is also a Fellow at the Stanford Law School's Center for Internet and Society. He was a principal designer of the cryptographic key agreement protocol for the Wireless USB standard. His latest project is Zfone, which provides secure telephony for the Internet.

For more information, please visit Phil's web site, <http://philzimmermann.com/>