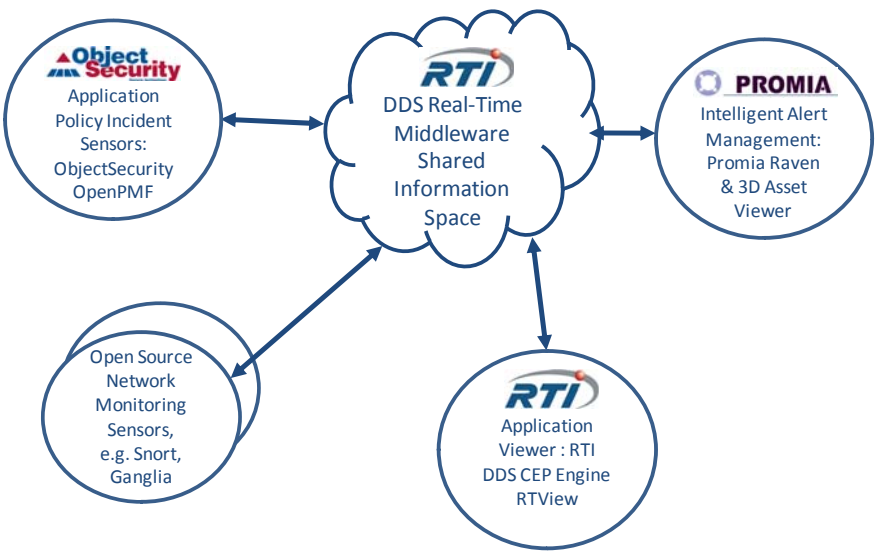
Press Release

Press Release – Success Story: U.S. Air Force Project Provides Advanced Security Protection for Distributed Systems

(Palo Alto, CA, USA, and Sunnyvale, CA, USA, 09 July 2009) – ObjectSecurity today announced the successful completion of a U.S. Air Force Research Laboratories (AFRL) Small Business Innovation Research (SBIR) phase 1 project (AF073-029), which was primed by their partner Real-Time Innovations (RTI), The Real-Time Middleware Experts. The project, entitled "Proactive Determination of Networked Node Vulnerability," addresses a pervasive need for improved tools to actively seek out weaknesses in network security before and during a security intrusion event. It was integrated with the U.S. Department of Defense (DoD) vision for its next-generation Global Information Grid (GIG) network infrastructure.

The objectives of the project were to automate vulnerability scanning of network nodes and Data Distribution Service (DDS) standards-based applications, analyze the impact these vulnerabilities have on the network and communicate the resulting information to other nodes and users for appropriate responses. To address these requirements, RTI integrated a number of innovative features that provided a substantial capability within a very short timeframe and with reduced cost.



RTI chose ObjectSecurity OpenPMF 2.0 because of its unique policy-driven application incident monitoring capability for DDS. OpenPMF policy enforcement and incident monitoring had previously been integrated with RTI's implementation of DDS as part of another U.S. Navy SBIR project.

In addition to providing application policy enforcement and incident monitoring, OpenPMF uniquely enables the automatic generation of fine-grained technical security rules (authorization, incident logging / reporting etc.) for many commercially available middleware platforms such as RTI's. OpenPMF co-installs within state-of-the-art application development suites (e.g. based on open source Eclipse) to provide a seamless look and feel both for policy generation and runtime incident monitoring.

OpenPMF logically extends the network layer intrusion detection systems (NIDS) by covering application policy based incident monitoring on the application layer. OpenPMF centrally displays incidents within its own GUI, and exports incident alerts into the DDS shared information space. It can also directly send alerts to Promia Raven.

The project outcome is ground-breaking because it combines both network intrusion prevention and policy-driven application layer intrusion prevention in an integrated solution, which firstly ties in with state-of-the-art application development platforms and tools, and which secondly supports the agility of today's complex, interconnected, rapidly evolving IT landscapes.

ObjectSecurity LLC Plug & Play Tech Center, 530 University Ave, Palo Alto, CA 94301, USA,
Tel. +1-650-515-3391, Fax +1-360-933-9591

ObjectSecurity Ltd St John's Innovation Centre, Cowley Road, Cambridge CB4 0WS, United Kingdom
Tel: +44 (0) 1223 420 252, Fax: +44 (0) 1223 420 844

info@objectsecurity.com www.objectsecurity.com

Press Release

ABOUT OBJECTSECURITY – ObjectSecurity is a leading specialist for IT security, middleware, information security policy management, and model-driven security. Apart from offering security regulatory compliance services (ISO 27000's/ITILv2, COBIT etc.), ObjectSecurity offers leading-edge consulting and products in the areas of model-driven security, security policy management, Service Oriented Architecture (SOA) security, regulatory compliance management etc. ObjectSecurity's solutions traceably aligns business-led security compliance and concrete IT security enforcement. ObjectSecurity's OpenPMF2.0™ IT security policy management product significantly simplifies security policy management thanks to its innovative model-driven security approach. It reduces cost/effort, aligns business and IT, enables secure IT agility, and enhances security. OpenPMF also includes multi-platform enforcement and monitoring. It offers far better flexibility and manageability than traditional identity management and authorization management solutions. OpenPMF 2.0 has already been included in several other US DoD projects. Other projects include a distributed virtual reality simulation toolkit, and several secure middleware platforms.

ABOUT RTI –Real-Time Innovations (RTI) provides high-performance messaging and integration infrastructure for distributed real-time applications. RTI is the leader in the rapidly growing market for Data Distribution Service (DDS) compliant middleware. A broad range of industries leverage the company's software and design expertise, including defense, intelligence, simulation, industrial control, power generation, transportation, finance, medical, and communications.. Founded in 1991, RTI is privately held and headquartered in Sunnyvale, CA. For more information, please visit www.rti.com.

RTI's Consulting Services provides the talent to meet the challenges of developing complex networked applications. The team of highly trained and specialized engineers have been helping customers develop a broad range of data-critical applications for more than a decade. Building upon RTI's market-leading products, RTI Consulting Services provides customers an important head-start and a competitive edge, helping mitigate project risk, increase productivity and deliver quality on a shorter schedule. Services include architecture and design consulting, system integration, custom development, and industry leading training and support. Their track record of timely delivery, in-depth understanding of market and technology dynamics, and extensive experience in design, integration, training and support make RTI Consulting Services a valuable partner to clients worldwide.

PR CONTACT

Dr. Ulrich Lang, ObjectSecurity, info@objectsecurity.com, www.objectsecurity.com,
Tel: +44 1223 420252/+1-650-515-3391, Fax: +44-1223-420 844/+1-360-933-9591

Melanie Gill, Real-Time Innovations, melanie@rti.com, www.rti.com
Tel: 480-990-7460

FURTHER INFORMATION

http://www.rti.com/company/news/USAF-Security-Protection.html
http://www.dodsbir.net/solicitation/sbir073/af073.htm
http://www.objectsecurity.com/doc/20071019-openpmf-dds.pdf