

## BEinGRID Security Meeting

*Last week, BT Innovate's Centre for Information and Security Systems Research (CISSR) based at Adastral Park was the host to a week-long security training organized by BEinGRID, the largest European collaborative research investment in the IST area. Trainers from Axiomatics, Vordel, and BT got together to deliver a 3-day training session on core security components that deal with federated identity management & brokerage, access control, secure policy enforcement, and in-the-cloud XML security. The training days were followed by a half-day series of talks on SOA security.*

BEinGRID is developing reusable design patterns, middleware components and services - called "common capabilities" that are being validated in several business experiments in different market sectors. BEinGRID common capability development covers several areas including VO Management, Service Management, Data Management and Security. In the latter area, BEinGRID focuses on three capabilities able to deliver identity brokerage & federation management; authorization & access control; policy enforcement, XML security processing, & secure WS exposure.

David Brossard, a Senior Security Researcher at BT Innovate's CISSR, BEinGRID Security Theme Leader, and host of the training week, delivered a half-day training on the Security Token Service, a prototype federation manager & identity broker geared towards grid & distributed computing. The prototype was developed throughout the TrustCoM and BEinGRID projects and is currently available for download from BEinGRID's dissemination site, Gridipedia (<http://www.gridipedia.eu>). Erik Rissanen, CTO Axiomatics AB, and lead author of the XACML 3.0 draft at OASIS, delivered a 1/2 day training on Axiomatics's Authorization Service and on the underpinning policy language, XACML, which enables variable-grained rule-based access control. It also brings key features such as decentralized administrative delegation and obligations. More information can be found at <http://www.gridipedia.eu>.

Lastly, Ian Marsh, Security Solution Architect at Vordel, delivered a 1 1/2 days training session on Vordel flagship product, the Vordel XML Gateway. The Vordel XML Gateway performs application networking by routing traffic based on content, based on sender, and performing XML content screening. XML data is converted on the fly between formats. As such it is a commercial and advanced example of BEinGRID's Policy Enforcement Point (PEP) capability. More information at <http://www.gridipedia.eu>.





There was a varied attendance with 15-20 attendees from a wide range of companies (BT, IT Innovation, University of Vigo, Axiomatics...) and it was the perfect opportunity to further discuss BEinGRID scenarios and business experiments' needs.



From left to right Dr. Babak Sadighi, CEO, Axiomatics AB; Richard Mooney, Product Manager, Vordel; Dr Theo Dimitrakos, Head of Security Architectures, BT Innovate

The training days were followed by a 1/2 day series of talks open to the wider community at BT Innovate. Ben Azvine, head of CISSR at BT Innovate introduced the series with an overview of the research being done in the centre. The talks were delivered by Babak Sadighi, CEO Axiomatics AB; Richard Mooney, Product Manager, Vordel; and Theo Dimitrakos Head of Security Architectures, CISSR & BEinGRID Technical Director. They addressed the current state of the art of SOA security and their vision for the coming years. The talks were followed by a Q&A session during which presenters and audience got to exchange their views on SOA and its security implications.

For more information on CISSR, please check <http://labs.bt.com/cissr/>.

For more information on the Security Architectures Team, please check <http://labs.bt.com/cissr/Groups.html#SAR>.

For grid & distributed computing resources please check <http://www.gridipedia.eu>.

For more information on Axiomatics please check <http://www.axiomatics.com>.

For more information on Vordel please check <http://www.vordel.com/partners/beingrid.html>

**Further information on BEinGRID can be found at [www.beingrid.eu](http://www.beingrid.eu)**

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