Jani Lehtinen

Magister Solutions
http://www.magister.fi

Bilateral Meetings

- 02.03.2015 Monday (13.05h - 15.10h)
- 03.03.2015 Tuesday (13.10h - 15.15h)
- 04.03.2015 Wednesday (11.05h - 13.10h)

Description

Magister Solutions provides reliable and secure wireless communication and technology R&D solutions in a world where every device and network can be expected to be hostile and compromised. We utilize internationally recognized state-of-the-art simulators & test-beds, training, advisory and high end software development to provide our customers solutions and products that we are proudly to offer. Main services and products are divided into:

1. Resources, advisory and R&D on wireless systems
2. Simulator, emulator and test-bed tools for mobile, WiFi and satellite systems
3. Secure communication and situational awareness software - Secapp
4. Infrastructure and work management software - MDO
5. Software development for performance critical systems to scalable cloud and mobile services

For more information visit www.magister.fi, www.versine.fi and www.secapp.fi

Organization Type

Company

Organization Size

26-50

Founding Year

2005

LinkedIn

http://fi.linkedin.com/in/janijlehtinen

Areas of Activities

SOFTWARE/INTERNET

1. Application development
2. Data analysis
3. Messaging
4. Mobile security systems
5. Network operating software

SERVICES/OTHERS

1. Business support systems
2. Device management
3. Education and training
4. Managed network services
5. Network Management
6. Network planning and design
7. Operational support systems
8. Systems integration

Offer

Simulator, emulator and test-bed tools for mobile, WiFi and satellite systems

We are professionals to design, implement and maintain software based simulators modeling real world wireless system behavior, interactions and protocols in detail. We offer both customer own (proprietary) tool development but also offer and adapt our own tool for customers. Our own tool is based on open source NS3 platform. Our NS3 based simulator has capabilities to be run in emulator mode as well (i.e. test real applications). Simulator has been developed together with ESA to get unified tool for the space industry in addition serving the needs of terrestrial communication. Key features include:
- Detailed radio interface and higher layer protocol design, incl. DVB-RCS2 and DVB-S2
- Supports and models full satellite system in detail , incl. satellites, UTs, GWs, NCC and variety of different scenarios
- Supports multi-RAT simulations, i.e. LTE + satellite systems.
- Packet-based with detailed higher layer protocol implementation
- Modular and flexible implementation which enables extending the functionality to customer specific needs, such as LEO satellite support.

See following videos to get a preview on our simulations expertise:
- https://www.youtube.com/watch?v=LIPUHyXHszo&feature=youtu.be
- https://www.youtube.com/watch?v=5SZgMyribXE&feature=youtu.be

For more information visit http://satellite-ns3.com and www.magister.fi

Keywords: 3G LTE simulator satellite wireless software 4G
Cooperation Offered

1. Outsourcing co-operation
2. Technical co-operation

Offer

Secure communication and situational awareness software - Secapp

Secure Communication App (Secapp) is a tool for secure communication in a world where every device and network can be expected to be hostile and compromised. Powerful technologies, SSL-secured communication, AES-256 content encryption and active threat analysis makes it possible for us to proudly offer you a messaging system where your messages are truly secure. System utilizes location information in giving opportunities delivering messages and alerts to any given area, individual or group via multiple different delivery channels. In addition, the system provides full situational awareness picture via quick reply mechanisms allowing to not only to deliver messages but also oversee and manage different operations.

Solution has been used by Finnish Police, public schools, emergency response personnel and it was also used in the Olympic Games in 2014. In addition the solution won the Finnish Chamber of Commerce Cyber Security Track award during spring 2014 where Secapp was evaluated by judges from Airbus Defence and Space, telecom operator Elisa and Nordic wide bank called Nordea. Some of the key features of the solution include
- SSL secured messaging and AES-256 encryption for the content.
- Messages can be delivered to any location, group or individual.
- Delivery channels can be selected per message. These include dedicated smart phone applications, SMS, emails and social media services.
- Automated language support for message content which allows delivering content for each user with their own language.
- Message templates that can be used to have pre-inputted instructions and message content for any given situation per company policies, for instance.
- Automated situation awareness picture per sent message via quick reply mechanisms.
- Map based view for visualizing user positions and allowing messages be sent directly from map view when location tracking is allowed by the user.

For more information visit www.secapp.fi

Keywords: messaging secure tracking communication saas
Cooperation Offered

1. License agreement
2. Technical co-operation

Offer

Infrastructure and work management software - MDO

MDO is cloud and mobile based tool for infrastructure, documentation and work force management. Currently the solution is in use with one of the biggest Finnish telecom operators, called DNA. They manage their whole wireless mobile network inventory, roll-outs and documentation with our tools. Tools consist of cloud based portal and mobile app that exchange the information right from the field to the office.

What we promise with our tools:

- Real time documentation

- Faster deployment times,

- Shorter billing cycles,

- Higher quality and lower costs and

- Reduced lost/misplaced equipment.

You can achieve that with MDO via secure and real-time information visibility, exchange, traceability and automated documentation. To put it simply, our tools offer:

- MDO HUB - Cloud based service for managing fully customizable infrastructure and asset data. Tools to manage and send work orders directly to a mobile client when needed. Cost, project and order management modules supporting single and multivendor environments.

- Communication between MDO Hub and MDO mobile by using commercial mobile or Wi-Fi network with SSL secured connections

- MDO Mobile - Secure app for viewing infrastructure data, completing work orders and on-site work documentation

- All assigned tasks can be completed offline if necessary and data can be synchronized back to MDO Hub when better connections are available

For more information visit http://versine.fi/#mdo

Keywords: work management Infrastructure software mobile documentation saas cloud
Cooperation Offered

1. License agreement
2. Technical co-operation

Request

Reseller or partner for cloud-based messaging system

We are looking for a reseller or partner who could help us bring our cloud-based messaging system available all over Europe.

See more www.secapp.fi

Keywords: reseller partner europe mobile saas software
Cooperation Requested

1. Sales / Distribution

Request

Reseller or partner for mobile documentation, operative infrastructure and work management system

We are looking for a reseller or partner who could help us bring our cloud-based messaging system available all over Europe.

See more http://versine.fi/#mdo

Keywords: mobile saas work management infrastructure cloud documentation
Cooperation Requested

1. Sales / Distribution