

What's Up MÄK

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VT MÄK Reduces Operator Workload and Increases Development Productivity at I/ITSEC 2013

MÄK demonstrates how it's making training easier, more capable, and cost effective



Join us at booth #1225!

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Join us at I/ITSEC 2013 booth #1225 as we demonstrate how to reduce operator workload and increase development productivity through our complete line of industry-renowned simulation software.

MÄK product kiosks will feature:

- **Re-energized simulation behaviors** – Experience our powerful and flexible Computer Generated Forces (CGF) platform, VR-Forces, as it quickly and easily fills synthetic environments with urban, battlefield, maritime, and airspace activity. You will see some of VR-Forces' newest capabilities, including reactive behavior, more realistic ship and submarine maneuvers, and support for naval electronic warfare environments.
- **Amped up visual capabilities** – MÄK's visualization suite, VR-Vantage, will display a full maritime environment, including a realistic and dynamic ocean layer with complex wave/sea state models. Learn how to incorporate sea swells, wind waves, and capillary waves both above and below water to their scenarios, as well as top-notch boat rocking models, realistic kelvin wakes, propeller wash, rotor wash, and rolling surf.
- **An expansion of interoperability platforms and protocols** – We are showcasing our entire HLA Evolved supported product line, continuing our dedication to simulation interoperability. We will also demonstrate how the MÄK WebLVC Server and the MÄK WebLVC Suite put the web to work for M&S to create interoperable web applications.
- **Battle Command, MÄK's low overhead Command Staff Trainer** – Battle Command empowers users to plan and fight the battle within a compelling simulated environment, as well as stimulate a variety of Command and Control systems, including TACP CASS, JADOCs, and C2PC via protocols like Cursor-on-Target or Link-16. It applies MÄK's core competencies to solve customer program requirements.

At I/ITSEC 2013, MÄK will unveil...

This year we will unveil our Training System Demonstrator, which uses our complete line of simulation software and lightweight web technologies to create a training system environment to suit both student and instructor training scenarios. Visitors can use the training system demonstrator to play the role of training instructor or task group commander, set in our maritime training environment. The demonstrator includes all critical components of a training system including: custom high fidelity interfaces tailored to the specific needs of the student; light-weight role-player stations to cost effectively add part-task training; easy-to-use scenario authoring and powerful AI to generate rich and compelling simulated environments; informative visual presentations to maintain situational awareness, analyze training activities, and tell the scenario's story; and innovative web-based instructor apps to control and dynamically influence the training exercise and to automate compelling presentations. 🌟

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Join MÄK at these I/ITSEC events!

- **The Evolution of Interoperability** – Tuesday, December 3, 10:30am - 12:00pm; Rosen Centre, Salon 1
This informational seminar, presented by Felix Rodriguez, VT MÄK's Link Team Lead and interoperability expert, will enumerate the current status of the major interoperability standards in our industry and what they'll look like moving forward.
- **"Connect the Dots" Networking Event** – Tuesday, December 3, 4:30-6:30; Orange County Convention Center, Booth #1225
Everyone at I/ITSEC is invited to attend MÄK's "Connect the Dots" beer networking event.
- **Innovation Showcase: WebLVC** – Wednesday, December 4, 2:45pm; Orange County Convention Center, Booth #2389
Join Len Granowetter, VT MÄK's Vice President of Products and Solutions, as he presents MÄK's WebLVC Initiative, including the WebLVC protocol, the MÄK WebLVC Suite, and MÄK WebLVC Server. Learn how MÄK is building on our history of interoperability expertise to bring Live, Virtual, and Constructive Simulation to the Web.
- **GEOINT at I/ITSEC** – Wednesday, December 4, 1:00pm-3:00pm; Orange County Convention Center, Warfighters' Corner, Booth #2781
Join MÄK and members of the US Geospatial Intelligence Foundation (USGIF) Modeling and Simulation Working Group and the Open Geospatial Consortium (OGC) as they showcase their ongoing strategic partnership to advance the use of agile geospatial data sharing and to demonstrate the benefits to both the M&S and GEOINT communities. MÄK's VR-Forces will model shipping traffic as it contends with an oil spill. ExactEarth will provide the AIS ship tracks to seed the VR-Forces simulation and Envitia will generate an oil spill plume using data from NOAA, DigitalGlobe, Compusult, and other sources of web-served data. VR-Forces will dynamically re-plan shipping traffic around the oil-contaminated area. If you can't make it to the demo, visit the USGIF and OGC booth #2392, where you can discuss the technology and open standards behind the demos. Also come by our booth (#1225) to get a full presentation of our technology and products!
- **The WebLVC Protocol: Design and Rationale** – Thursday, December 5, 9:30am; Orange County Convention Center, Room S320A
Len Granowetter will provide an introduction and technical overview of the WebLVC protocol – a mechanism for encoding simulation data in the JSON (JavaScript Object Notation) format, and passing the resulting messages between web-based client applications and servers over WebSockets.

Limited Time Offer!

WebLVC + VR-TheWorld = Immediate Savings

Now through **December 19th, 2013**, we are bundling VR-TheWorld, MÄK's streaming terrain server, with the MÄK WebLVC Suite, a collection of web-based applications that can interact with existing simulations or be a platform for new applications. This bundle gives you ready-to-use thin clients, like a browser-based 2D/3D observer and a lightweight call-for-fire application. Don't let this offer pass you by – contact us today at info@mak.com.

MÄKer Spotlight: Brian Domian



General Manager, Orlando & Southeast Operations

Meet Brian Domian, MÄK's General Manager of Orlando & Southeast Operations. As General Manager, Brian is responsible for creating and maintaining relationships with industry partners and government entities as well as managing our brand new office in Orlando.

Mr. Domian's past experience includes Saab Training USA Director, L3 Communications Director of Business Development, Tec-Masters Inc Director of Business Development & Operations, Schwartz Electro-Optics Inc Managing Director of Sales & Business Development, Regional Manager Middle East for Alliant Techsystems, Research Scientist - Threat Analysis Expert for Dalmo-Victor Inc, as well as an United States Air Force Officer. Brian holds a Bachelor of Science in Math & Science from Rollins College.

It's clear to see that Brian is a talented and distinguished guy, but you might not have known that he's flown every single model of the F-4 Phantom II fighter ever operated by the USAF! He also lived in Saudi Arabia for 8 years. He's celebrated New Years in places all over the world including Germany, Saudi Arabia, Hong Kong, Thailand, and the United Arab Emirates. Brian has a daughter named Adrienne, and a son Benjamin who is 3rd generation USAF and is currently deployed in Djibouti, Africa. An avid golfer, Brian enjoys the outdoors and camping in his motor home with his wife of 35 years and 4 dogs. He's also got great aim and enjoys tactical shooting.

We hope we've piqued your interest in our MÄK team! For more info, visit www.mak.com. ☀