

What's Up MÄK

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MÄK's DI-Guy Makes Driving Simulations More Realistic with Intelligent Humans

NADS miniSim driving simulator uses DI-Guy to inject realism into its driving environment



These DI-Guy characters are roaming the streets of Brooklyn.

Want more DI-Guy?

Check out more of our
awesome human characters.

The recent holiday season marked the **one-year anniversary** of DI-Guy joining the MÄK team – and what a year it has been! From increasing DI-Guy **performance and ease-of-use**, to developing new ways to control characters, to building more realistic character simulations, and to creating much **more content out-of-the-box**, 2014 has been the year of DI-Guy.

With such a strong year in the records and such a strong product on the shelf, it makes sense that the **National Advanced Driving Simulator (NADS)** trusts **DI-Guy's human character simulation** in its NADS miniSim™ driving simulator.

NADS' miniSim, located at the University of Iowa, is a high-performance driving simulator used for research, development, clinical, and training applications by universities and organizations around the world. The core software is based on the state-of-the-art technology developed over decades for the world-famous NADS-1 and used at the premier driving simulation facility.

When challenged with adding high-fidelity human characters and behaviors to its simulations, NADS chooses DI-Guy humans; they make the driving environment more realistic by becoming part of the simulation's surroundings, like buildings, trees, and street furniture (like bus stops and traffic signals). DI-Guy simulated humans also provide both normal and unpredictable traffic interactions like a person crossing the street, or a child running into the street while chasing a basketball.

"Our goal from day one has been to deliver the most realistic driving simulation capability to our customers," said Andy Veit, miniSim Program Manager at NADS. "DI-Guy enables users to populate the driving environment with realistic pedestrians and enhances our ability to orchestrate compelling scenarios."

DI-Guy humans simulate motions and behavior in real-time and allow users to rapidly populate simulation scenarios with intelligent characters, which can be played into scenes over a network. DI-Guy characters know how to find their way around an environment, can respond to other entities in the simulation, and make seamless transitions from one activity to the next, all while moving naturally like real people.

MÄK is honored to be a part of the NADS miniSim project. We can't wait to be a part of yours in 2015. If you have questions, concerns, or comments, let us know at info@mak.com! 🌸

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Thales chooses the MÄK RTI to achieve HLA Evolved and HLA 1.3 compatibility

VT MÄK and Antycip Simulation to Provide Thales with the MÄK High-Performance RTI in a Multi-Year Corporate-Wide Agreement

VT MÄK, Antycip Simulation, and Thales have entered into a multi-year corporate-wide agreement to provide the MÄK RTI to Thales. Using the MÄK RTI, Thales will provide High Level Architecture (HLA) Evolved and HLA 1.3 compatibility to their range of simulations for training, experimentation, and demonstration.

The MÄK RTI is a proven solution that enables HLA federations to rapidly and efficiently communicate. It has been chosen for both large and small federations because of its support for a wide variety of network topologies and architectures, ease of configuration, high performance, and its range of supported platforms.

MÄK's first HLA certification came in 1998 and since then, the company has been on the leading edge of developing and implementing the standard. MÄK's tools and services have helped hundreds of organizations around the world comply with multiple standards including HLA, DIS, and DDS.

"We're thrilled that Thales has decided to enter into this contract with the MÄK RTI for years to come. Large-scale simulation federations need a powerful solution they can count on for their exercises," said Dan Schimmel, CEO of MÄK. "As a longtime market leader and innovator, VT MÄK is committed to working closely with our customers and improving the usability and performance of this product." 🌸



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Let's keep the conversation going –
Follow us and say hi!*

MÄKer Spotlight: Team VT MÄK at the I/ITSEC 5K!

Our I/ITSEC 5K team raised the most money for Operation Give Back and the I/ITSEC STEM Initiative!



Instead of highlighting just one outstanding member of MÄK, we wanted to point out several MÄKers who have proven to be true MÄK stars. From right to left, our stars include Pete Swan, Bob Holcomb, Jean Giglio, Deb Fullford, Danny Williams, Alessandro Raiteri, and Iván Andrés Díaz López.

These seven MÄKers participated on Team VT MÄK to run the I/ITSEC 5K "Run/Walk/Roll" – this 5k was no joke as it started bright and early at 6:45 am on the longest day of I/ITSEC! With the help of our entire company, Team MÄK raised the most money for the Operation Give Back charity and the I/ITSEC STEM Initiative!

To see more fun action shots from the 5k, check out our [I/ITSEC 5k](#) blog post!

We hope this piques your interest in our community here at VT MÄK. Stay tuned to the [MÄK blog](#) and [Twitter](#) for more updates from us! 🌸