# MÄK **TECHNOLOGIES**

## THE COMPANY

MÄK Technologies develops software to link, simulate and visualize the virtual world. We create tools and toolkits for distributed simulations, develop PC-based military tactical trainers, craft custom solutions, and research and develop the latest simulation technologies.

We build commercial off the shelf simulation tools and toolkits that are flexible, portable and supported. Whether you choose our best-selling networking toolkit, VR-Link or our computer generated forces toolkit, VR-Forces, you have purchased a product backed by the industry's leading distributed simulation experts.

MÄK leverages our toolkits to develop affordable, PC-based military tactical trainers under the brand name SIM*inter*NET. These Intermediate Desktop Simulation trainers allow students to be immersed in realistic wartime scenarios, giving them the opportunity to plan the battle, fight the battle, and evaluate battle decision-making.

MÄK also applies our expertise to provide custom simulation solutions including tailored product enhancements and custom synthetic environments. Our company's work includes research and development in networking, graphical user interfaces, display management, applied artificial intelligence, distributed computing and 3D graphics.

In 1990, Warren Katz and John Morrison left Bolt Beranek and Newman's SIMNET project team to found MÄK. Their experience developing the first low-cost, networked 3D simulators led them to found a company that would challenge the way the Department of Defense did business. They created an employee owned software company based in Cambridge, Massachusetts. MÄK's primary users are in the defense industry, though the company's products and solutions are applicable to anyone with a distributed simulation requirement. Our worldwide customers include ITT Industries, Boeing, Lockheed Martin, Raytheon, Tenix, Dassault and BAE.

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## THE PRODUCTS

- **MÄK VR-Forces** – The complete simulation toolkit
- **VR-Link** – The world's leading simulation networking toolkit
- **MÄK Stealth** – 3D information station for the networked virtual battle
- **MÄK Data Logger** – Recording and review system
- **MÄK PVD** – Interactive real-time tactical map
- **MÄK RTI** – The High Performance RTI
- **MÄK Gateway** – DIS to HLA translator

We believe

- Our tools should be flexible enough to work together, but not be reliant on each other in unnecessary ways
- That for a developer, the ease with which you can extend or override built-in functionality is as important as the breadth of out-of-the-box features
- A product's not useful if it's not on your platform
- Software is nothing without expert technical support

## SIM*inter*NET IDS TRAINERS

MÄK has worked with the United States military to develop a suite of affordable Intermediate Desktop Simulation (IDS) trainers. Each of these military tactical trainers was developed in conjunction with the end users to ensure doctrinal correctness.

These trainers are an affordable, low-overhead, PC-based solution for staff and tactics training. IDS trainers allow the student to explore current and future combat operations, hone decision-making, broaden tactical skills, and to better understand the impact of logistics support on tactical operations. Training exercises conducted using IDS trainers serve as an effective preparatory method to maximize live training experience in the field.

## ENGINEERING SIMULATION SERVICES

MÄK Technologies' Engineering Simulation Services provides the experience of MÄK's engineers to resolve your technical challenges, from the most difficult obstacle to mundane tasks. We leverage MÄK's engineering expertise and product line to network simulators, provide complete synthetic environments and develop customized tools.

MÄK is on the forefront of R&D in distributed simulation, with current research into human behavior and CGF models, C4I stimulation, and display management.

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Flexible - Portable - Supported