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## **DI-Guy Integrated into Russian MARS-500 Scientific Experiment**

*Virtual Exploration of the Martian Surface program uses DI-Guy characters and embedded behaviors*

**Waltham, MA., April 14, 2011** – DI-Guy, the world’s leading supplier of software for realtime human simulation, announced the use of DI-Guy characters and embedded behaviors on the State Scientific Center of the Russian Federation – Institute for Bio-Medical Problems of the Russian Academy of Sciences MARS-500 research project. The project is building a fully immersive and realistic Martian 3D virtual environment that will be used to conduct physiological and psychological experiments on the members of the Mars surface operations crew.

The joint team of JC Group Ltd and Information Meta Systems Company used DI-Guy tools to develop the realtime simulation application installed at the virtual reality complex. The DI-Guy tools were used to integrate the spaceman characters with specific objectives and embedded behaviors. The virtual environment was created to support the high-level of visual realism and level of detail required to accurately support the crew’s exploratory missions.

*“This system provides a real opportunity to add a significant share of psychophysical stress in the work of the astronaut when he carries out a task outside the takeoff and landing complex, thereby increasing the perception of the reliability of what is happening.”*

**~ Eugene Chernyakov, CEO JC Group Ltd.**

*“This successful integration of DI-Guy characters and behaviors into the MARS-500 research project is an important milestone showing DI-Guy’s versatility and value in realtime human simulation”*

**~Marc Schlackman, Vice President Sales and Marketing DI-Guy**

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DI-Guy is the leader in realtime human simulation and training. The DI-Guy commercial software product line includes:

- DI-Guy SDK – Software library of human characters, motions and high-level behaviors,
- DI-Guy Scenario – 3D visual application for easily creating human-based scenarios,
- DI-Guy AI – Human AI focused on quickly generating hundreds or thousands of autonomous, terrain-aware human characters.

## **About DI-Guy**

DI-Guy is the leading software developer of realtime human visualization, simulation and artificial intelligence. Every DI-Guy software offering comes with thousands of ready-to-use characters, appearances and motions. DI-Guy enables the easy creation of crowds and individuals who are terrain-aware, autonomous and react intelligently to ongoing events. The DI-Guy product line is used by all branches of the U.S. Armed Forces, and by leading organizations worldwide, including Lockheed Martin, Rockwell Collins, Boeing, BAE, RUAG and others.

Please visit [www.diguy.com](http://www.diguy.com) for more information.

## **About JC Group Ltd.**

JC Group provides deliveries of advanced software and equipment for a full cycle of virtual and augmented realities, industrial design, digital cinema and video production solutions, including performing development projects from scratch to reselling COTS software and hardware complexes. 15-years of experience allows JC Group to establish cooperation with leading manufacturers of equipment and to offer reliable solutions, innovational techniques and qualitative service.

## **About Information Meta Systems**

Information Meta Systems was founded in 2010. It is engaged in content creation, simulation, visualization, HMI and virtual modeling for leading customers from aero-space, military and infrastructure development industries in Russian Federation and the CIS.

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