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How about realistic human characters for extraordinary real time simulations?

Boeing and Northrop Grumman use DI-Guy software. BAE and Kongsberg Defence and Aerospace use DI-Guy software. Just to mention a few companies. Why? Because DI-Guy takes real time simulation to a new level.



NORAD and Boston Dynamics has formed a relationship to explore opportunities for using advanced commercial off the shelf (COTS) software to add remarkable life-like humans to real time simulation training for clients within the Danish Defence, Police Force and Emergency Management.

The COTS software developed by Boston Dynamics, named DI-Guy, for adding life-like humans to real time simulation training is a perfect addition to the NORAD toolbox for helping clients within Defense, Police and Emergency Management to deal with the ever increasing complexity of training personnel to protecting humans and assets in an international context, says Klaus Langaard Thomsen, sales manager at NORAD.

DI-Guy can be used as an addition to the classic ground and urban combat training within Defense. In this case organizing training session with real human soldiers of different nationalities, training in real life stress situations can be both cumbersome and expensive to arrange. Hence establishing simulated training situations like this with DI-Guy consisting of defense groups of different nationalities working together to protect humans and assets on missions abroad can be an appealing alternative. DI-Guy comes complete with an

extensive library of 3D human models, artificial intelligence, advanced photorealistic texture and multiple levels of detail to make this kind of training as life like as possible.

In addition DI-Guy can be used for peacekeeping and crowd control training, law-enforcement training (e.g. used for training Police personnel in the correct use of the Taser gun) as well as emergency response training. We see the training issue becoming increasingly important and we are glad to have the opportunity to present a new cost effective and valuable additional tool in the training of personnel for the protection of humans and assets, says Klaus Langgaard Thomsen.



NORAD is very happy to be working with Boston Dynamics on exploring use cases for advanced software tools such as DI-Guy. We do however, also have a keen eye to Boston Dynamics when it comes to advanced robotic systems. NORAD, being a robot solution provider to Danish MoD, follows the research and development done by Boston Dynamics for organizations such as DARPA, US Army, Navy and Marine Corps within advanced robots, very closely. We are clearly inspired by the advanced R&D in robotic behavior, mobility, agility, dexterity and speed done by Boston Dynamics. Elements of these very different robotic solutions are clearly relevant to the NORAD knowledge base on robotics as well as important issues in the discussions and feedback from robot users of NORAD to a R&D robotic company as Boston Dynamics, says Klaus Langgaard Thomsen.

We look very much forward to working with Boston Dynamics and making full benefit of the whole value chain of knowledge from advanced robotics R&D over field use of robotics and training of personnel using advanced software for the protection of humans and assets.

For further information see links below or contact Sales Manager Klaus Langgaard Thomsen on phone +45 20 45 39 99.

Links:

www.bostondynamic.com

www.diguy.com

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