

January  
2019

# What's Up MAK



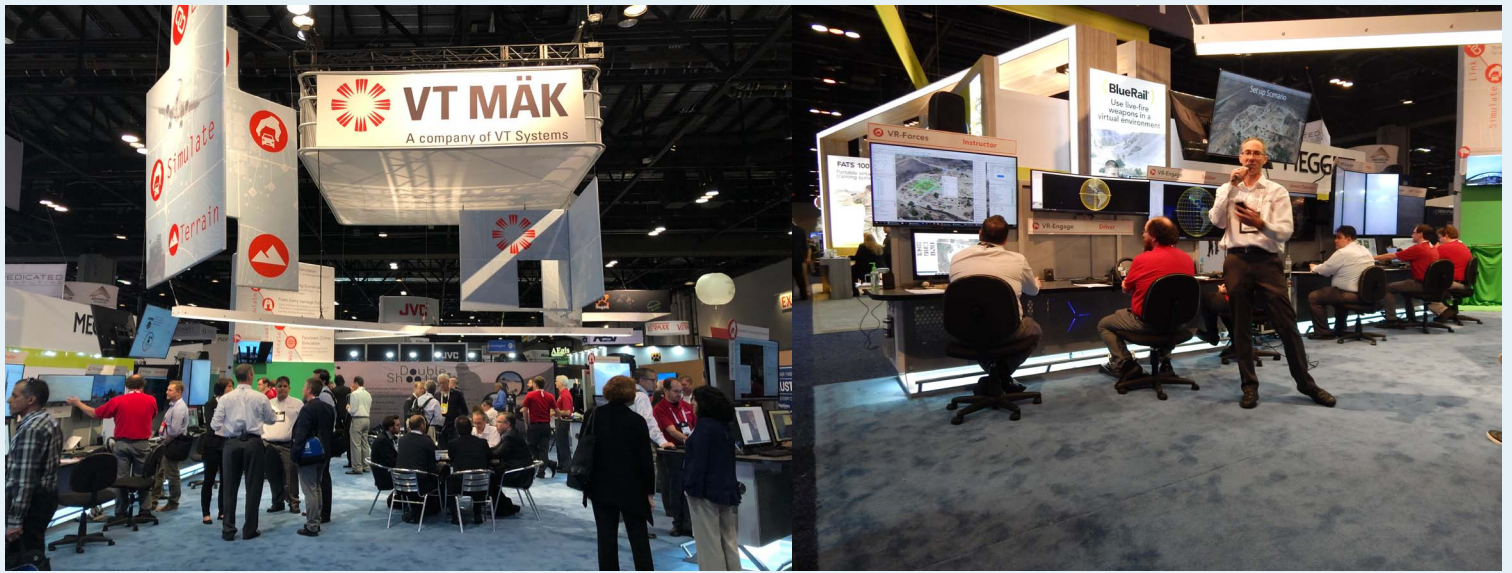
## What a year 2018 has been, and what a year 2019 will be

*Looking back on a great year for MAK, our customers, and our partners.  
Looking forward to making the new year even better.*

2018 was a successful year for MAK, as well as our customers and partners. We attended and exhibited at shows around the world, capped off by another strong showing at I/ITSEC. Our engineers released a slew of important new software with significant performance improvements. Bill Cole joined the team as President and CEO — and that's not even half of what went on this year. As we prepare to flip the calendar over and move into 2019, we wanted to take a minute to look back at the highlights of the year and catch you up on all the developments.

As great as 2018 was, we think we have some even bigger things up our sleeve for 2019. In the coming weeks, we'll be announcing our training and webinar dates, our show schedule, new content, and new software releases. So take a moment with us to look back, and then forward again — the show must go on.

Wishing you a wonderful new year,  
Team MAK



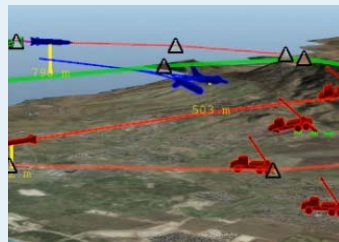
## I/ITSEC 2018

For I/ITSEC 2018, the MAK engineering team filled our booth space with a range of new demos. The core presentation revolved around the **Integrated Training System**, which unites products from across the MAK Suite to deliver a complete training experience. In addition, we introduced a new mixed-reality demo that highlighted MAK's ability to integrate our software into virtual and augmented reality applications. We also kept our traditional product pod setup that allowed customers to take a deep dive into each of our products. Outside the booth, Dan Brockway presented the **MAK Suite Guide to Virtualization** at the Innovation Showcase. To see a wrap-up video of the show, click [here](#).



### VR-Vantage 2.3 / 2.4

VR-Vantage enhances the rendering performance of OpenFlight and MetaFlight terrains. Terrains built by offline tools now take advantage of rendering techniques – Indirect Rendering, Bindless Textures, and advanced Occlusion Culling. More information [here](#).



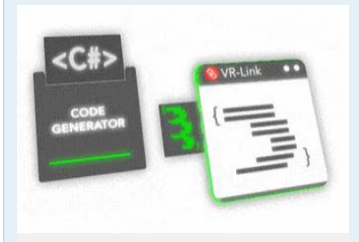
### VR-Forces 4.6

Whether you're looking for custom outcomes for your missile simulations, modeling the electronic warfare battlespace, or engaging in low-light battle scenarios, there are new features that will improve your simulation accuracy in VR-Forces. More information [here](#).



### VR-Engage 1.2 / Sensor Operator Role

VR-Engage adds significant new capabilities, including remote assignment of roles to VR-Engage stations, the ability to interact with simulated control panels and visual interfaces, and improved weapon postures. More information [here](#).



### VR-Link 5.4/MAK RTI 4.5

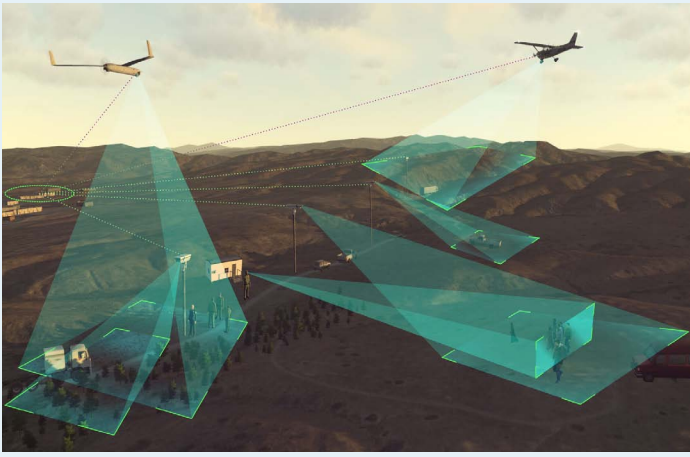
VR-Link adds improved support for DIS 7 extended attributes, code generator support for C#, and an improved Java interface. More information [here](#). MAK RTI focuses on large exercises by making setup easier and more interactive. More information [here](#).



### Bill Cole joins MAK as President and CEO

William E. Cole, Brigadier General (U.S. Army, Retired) comes to us from PEO STRI. Bill joins MAK after completing a distinguished career in the Army, including deployments to Iraq during Operation Desert Storm and to Afghanistan during Operation Enduring Freedom. He held a variety of Program Management positions during his Army career and served in the Pentagon on both the Army Staff and the Office of the Secretary of Defense staff. Cole was the Commanding General of Natick Labs in Natick, Massachusetts, from December 2013 to November 2015. More information [here](#).





### Intelligence, Surveillance, and Reconnaissance Systems

We highlight use cases to show our customers new ways to use our products, or particular scenarios that bring the MAK Suite together in a single system. Our most popular use case of the year was our Intelligence, Surveillance, and Reconnaissance System that centered on the use of VR-Engage and it's new Sensor Operator role. Check out the full use case [here](#).

Or, to view the full library of use cases, look [here](#).



## Defence Academy of the United Kingdom

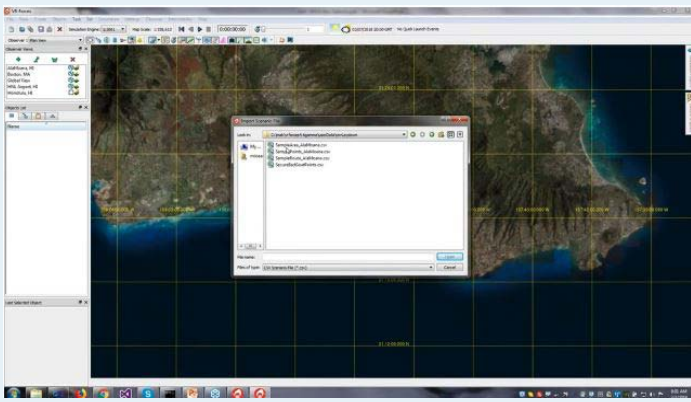
Over twenty years of working together, and still going strong

Over the past two decades, much has changed in the UK MOD defense strategy. This change in policy has sparked a shift in the MOD's needs when it comes to simulation and modeling training. In response, SSEL and the Defence M&S educational programmes have evolved to meet those needs. They have used MAK tools for the entire arc of this evolution, and they have been supported by the strong relationship that exists between Defence Academy, Antycip Simulation, and VT MAK. More information [here](#).



### MAK around the world

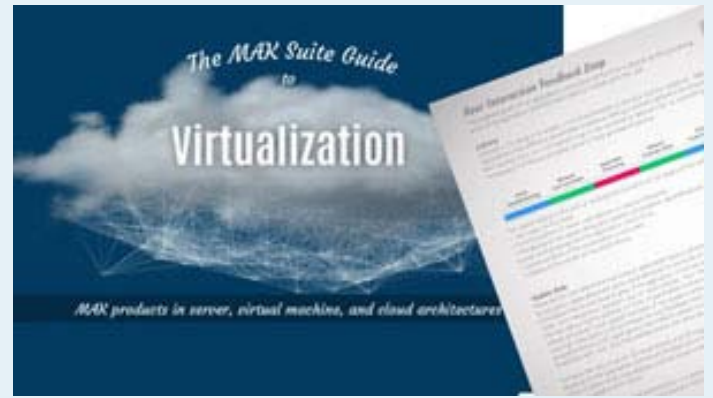
Our sales team travels the world to make sure we are bringing the latest MAK technology to events right in our customers' backyards. In 2018, MAK participated in events in North America, South America, Europe, and Asia. Over the next few weeks, we'll be updating our [events](#) page with the shows we'll be attending in 2019!



## Onsite Training / Webinars

MAK hosts on-site VR-Forces training classes here in Cambridge, and they have been at capacity every time a new one is announced. We will be publishing our calendar of 2019 on-site courses, as well as a host of online webinars to help our customers get the most out of their MAK software.

For more information on our training classes and schedule, as well as videos from past classes, check out our [training](#) page.



## MAK doubles down on the cloud and virtualization

MAK goes out of its way to make sure our customers are making the best use of our tools. To help our customers take advantage of modern IT architectures, we launched the MAK Suite Guide to Virtualization, which is designed to bring customers up to speed on virtual architectures. The story builds from local implementations using desktop computers, through servers that make resources and applications available to multiple users, to virtualization as a way to maximize the use of computer resources, to private clouds that provide the services needed to manage and operate the servers, and finally to public clouds that give access to vast scalability on demand. [Check it out for yourself.](#)



## MAKTV / MAKradio

We relaunched **MAKtv** this year, with an improved interface that provides searchability and the ability to download videos for offline use. We offer a vast quantity of video content, including product overviews, demonstrations, new features of our products, and the latest episodes of **MAKradio**, our conversation-style videos that are also available on **iTunes**. Whether you're experiencing MAK products for the first time or you're a seasoned pro, we have video and audio content to help you grow your skill set.



## RTi Announces partnership with MAK

MAK and RTi will work together to accelerate the adoption of advanced distributed training environments by providing interoperability between the different standards currently used in the underlying simulators and operational systems. These standards include the Data Distribution Service (DDS), widely used in operational systems, and High-Level Architecture (HLA) and Distributed Interactive Simulation (DIS), which are both used in virtual systems. More information [here](#).