

What's Up **MAK**

March 2023

Letter from MAK's CEO

Friends, Customers, Partners,

Just over four years ago, I switched from using simulation software as a Soldier to leading MAK Technologies, one of the industry's longest-running commercial providers of simulation tools and capabilities. I am continually energized by MAK's momentum toward innovating, improving, and serving our customers! Here are a few key themes and trends I've observed during my time at MAK so far.

1. **There is an increased desire for multi-domain simulation.**

For more than 30 years, MAK ONE has been the simulation platform of choice by governments and system integrators around the world. While simulating across warfare domains historically wasn't a major point of interest among our customers, we're now seeing the desire to understand what's happening in other domains of simulated environments: naval customers care about what's happening in the air and on the shoreline; customers building ground simulations want to know what's going on in the air and sea, as well as in space. This is where MAK ONE shines. It's one of the only simulation platforms that does true multi-domain whole Earth modeling. And because MAK ONE is designed to be modular and extensible, customers are beginning to experiment with integrating cyber effects into the kinetic domains.

In addition to providing COTS software to system integrators, MAK's new Training Solutions division was created with the idea of bringing multi-domain solutions to end-users. Specifically, to develop and support training systems for any US or foreign military service in air, land, and sea domains and integrate them all together. Our MAK ONE Ground Warfare Demonstration video, included in the newsletter below, shows how we linked our MAK FIRES Call for Fire training system, developed by our Training Solutions team, to larger ground exercises and air operations.

We're also seeing this trend toward multi-domain simulation as we work with the National Guard, who wants its training systems to tie ground and air elements together seamlessly for better soldier training. MAK ONE is uniquely positioned to bring their vision to life.

2. **Customers are striving for the best of both worlds.**

Customers are never satisfied with the simulation capabilities of today – they are constantly

pushing the boundaries. Recently we've seen interest in combining the benefits of aggregate-level simulation with the detailed interactions of individuals and vehicles at the entity level. You'll read below how we're supporting these forward-leaning customers into the realm of Multi-Resolution Modeling with MAK ONE.

3. **Standards are here to stay.**

We pride ourselves on our MAK ONE simulation tools that are built to adhere to commercial standards from the Simulation Interoperability Standards Organization (SISO), including IEEE standards used by our government customers. Because of this, customers have choices and can mix and match the technology they use. After more than 30 years, MAK is still committed to commercial standards. Read the articles below to understand MAK's leadership and participation in key standards activities, as well as how the evolution of different standards is woven into our product line.

MAK has always been here to support our customers and bring their training and simulation visions to life. I'd also like to quickly highlight how MAK is committed to supporting our community, most recently through our Dogs For Vets fundraising campaign to provide two highly trained service dogs to veterans in need. Take a look at the Dogs For Vets content below – I hope you'll join us to give back to a community that has given so much to us!

Enjoy this roll-up of MAK's Q1 activity to date and stay tuned for more!

Best Regards,

Bill Cole
CEO and President, MAK Technologies

Leaning Forward into Multi-Resolution Modeling with MAK ONE

Maybe you already know that VR-Forces simulates at both the Entity-level and the Aggregate-level. But did you know that VR-Forces can simulate both models at the same time — *in the same exercise*?



To be sure, simulating across the boundary between Entity and Aggregate levels is an advanced modeling concept that is very much at the forefront of Modeling & Simulation. Let's look at the power of abstraction to understand the value of each level of modeling, then explore why people want to use both together, and finally show how VR-Forces supports users who want to take this leap.

[Read the article!](#)

Hot off the Press: MAK News

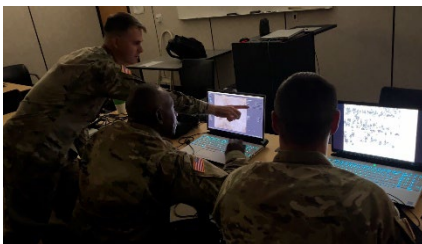
MAK Technologies Selected for Indefinite Delivery/Indefinite Quantity Contract by the United States Air Force Life Cycle Management Center Architecture & Integration Directorate

[Read the full press release](#)

TMI Simulation Solutions chooses MAK ONE as the software solution for the Malaysian Army's AV8 Light Combat Turret training simulation system

[Read the full success story](#)

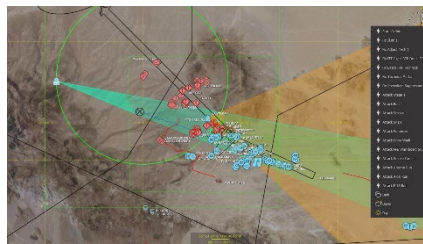
Featured videos from MAK



Training Solutions Built on MAK ONE

For 30+ years, MAK has been working hand-in-hand with system integrators, SMEs and end-users to develop systems that meet their unique training requirements.

[**See the training systems**](#)



MAK ONE Ground Warfare Demonstration

This demonstration shows the power of MAK ONE to create a synthetic environment for a battalion-level training exercise.

[**Watch the demo**](#)



Military Tactical Training with MAK COMMANDER

Entity and Aggregate level simulation helps refine military decision making process (MDMP) with Mission Rehearsal and Exercise Planning for live training exercises.

[**Watch the video**](#)

MAK's Ongoing Commitment to Standards

The Evolution of Networking Standards:

- Waxing: [Coming soon to MAK - NETN FOM Support](#)
- Waning: [HLA 1.3 and HLA IEEE 1516-2000 \(DCL API\) Support Ending for MAK ONE Applications](#)

SISO-Related Interoperability Updates

- SIW Pre-Read: [MAK's 2023 Simulation Standards Activity Update](#)

Tech Tips: The more you know!

- Create tactical graphics in VR-Forces right when you need them. [Read more!](#)
- Add Range Bearing lines and quickly get measurements between two points. [Here's how.](#)
- Keeping Track of the Changes: The MAK ONE release versioning convention. [Get informed.](#)

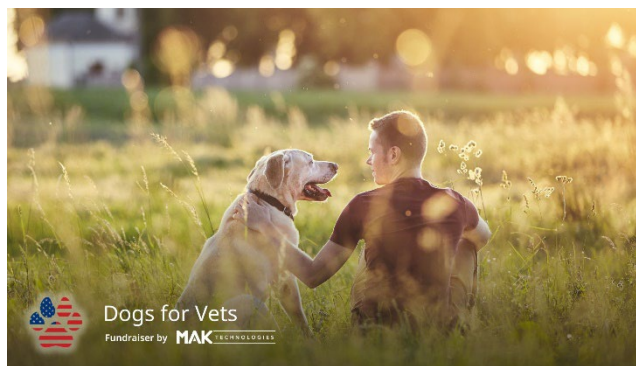
Join us at these upcoming MAK Live! events



MAK FIRES Huddle on March 8

Reserve your spot at the MAK FIRES Huddle to learn how MAK FIRES can deliver better Forward Observer training results.

Here's what you'll learn...



Dogs For Vets Topgolf Orlando Tournament on June 22

Join us as a player or an event sponsor at our June 22 Topgolf fundraising event! All proceeds and donations will go to our Dogs for Vets fundraising campaign benefitting the Guardian Angels Medical Service Dogs, who provide highly trained service dogs for veterans-in-need.

Play golf AND help veterans!

Check out our [MAK Live! Events](#) page to see what industry conferences and events you can find us at next!