

What's Up **MAK**

MARCH 2024



THE MAK ONE 2024 PRODUCT RELEASE ISSUE

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WHAT'S NEW IN MAK ONE 2024?

Jim Kogler
Vice President of Products

Spring is just around the corner, but it's always the right season for a [virtual] fireside chat with Jim about what's new in this release of MAK ONE.

Jim, what makes this release of MAK ONE special? Why should our readers care?

Let me start by briefly outlining our MAK ONE philosophy of *Brand New and Lasts Forever*. Our customers want to build new systems on MAK ONE and they want the latest and greatest in what technology offers. And because MAK ONE is interoperable and adaptable, our customers build assets and plugins on top of it. Those customers don't want to be in a spot where every time they update their program or start a new program, they have to rebuild their system – it's just so expensive and inefficient. It's important for us that our customers can preserve and use the assets they build on top of MAK ONE, while also not locking them into technology from five years ago. A big chunk of the work we do year-round...**keep reading!**

You mentioned interoperability and flexibility are built into MAK ONE. Can you talk more about that and what that means for users of MAK ONE?

We are known for our interoperability tools – they're how we got started as a Commercial Off the Shelf vendor more than 30 years ago! We also worked on the committees to define the standards that we all currently use for interoperability at the network level (including the NETN FOM, most recently!). Now we operate on a principle of interoperability "all the way up" the technology stack...**keep reading!**

You hinted at what's inside this release – spill the beans! What's new this year?

Generally, I think about our MAK ONE releases as the continuation of a crazy, beautiful tapestry. We're always starting new threads and continuing older threads and stopping other threads. When we talk

about how we have improved our procedural terrain generation in this release, for example, that is a thread that started many years ago and was greatly accelerated by...**keep reading!**

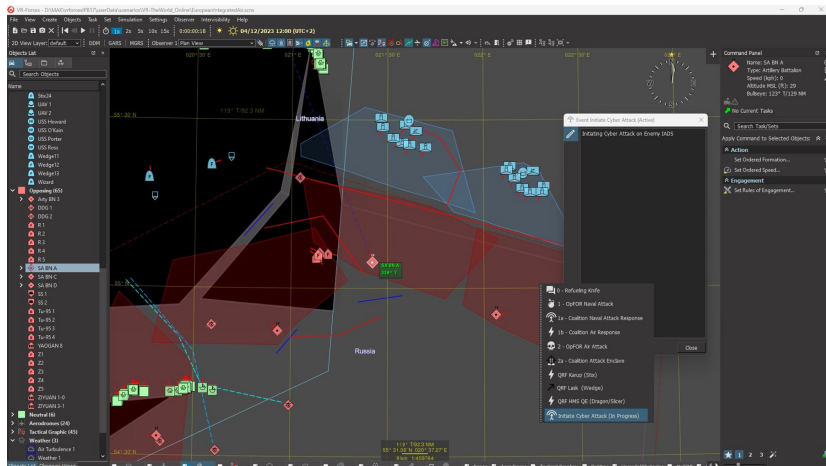
Any final thoughts about this release?

Yes! I have so many thoughts. Sometimes you might hear me joke that I am already past this release because I'm thinking about all the awesome stuff coming up next. But really – I'm just amazed by how far MAK ONE has come and I am so excited by all that's ahead. At our core, we're all about interoperability and that includes who we are as a company – we're with you every step of the way. And just like we did 30+ years ago, we still abide by our "Engineer Down the Hall" philosophy...**keep reading!**

To get an email alert when the release goes live in the next few weeks and to get links to product release notes and product downloads, be sure to request access to our **MAK Announce mailing list**.

 **Read the full interview with Jim!**





DIVE INTO THE DETAILS OF THE MAK ONE 2024 RELEASE!

Wednesday, April 17, 2024 | 9:00 AM and 9:00 PM Eastern Time

What's new in MAK ONE 2024? Sign up for this webinar with Jim Kogler, MAK's VP of Products, to dive into the details and new features. You'll see that the MAK ONE synthetic environment now comes with even more built-in richness with higher simulation fidelity and key visualization enhancements and additions. Our continued focus on interoperability is baked into updates across the suite of products. Don't miss it!

Reserve your spot today!

Register for the 9:00 AM ET Session

Register for the 9:00 PM ET Session

💡 ICYMI (IN CASE YOU MISSED IT)

A FEW HELPFUL ARTICLES ABOUT OUR MAK ONE PRODUCTS

Generative Vegetation
in the MAK Earth Terrain
Engine

➡ [Read the article...](#)

NETN FOM Support in
MAK ONE

➡ [Read the article...](#)

Configure VR-Engage
with Accurate Vehicle
Dynamics from Existing
Models

➡ [Read the article...](#)

All about HLA 1516-2024
(aka HLA 4) in MAK ONE

➡ [Read the article...](#)

Reminder: HLA 1.3 and
HLA IEEE 1516-2000
Support Ending for MAK
ONE Applications

➡ [Read the article...](#)

FYI: The MAK ONE
Release Versioning
Convention

➡ [Read the article...](#)

WIN-WIN

WITH MAK ONE COMES GREAT POWER!

When you choose MAK, you become a part of the greater MAK Ecosystem. Think of the MAK Ecosystem of technology partners, complementary product partners, and international distributors like the simulation systems we help people make. Those core values of interoperability and flexibility are built into the way we make software at every level – this means that we partner with companies with great technology rather than rebuild it to be exclusively MAK's. We collaborate with other companies to help our customers find the right solution. We support our customers in mastering the simulation arts over the long term, and they become centers of excellence capable of providing even greater solutions for their end-users.

[Take a look at the MAK Ecosystem!](#)

AROUND THE WEB

EXPANDING S&T CAPABILITIES FOR MULTI-DOMAIN OPERATIONS



Article written by Halldale Group's MS&T Editor, Marty Kauchak

Military leaders are embracing MDO as strategy and doctrine. This article by Marty Kauchak, MS&T Editor at the Halldale Group, outlines the learning technology enablers for MDO, including an overview of the MAK ONE suite of simulation software that allows defense forces to train and rehearse for multi-domain operations.

[Read the article!](#)

ST ENGINEERING ANTICIP

CERUS

SYNERGY סינרגי

DiSTI
Empowering the Human Machine Interface

KEYSIGHT

ST Engineering

RTDynamics

CogSim
TECHNOLOGIES
Focused Fidelity

cmlabs

scalable
DISPLAY TECHNOLOGIES

SIMCENTRIC
TECHNOLOGIES

SIMTHETIC
EXPERIENCE TO REALITY

design3D

CESIUM

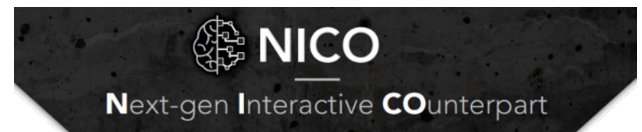
pelican
mapping

JRM
TECHNOLOGIES
THE PARTIALITY OF THE REALITY

vrg. vrgineers

SNEAK PEEK

COMING SOON!



NICO is a system of virtual avatars — lifelike digital representations of humans, capable of realistically responding to user input, and carrying on meaningful conversations, interrogations, and instructions.

NICO integrates artificial intelligence (AI) and machine learning (ML) technologies with augmented reality (AR) to elevate virtual avatar interactions to unprecedented levels of realism, revolutionizing how we engage with digital systems as sentient beings.

Stay tuned for more details on this new development by MAK's Simulation Solutions team! Got questions? Connect with us at SimSolBD@mak.com.



EXPLORE YOUR CAREER AT MAK

We're looking for several folks to join the MAK team across a variety of roles in both our Orlando and Cambridge offices! Is it you we're looking for? Do you know someone who is the perfect fit?



Here are our open roles

- HR Manager (Cambridge, MA)
- Software Engineers (Cambridge, MA)
- Junior Software Engineer (Orlando, FL)
- 3D Graphics Engineer (Orlando, FL)
- Foreign Military Sales (FMS) Subject Matter Expert (Orlando, FL)
- Business Development/Capture Manager (Orlando, FL)
- Junior Proposal Manager (Orlando, FL)

➡ **Learn more about working at MAK!**

in SOCIAL CORNER

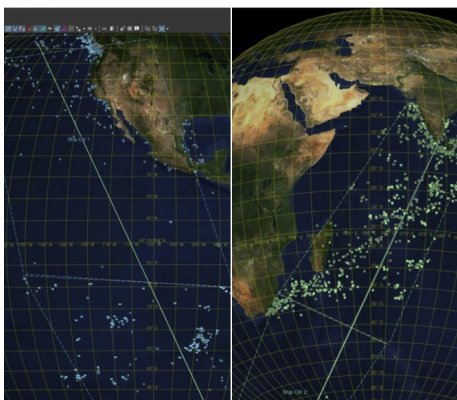
JOIN THE CONVERSATION ON LINKEDIN

Of course you should follow the **MAK Technologies LinkedIn page** for the freshest news, but be sure to connect with our MAKers who are all over LinkedIn too!



Jim Kogler (He/Him) • 1st
Vice President of Products at MAK Technologies
1mo • Edited • 4

Did you know a ship can be sailed from Alaska to India on a strait heading around the tip of South America? In MAK ONE, because we always simulate on a round (WGS84) earth simulating this is simple. Starting with MAK ONE 2024 you will be able to add full world AIS traffic for your whole journey to keep you company. If you want more, you can add ADS-B tracks as well. MAK ONE 2024 will ship with a full planet of pre-recorded shipping and air data to fill your simulation with the clutter.



Deb Fullford • 1st
Vice President of Sales and Business Development at MAK Tech...
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📌 A Deb Recommended Read: Below is a link to an interesting article on the UK's innovative approach on Multi-Domain Operations Training. <https://lnkd.in/eTnM-5Bn>.
#Gladiator
#Simulationtraining



Training for MDO and Integrated Ops: The UK Way
halldale.com • 7 min read



Daniel Albert, MS, MBA • 1st
QA Lead and Master-Trainer at MAK Technologies
21h • 4

The **MAK Technologies** mission continues. Accepted an invitation to present at the Texas Army National Guard 36th DIVARTY Fires Symposium. So happy I was able to participate. At least ten states were present and I was the opening speaker! Lots of interest for our MAK FIRES training solution. Honored to attend my very first Saint Barbara's (patron saint of the artillery) Ball. A great weekend for all in Austin! Well done 36th!



Our Orlando office has moved to a new suite:

UPDATE YOUR ADDRESS BOOKS!

MAK Technologies
13501 Ingenuity Drive, **Suite 128**
Orlando, FL 32826