

What's Up **MAK**

June 2023



Join us at our **Dogs fore! Vets Topgolf Charity event!**

June 22, 2023 | 6:00-9:00pm | Topgolf Orlando

To raise money for our ongoing [Dogs for Vets fundraiser](#) in support of the National Guard Association of Michigan's "54 by 24" Campaign, MAK will be hosting a Dogs fore! Vets Topgolf fundraiser in Orlando, FL on June 22, 2023 from 6:00-9:00pm.

You're invited to join us for a night of fun, food, drinks, and friendly competition all in support of a good cause. Spaces are limited - [sign up to play today!](#)

Here's why it's so important.

Roughly 17 veterans die by suicide every day, and we want to help change that. Trained service dogs have been proven to have significant and long-lasting benefits for veterans who are suffering from both seen and unseen combat wounds. MAK has partnered with the National Guard Association of Michigan and Guardian Angels Medical Service Dogs to provide highly trained service dogs to two veterans in

need, to help lower the statistics surrounding veteran suicide and elevate the quality of life for our nation's heroes.

We invite you to consider supporting the Dogs *fore!* Vets TopGolf Fundraiser with a player sponsorship package that shows your appreciation for the men and women who have served our country and need our support.

[Sign up for a player sponsorship here!](#)



The Naval Postgraduate School's (NPS) MOVES Institute Relies on MAK ONE to Help Prepare Students for Simulation Success

Step inside the Modeling Virtual Environments and Simulation (MOVES) Institute of the Naval Postgraduate School (NPS) and you'll find students using state-of-the-art technology to hone their skills and prepare for future modeling and simulation (M&S) billets across the Department of Defense (DoD). As part of the Institute's Master of Science and Ph.D. programs, students are offered both fundamental and specialized courses in M&S, visual simulation technology, combat models and systems, and best practices, as well as tools in support of training, analysis, acquisition, testing and operational capabilities.

At the heart of the program's modeling & simulation curriculum is MAK ONE, a powerful suite of simulation software developed by MAK that gives MOVES students practical experience in simulation development...

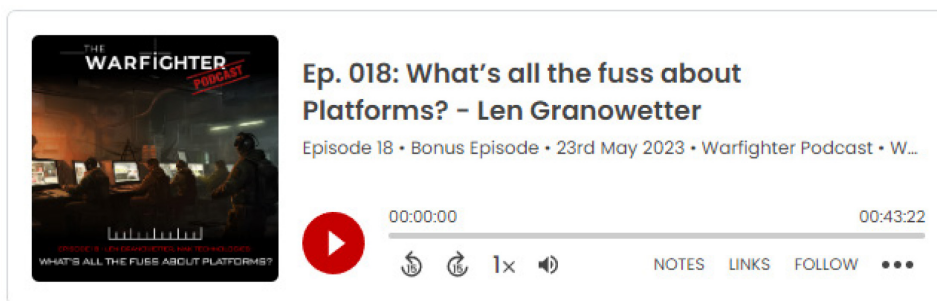
[Get the full scoop on how NPS is preparing its students with MAK ONE!](#)

New Video: VR-Engage, the MAK ONE Multi-Domain Multi-role Virtual Simulator



This video features VR-Engage, the first-person component of the MAK ONE platform - a unique Common Synthetic Environment that delivers both computer-generated forces and player-controlled entities as part of a single unified design. VR-Engage is a multi-role Virtual Simulator that lets users play first person human character roles - [watch the video to learn more!](#)

Spotted: MAK in the Wild



In this episode of The Warfighter Podcast, Len does a fantastic job of explaining the various ways that people use the term "platform". He distinguishes between the software pieces that you need to build a simulation application: the Simulation platforms (the runtime environment that manages the synthetic

environment, terrain, weather, entities, and objects executing behaviors); the interoperability platform (DIS, HLA, or newer cloud centric approaches); and the deployment platform (laptops vs. VMs in a server closet vs. running on a public cloud). Len addresses some of the different approaches taken by real world projects, and the tradeoff between technology innovators and technology integrators.

It's a good talk, and well worth the time to listen - [check it out!](#)

MAK News and Updates

HLA 4 Passes First Round of IEEE Balloting

The MAK team is proud to have worked diligently alongside the interoperability community to progress the open standards process to reach this milestone. We're looking forward to the finalization of the standard and implementing it into our MAK ONE suite of simulation software.

[Check out what's new in HLA 4...](#)

MAK Earth - An Update on Bing Maps:

You need a Bing Maps Key to get access to Bing imagery. MAK was providing the use of our key for a limited time, but starting in June 2023, you will need to get your own key from Microsoft.

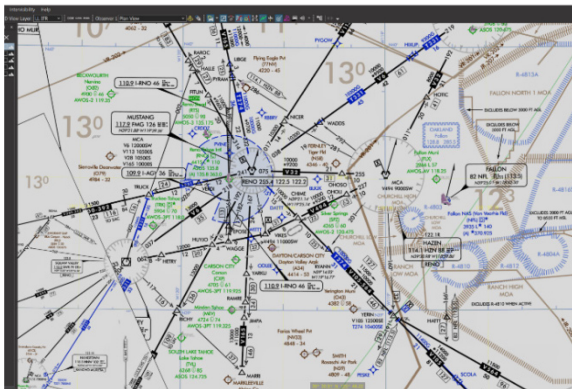
[Here's how to get your key...](#)

Addressing Issues Caused by NVIDIA Driver Bugs:

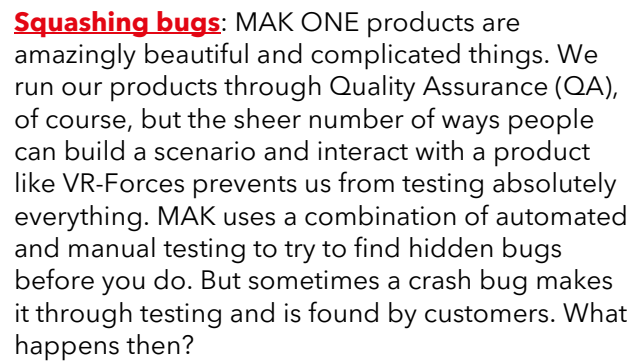
Some MAK ONE users have experienced crashes while using MAK ONE products with NVIDIA drivers released after November 2022. These crashes have been caused by a bug in the NVIDIA driver related to reference counting of bindless textures when using multiple graphics contexts.

[Here is how we're addressing it...](#)

Tech Tips: The more you know!



[Applying shader effects to map layers:](#) For you hotshot programmers out there, did you know you could apply a shader effect to your MAK ONE map layers? If you have a map layer that looks like this image (IFR Air Charts) and the color scheme makes it difficult to see your plans, you have a few options...



I have been approached by multiple customers suggesting the idea of developing a support system by training an OpenAI/Chat-GPT system on our MAK documentation set. They believed it could potentially provide some level of autonomous help desk for our customers. Intrigued by the possibility of automating

support, I decided to give it a try. However, I must say it hasn't gone well, and as a result, we won't be releasing it just yet.

[Learn how AI can sometimes be misleading...](#)

It's a busy month! Here's where you'll find us in June:

- DSET: June 5-8 in Bristol, UK
- Adjutants General Association of the US (AGAUS) Summer Conference: June 13-16 in Honolulu, Hawaii
- National Guard Ground Task Force Industry Day: June 21-22 at Fort Benning, GA
- TSIS: June 21-23 in Orlando Florida
- Dogs fore! Vets Topgolf Charity event: June 22 in Orlando, FL ([Join us!](#))
- Modern Day Marine: June 27-28 in Washington, DC
- MAK User Conference hosted by ST Engineering Antycip: June 29 in Italy

Check out our [MAK Live! Events](#) page to see where you can find us next!

Psst.

Down here.

This "What's Up MAK" newsletter is our quarterly publication that rolls up our news, articles, and customer wins from the past few months.

If you want to follow our news as it happens, connect with us on [LinkedIn](#), [Twitter](#), [Facebook](#), and of course, [our MAK blog](#).