



Simplify Simulation. Enhance Performance.

Empowering the future of flight simulation...

For over 30 years, CATI Training Systems has been providing unparalleled rendering performance for military, civilian, and commercial customers with its revolutionary image generation system, X-IG®. Now CATI would like to introduce X-SIM™!

X-SIM™ is a brand-new Windows Based framework used to develop simulations with a wide range of fidelity and is a launching point for everything from Level D capable simulations to generic platforms. X-SIM™ maximizes efficiency by replacing multiple systems with a single, user-friendly interface. Controlling multiple simulation components on a single computer, X-SIM™ makes the system easier to maintain and more cost efficient.

The flexibility of X-SIM™ allows it to be easily scalable from a laptop to a multiple OTW display simulator or dome to a virtual or mixed reality headset. X-SIM™ can be easily customized to integrate with any image generation system and for any platform. CATI Training Systems has deployed versions of X-SIM™ to support the following platforms:

- X-SIM™ UAS is used to host UAV simulations of the aircraft and the ground control station of multiple real-world platforms such as the MQ-1C Gray Eagle, the MQ-9 Reaper and Fire Scout as well as generic platforms.
- X-SIM™ UH60A/L is a fully functional, US Army accredited simulation of the UH60A/L, including the flight model and all aircraft systems.
- X-SIM™ UH60M is a derivative of the UH60A/L with SME validated implementations of the UH60M flight model, avionics, and fully coupled flight director.
- X-SIM™ AT-802 is a revolutionary crop dusting simulation currently in development. CATI is simulating all vehicle dynamics, avionics, hopper controls and they will be integrated with CATI's X-Tended Reality™ mixed reality system.



Above: X-Sim™ UAS Ground Control Station



Above: CATI's Generic UAV model featured in X-Sim™

Scan QR code for more information
and to contact our sales team.

