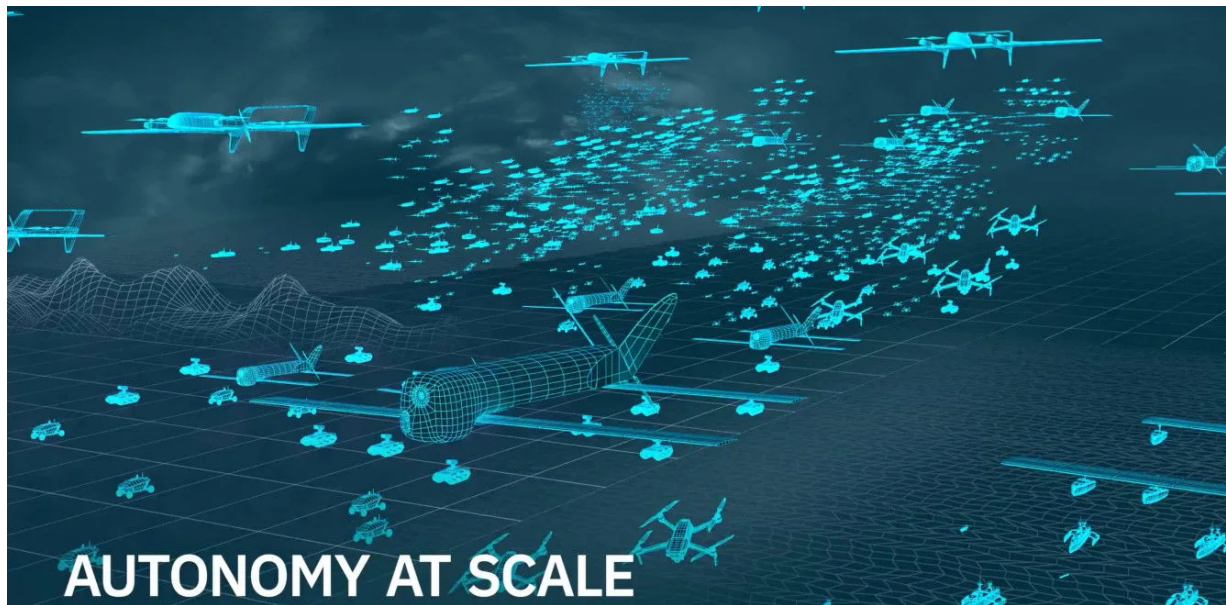




Amorphous, powerful platform for autonomous Drone control.

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L3Harris has introduced **Amorphous**, a software platform to control swarms of unmanned systems across multiple domains, allowing aerial drones, ships, and other platforms to operate together seamlessly.

The software, based on an **open and scalable architecture**, is designed to manage thousands of payloads, meeting the needs of the United States Department of Defense for advanced integration of autonomous systems.

Jon Rambeau, president of L3Harris's integrated mission systems, described it as a **conductor** for the command and control of autonomous fleets. "The challenge is no longer managing dozens or hundreds of assets, but thousands simultaneously, which is impossible with human control alone," he stated.

Unlike models based on a **mothership**, **Amorphous** coordinates a **leaderless swarm**, distributing commands among all platforms. This reduces operational risks in the event of

communication loss or neutralization of a key unit, explained Toby Magsig, vice president of autonomous systems.

Amorphous has already been tested in Pentagon programs like **Replicator**, which aims to deploy thousands of drones by August, and is based on L3Harris's experiences with the Navy's **Project Overmatch** and the US Army.

For **Replicator**, L3Harris, along with **Anduril Industries** and **Swarm Aero**, demonstrates the ability to coordinate hundreds of platforms within the **Autonomous Collaborative Teaming** initiative, managed by the **Defense Innovation Unit**.

Rambeau highlighted the importance of an **open architecture**, with interfaces accessible to third parties to ensure maximum compatibility. "This is a key element for the success of **Amorphous**," he emphasized.

Magsig confirmed that the software has already been tested in various events and that many more demonstrations will follow.

News link: <https://defence-industry.eu/l3harris-introduces-amorphous-software-for-autonomous-military-operations/>