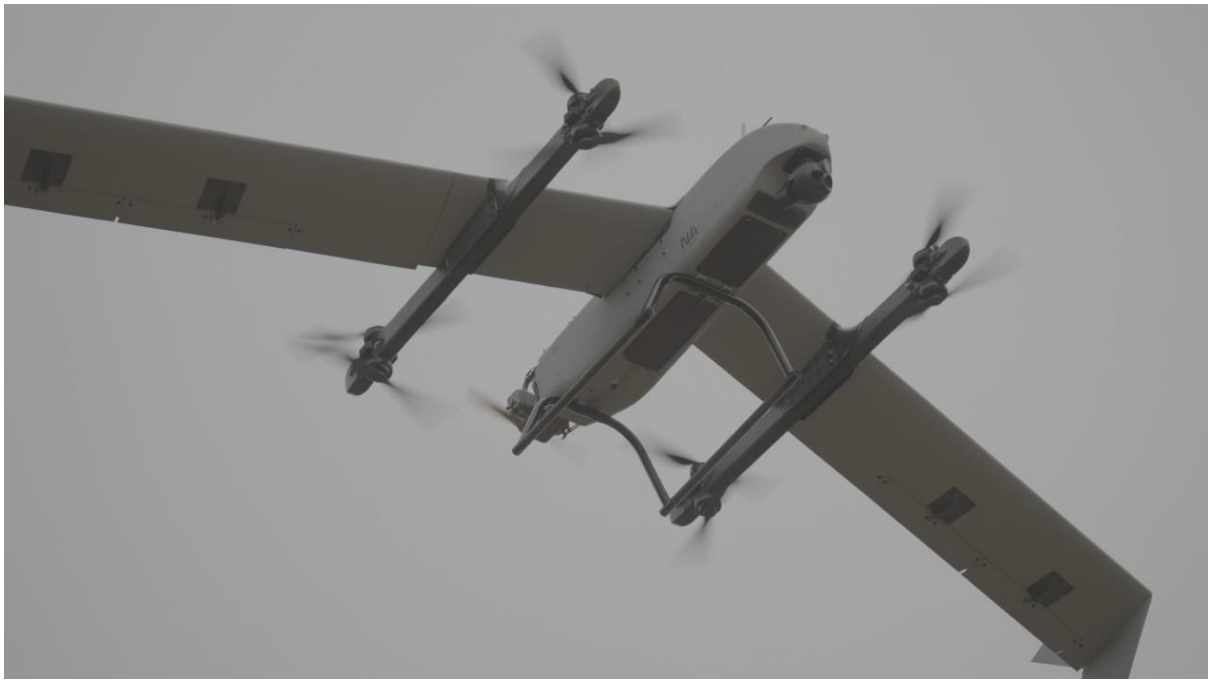
Xmobots Brings Brazilian Autonomous Robotics to XPONENTIAL 2026

Company will present Brazil-developed defense and security solutions, while sharing its long-term vision for autonomous air mobility



Nauru 1000C ISTAR will be one of the highlights of the event

São Carlos, São Paulo, Brazil, May 2026 – Xmobots, the largest drone manufacturer in Latin America, will participate in XPONENTIAL 2026, one of the world's leading events dedicated to robotics and autonomy, held in Detroit, Michigan, United States. The previous edition gathered more than 500 exhibiting companies and over 7,000 visitors from several countries.

Xmobots' participation reinforces the progress of Brazilian robotics engineering in an increasingly strategic global landscape for technologies applied to defense, security and critical-area monitoring.
During the event, Xmobots will present solutions fully developed in Brazil, focused on intelligence, surveillance, reconnaissance and situational awareness. Key highlights include the **Nauru 100D**, the **Nauru 1000C ISTAR** and the **XSIS 222A sensor**.

Representing the company at the event will be **Giovani Amianti**, Founder and CEO of Xmobots, and **Caique Garbim**, New Business Specialist.

"Bringing Xmobots to XPONENTIAL means presenting technologies developed in Brazil to the international market, with real-world applications and the ability to compete in a strategic and highly technological sector. Our focus is to develop complete systems designed for complex operations and for the new global demands of robotics and autonomy," says Thatiana Miloso, Commercial and Marketing Director at Xmobots.

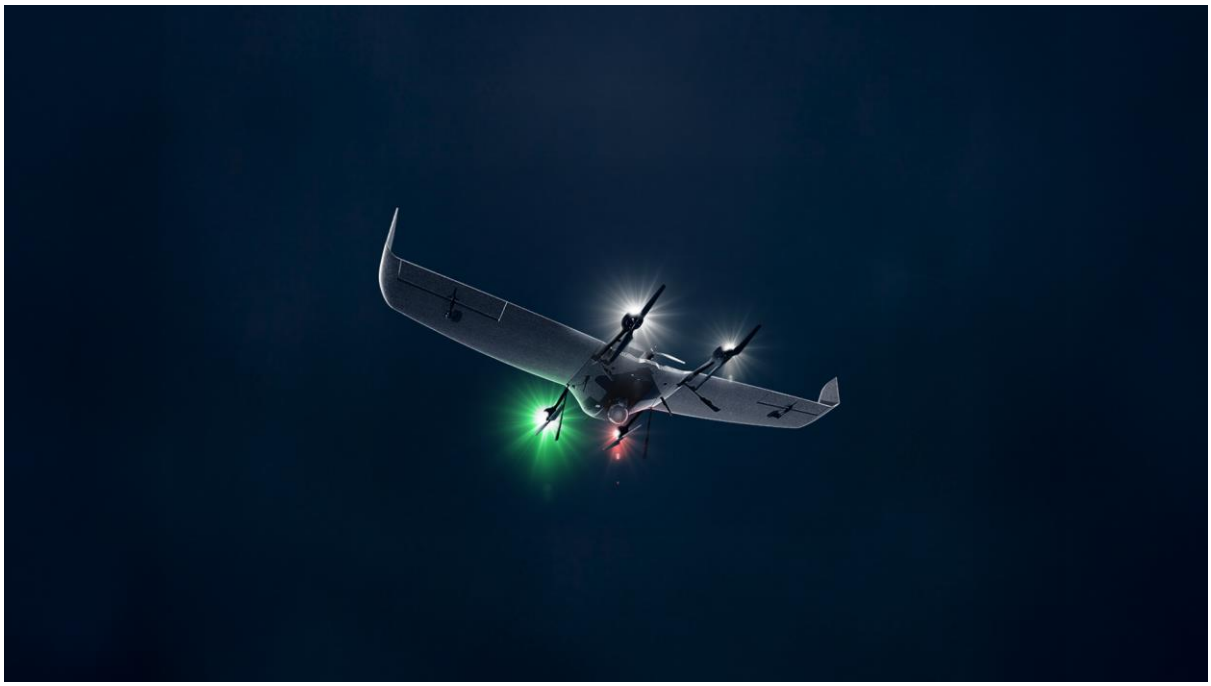
Technology from Brazil for Critical Missions

With nearly two decades of experience in the aerospace sector, Xmobots vertically integrates the development of aerial platforms, avionics, sensors, software and embedded artificial intelligence.

The company develops solutions for critical missions, including intelligence, surveillance, reconnaissance, territorial monitoring and long-duration operations.
Today, Xmobots systems are already used by strategic Brazilian institutions, including the **Brazilian Army**, which employs the **Nauru 1000C ISTAR** for border patrol operations, and the **Brazilian Navy**, which has implemented the **Nauru 500C ISR** in search and rescue missions at sea.

Nauru 100D ISTAR: Meet the Invisible Ally

Among the main highlights presented at **XPONENTIAL 2026** is the **Nauru 100D**, an eVTOL platform developed for highly complex operations and rapid field deployment.



Nauru 100D in night operation

The platform combines portability, silent operation and advanced sensing capabilities, making it suitable for intelligence, reconnaissance and target acquisition missions.

The Nauru 100D offers:

- Up to six hours of mission endurance with the standard three-battery kit;
- Day and night operation, with a range between 20 and 30 km;
- Real-time RGB and thermal image transmission;
- Target tracking and geolocation;
- Transport in tactical backpacks;
- Portable command and control station operated with only two tablets.

Due to its easy transport and rapid activation, the Nauru 100D can be applied in scenarios such as:

- Urban patrol and support for police forces;
- Monitoring of critical areas and tactical operations;
- Border surveillance and strategic infrastructure monitoring;
- Tracking of moving targets in day and night operations.

Nauru 1000C ISTAR: Absolute Power in the Air

Another highlight from Xmobots is the **Nauru 1000C ISTAR**, a system employed by the **Brazilian Army** in strategic monitoring and surveillance operations.

Nauru 1000C is used by the Brazilian Army

With a maximum weight of 181 kg and a wingspan of nearly eight meters, the platform offers up to 10 hours of endurance and a communication range between 60 and 120 km. Its VTOL technology enables vertical takeoff and landing in critical or hard-to-access areas.

The Nauru 1000C ISTAR system includes:

- Three aircraft;
- A dedicated sensor for ISTAR missions;
- A mobile operation base;
- Infrastructure designed for extended field operations.

The control station features biometric access, emergency lighting, climate control and ergonomic seats, enhancing safety and operational capacity across different scenarios.

The Nauru 1000C ISTAR can operate in scenarios such as:

- Continuous monitoring of land and maritime borders;
- Surveillance of large areas and critical infrastructure;
- Identification and tracking of strategic targets;
- Support for tactical coordination and artillery correction;
- ISTAR operations in remote and hard-to-access environments.

XSIS 222A: The Right Choice for ISTAR Missions

Xmobots will also present the **XSIS 222A**, an electro-optical sensor developed to enhance situational awareness in aerial operations.

XSIS 222A sensor integrated into the Nauru 1000C ISTAR

The system can be integrated into the Nauru 1000C ISTAR and applied to helicopters, enabling:

- Day and night aerial surveillance;
- Identification of vehicles and individuals;
- Continuous target tracking;
- Operations in urban environments and dense vegetation.

XSIS 222A sensor integrated into a manned helicopter

Technological sovereignty and international projection

Xmobots' participation in **XPONENTIAL 2026** reinforces the company's positioning as a technology developer with verticalized control over hardware, software, sensors and artificial intelligence.

In a global scenario marked by growing demand for autonomous systems, the company's presence in Detroit highlights the progress of Brazilian robotics in a sector considered strategic for the future of mobility, security and defense.

A Glimpse Into the Future: Xmobots Vision

In addition to its current defense and security platforms, Xmobots is also advancing Xmobots Vision, the company's long-term program for regional autonomous air mobility.

*The ability to adapt to diverse environments makes **Xmobots Vision** a truly global program.*

The initiative explores a new generation of autonomous aerial platforms designed to connect cities, productive regions and remote areas through passenger and cargo transport, combining onboard artificial intelligence, advanced perception systems and redundant avionics.

By presenting this vision alongside its operational ISTAR solutions, Xmobots reinforces its broader ambition: to help shape the future of autonomous aviation from Brazil to the global market.

XPONENTIAL 2026

- Date: May 12–14, 2026
- Venue: Huntington Place
- Location: Detroit, Michigan, United States
- Xmobots Booth: 43021

Xmobots representatives will be available during XPONENTIAL 2026 for meetings, interviews and technical discussions about the company's autonomous systems, ISTAR platforms and long-term vision for autonomous aerial mobility.

About Xmobots

Founded in 2007, Xmobots vertically integrates the development of vehicles, hardware, software and artificial intelligence applied to robotic systems. The company operates in segments such as Agriculture, Geospatial, Environmental, Defense, Security, Logistics and Mobility.

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