



GALAXIA MISSION SYSTEMS RECEIVES HISTORIC \$1.7 MILLION IN FUNDING FROM THE CANADIAN SPACE AGENCY TO BUILD ATLANTIC CANADA'S FIRST COMMERCIAL SATELLITE CONSTELLATION

HALIFAX, May 1st, 2023 --GALAXIA Mission Systems, a Canadian-owned leader in space computation has been awarded a \$1.7 million contribution from the Canadian Space Agency to construct and launch their highly sophisticated and proprietary edge-computing space technology platform, MÖBIUS SDS.

The funding agreement with the CSA will help support the building and launch of GALAXIA's first two nano-satellite prototypes which will take two years to build and one year to undergo testing. These satellites will be the first of dozens to be developed within the *MÖBIUS Constellation*.

These versatile and programmable satellites will produce ground breaking advances in the energy sector, infrastructure monitoring, and maritime security to name a few. The platform will allow companies to monitor power lines, transportation vehicles, with applications for maritime monitoring, identifying oil spills and illegal fishing and more. The scope of use is limitless.

"This contribution is the catalyst we needed to invest in materials, staff and research to bring our MÖBIUS Software Defined Satellite Platform to life." Said Arad Gharagozli, Founder and CEO of GALAXIA. "With this investment, we are aiming to make historic advancements for the global space industry, while bringing high-tech industries, jobs and opportunity to Atlantic Canada."

GALAXIA has made it their mission to make space access more efficient, affordable and accessible. Having now secured this funding agreement with the CSA, GALAXIA is poised to do just that.

GALAXIA'S MÖBIUS SDS is disrupting the current space technology market by addressing several key challenges. The first being access to space technology and data. Historically, small to medium sized businesses have been largely excluded from being able to leverage data from space to grow and revolutionize their businesses due to the significant financial and regulatory barriers.

However, with MÖBIUS's unique, only-pay-for-what-you-use, service model and highly customizable platform, thousands of small to medium sized businesses across the globe will be able to create custom applications to transform their businesses at an affordable rate.





The second market gap that MÖBIUS addresses is computational power. Traditional satellite technology is plagued with significant lags and inefficiencies in data collection, processing and delivery. This means that critical weather, environmental, disaster and intelligence data isn't reaching people when they need it.

MÖBIUS corrects this problem with GALAXIA'S proprietary AI-optimized On-Board Computer, called APEX, designed specifically to perform real-time image capture and processing on board the satellite. The MÖBIUS SDS platform can perform complex calculations and data analysis faster and more efficiently than any other competitor in the market. This means getting critical information in real-time.

Solving problems on earth from space has never been easier.

This project is undertaken with the financial support of the Canadian Space Agency.



Canadian Space
Agency

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About GALAXIA

GALAXIA Mission Systems, is a Canadian-owned, space computation company, making real-time space access simple, effortless and more accessible than ever before. Through the development of innovative products and groundbreaking technology, GALAXIA is redefining how data can be collected and processed from space and who has access to it. Driven by their mission to democratize space, GALAXIA is disrupting current industry practices by breaking down the barriers that small to medium sized businesses face and paving the way with sophisticated technology and a unique pay-per-use business model.

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