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Press release January 25, 2024

Unibap receives an order from Hawaii Space Flight Laboratory for NASA's HyTI-2 ACMEs satellite mission

Unibap AB (publ) has received an order for the onboard payload data handling computer to the ACMEs mission (the second NASA Hyperspectral Thermal Imaging satellite mission also designated HyTI-2). The order is for Unibap's SpaceCloud® iX10 platform, valued at \$350000 USD and will be delivered mid-2024. The order comes after delivery, integration, and extensive testing of the iX5-solution during 2021-2023 for the first HyTI mission.

The delivery will be done to the system integrator University of Hawaii at Manoa/Hawaii Spaceflight Laboratory (HSFL) responsible for the payload integration. The Active Cooling for Multispectral Earth Sensors (ACMEs) is a 16U CubeSat mission selected for flight under the In-space Validation of Earth Science Technologies (InVEST) Program in support of the NASA Science Mission Directorate. The ACMEs mission is being led by Utah State University and implemented by Orion Space Solutions. HSFL is providing the HyTI-2 payload.

- “The iX10 from Unibap is needed to perform advanced on-orbit real-time data processing from the high spectral and spatial LWIR sensor and to create L1 and L2 products. Today, the data sets generated by space sensors are very large and cannot be cost efficiently downloaded to the ground. This drives the need of data storage and analytics onboard satellites in order to produce timely information for customers driven by real-time information” says Dr. Miguel Nunes, Deputy Director, Hawaii Space Flight Laboratory.
- “We are excited to work with Unibap again. To achieve the performance enhancements we need for HyTI-2, the iX10 was the obvious choice. No other solution provided us the throughput and processing power needed to run a high pixel count focal plane at such high frame rates” says Dr. Rob Wright, Director of The Hawai‘i Institute of Geophysics and Planetology (HIGP), and principal investigator for the HyTI mission, and the HyTI-2 instrument.
- “We have proved our proficiency with several in-orbit demonstrations of our iX5-family computers, and as a result we also see a significant growth in market interest for our next-generation SpaceCloud® solutions in the iX10 family, which offers superior on-orbit processing performance. With the announced deliveries and the collaboration with Hawaii Space Flight Laboratory, we continue our exciting and important journey with our next generation systems for on-orbit edge computing” says Johan Åman, CEO, Unibap.



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About Unibap

Unibap is a high-tech company offering advanced solutions for Edge Computing and Cloud Computing in space. Our SpaceCloud® offering consists of hardware, software and services that transform the space industry by establishing a new standard for AI and cloud solutions in satellites and spacecrafts. The company's quality management system is certified according to SS-EN ISO 9001:2015. The company is listed on Nasdaq First North Growth Market.

For more information, please visit the Company's website unibap.com.

FNCA Sweden AB is the Company's Certified Adviser.