# Sidus Orlaith™ Ecosystem
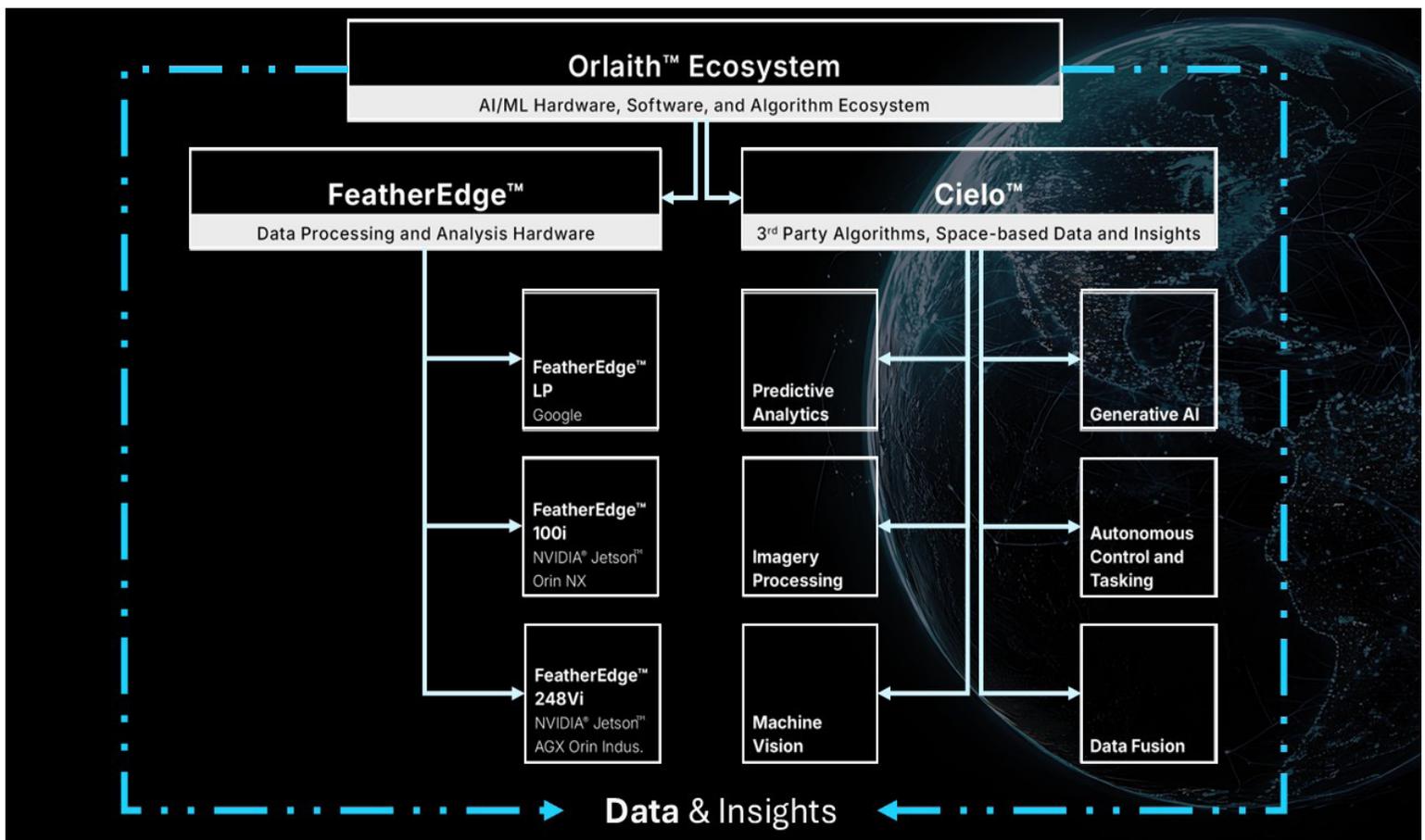## AI-Driven Intelligence for Any Mission



**The Sidus Orlaith™ Ecosystem integrates advanced AI/ML hardware, software, and algorithms into a unified platform designed for air, land, sea, and space operations.**

Orlaith™ delivers near real-time insights, autonomous capabilities, and mission adaptability across diverse environments.

## Key Features

» **Near Real-Time Data Processing -** Processes satellite data on orbit to support efficient Earth observation (EO) and mission optimization

» **In-Orbit Reconfigurability -** Enables seamless updates and mission adaptation without interrupting operations

» **AI-Powered Autonomy -** Utilizes intelligent algorithms for anomaly detection, autonomous decision-making, and rapid data analysis

» **Unified Mission Ecosystem -** Streamlines development, testing, and operations into a cohesive, cost-effective solution for satellite missions

## Orlaith™ Ecosystem

**Headquarters and Mission Control Center**
150 N Sykes Creek Pkwy, STE 200
Merritt Island, Florida, USA 32953

**Satellite Production and Manufacturing Facility**
400 West Central Blvd,
Cape Canaveral, Florida, USA 32920