

# Tilebox On Orbit

Accelerate time-to-market while retaining full data and algorithm control

## Lead the Next Evolution in Space Data Technology

Deploy Tilebox on orbit for self-contained, edge computing missions. Run any workflow in orbit to optimize processing for revenue-generating datasets and advanced applications.

Tilebox brings your algorithms to orbit, unlocking new cost-efficiencies and capabilities.

### Enable proprietary edge-computing like:

- Payload and instrument calibration
- Data colocation, aggregation, and filtering
- Specific hyperspectral band combinations
- Swath cropping for POIs/small areas
- Federated computing for your customers and their algorithms

### **DE-RISK**

your mission with pre-launch testing

*Preview on-orbit capabilities and leverage our edge compute hardware partners*

### **REDUCE**

data downlink, storage, and transfer costs

*Start processing directly in-orbit and continue on the ground*

### **SCALE**

with versioned updates to mitigate downtime

*Never hesitate to update or scale operational services*

## Why Tilebox?

Tilebox is the only space data native distributed computing tool—and it's cloud, client, and sensor agnostic. It was built by software engineers for software teams to evolve space pipeline operations without compromising flexibility or data ownership and security.

# Tilebox On Orbit

An exclusive feature for Tilebox Enterprise customers

## Customer Support and Pricing

Tilebox Enterprise is designed to support customer-specific, high throughput, and security-critical applications, and full constellations.

## Tilebox Enterprise Core Features

### Datasets

Open datasets	✓
Custom datasets	Volume discounts
GB-months of indexed metadata storage	Volume discounts
Dataset egress	✓
Managed satellite data ingestion	✓
Monitoring and alerting of managed data ingestion	✓

### Workflows

Workflow orchestration	✓
Task retention	Custom
Workflow requests	Volume discounts
Axiom / Open Telemetry integration	✓
On-orbit workflows, pre-integration partners	✓

### Support

Email support	Within one business day
Tailored advice on technical best practices	✓
Migration/Onboarding support	✓
Custom code snippets	✓
Dedicated support engineer	✓

# Tilebox Enterprise

Evolve and expand your space data services cost-efficiently

## Distributed Computing for Space Data Services

The volume and size of space data is simply massive, and growing. For timely processing and access, distributed computing allocates the work across clusters or nodes, enabling more reliable and parallel computing to expedite complex workflows.

## Designed for Collabstraction

Tilebox is the only space data native distributed computing tool designed to evolve in-house space data pipelines. It provides an abstraction framework that streamlines collaboration across environments, languages, and teams, or what we call collabstraction.

### Efficiency

Reduce internal costs and maximize payload lifespan monetization

- Reduce downlink, storage, and transfer costs
- Trigger tasks remotely, and scale as you go with no idle time
- Minimize loss with smart retries that save all pre-breakpoint work

### Resilience

Iterate, scale, and enhance your core capabilities without rebuilding

- Retain infrastructure control and data security
- Update operational services with versioned tasks
- Scale from pre-launch to constellation

### Simplicity

Save time and resources while focusing on your core business

- Automate metadata ingestion and structuring
- Query and access your data within seconds
- Create multi-language workflows for streamlined discovery-to-deployment products

Give your developers the right tool for the job.  
Find out more at [www.tilebox.com](http://www.tilebox.com)

# Tilebox Enterprise

Evolve and expand your space data services cost-efficiently

## Customer Support and Pricing

Tilebox Enterprise is designed to support customer-specific, high throughput and security-critical applications, and full constellations.

## Tilebox Enterprise Core Features

### Datasets

Open datasets	✓
Custom datasets	Volume discounts
GB-months of indexed metadata storage	Volume discounts
Dataset egress	✓
Managed satellite data ingestion	✓
Monitoring and alerting of managed data ingestion	✓

### Workflows

Workflow orchestration	✓
Task retention	Custom
Workflow requests	Volume discounts
Axiom / Open Telemetry integration	✓
On-orbit workflows, preintegration partners	✓

### Support

Email support	Within one business day
Tailored advice on technical best practices	✓
Migration/Onboarding support	✓
Custom code snippets	✓
Dedicated support engineer	✓

Ask our team about additional support and security customizations to satisfy mission requirements.

Book a demo at [www.tilebox.com](http://www.tilebox.com)