

## About IOPS

IOPS is a spin-off company from Korea Aerospace Research Institute(KARI).  
 Since 2005, we have exclusively managed Korean government satellites.  
 Our extensive experience and specialized services provide outstanding support and expertise for satellite mission control and operations.



### Satellites Operations

Capable of operating various types of satellites not only LEO&GEO but also Lunar Orbiter. Industry approved stability in operations process by our top-tier engineers.



### Korean SBAS System

We have provided Korean Augmentation Satellite System(KASS) operation services.



### Research and Development on Software

Our software engineers have developed the whole system of ground station and satellites control software.



## Our Business Area



### Satellite AIT

Assembly, Integration, and Test includes EMI/EMC test, Thermal Vacuum test, RF Integration test, BUS Fault Management test and more.



### Construction of System/ Network

Design and construct network system considering Company's request and its environment.



### Satellites Operations

We are preparing to launch this service soon.

## Partner Companies

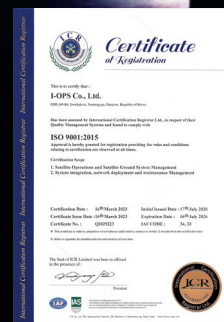


## Patents and Certifications

### • Granted patent 6

1. Low Earth Orbit Satellite Operation System and Method
2. Constellation Satellite Operation System and Communication Scheduling Method
3. Constellation Satellite Operation System and Communication Decision Method
4. Satellite Imaging Control Device and Method for Avoiding Solar Glint Reflection
5. Multi-Image Planning Optimization Device and Method
6. High-Speed Display Device and Method for Large-Scale Graphic Data

### • Applied patent 20



ISO 9001



IOPS



IOPS\_SPACE



IOPS(Iops Space)



IOPS\_SPACE

# IOPS SPACE

Your Gateway to Space Is Here

All-in-one solution for your satellite missions.  
 Connect with IOPS SPACE from anywhere.

# IOPS

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# IOPS

# About IOPS SPACE

## Unlock Your Satellite's Potential

IOPS SPACE is your gateway to space, providing innovative solutions for satellite owners. Our service is designed to help you manage all your missions effortlessly through the all-in-one platform. With our satellite operations experts, who possess extensive experience operating Korean governmental satellites, we'll ease your burden and ensure smooth operations. The software that powers IOPS SPACE including Flight Dynamic Subsystem (FDS), Mission Control Subsystem (MCS), Antenna Control Subsystem (ACS), and others, have been developed in-house, which allows us to resolve any issues you may have quickly and accurately. As a result, we can offer our service at an exceptionally competitive price. Make your gateway to space with IOPS SPACE!



## Verify Our Reliable Technology

As detailed on the "About IOPS" page, we have operated Korean government satellites since 2005, demonstrating our technical reliability. With the growing number of satellite manufacturers and related companies, we are receiving increasing inquiries about satellite operations. Furthermore, our software has continuously improved and has achieved international standards for information protection and security certification. So, you can rely on our service with confidence.

## Expect Our Next Step

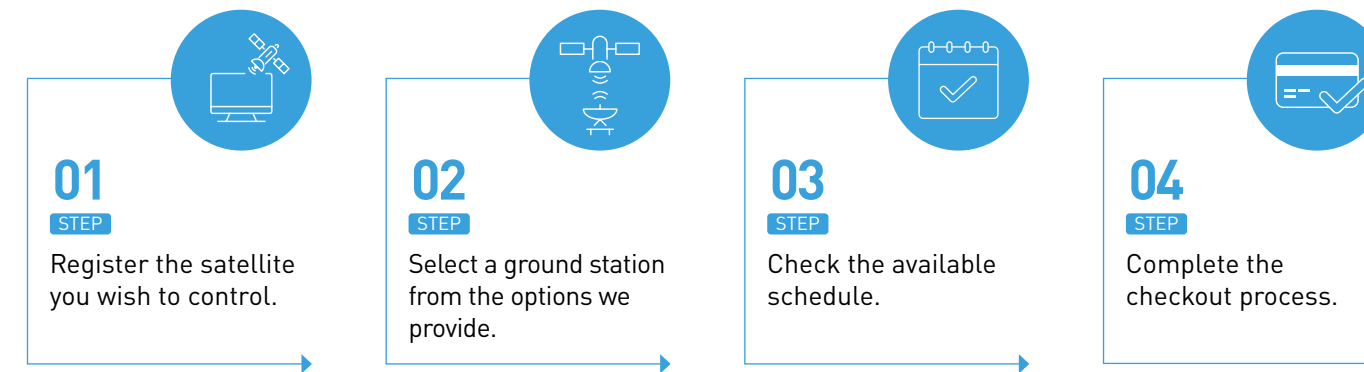
In IOPS SPACE, we're excited to share the advancements we're making in satellite operations and monitoring automation through AI technology. Our focus is on developing innovative solutions, including satellite lifespan prediction capabilities and early anomaly detection systems. These technologies aim to significantly reduce operational costs and enhance efficiency, opening the door to more effective and reliable satellite management. We look forward to keeping you updated on our progress as we work toward revolutionizing satellite operations.



# How to Use

## Convenient to Use

**1. Effortless Process:** Sign up, Set up, and Pay



## 2. Quick Step

You don't need to fill in all the fields. Simply enter the NORAD ID, and press the Enter key. We will populate the remaining information for you.



## 3. SLA(Service Level Agreement) 99%

Uninterrupted Service Guaranteed. Our satellite monitoring and automated control system operate 24/7, ensuring reliable and continuous coverage.



\*Pricing is subject to change.

## Pricing Plan

<b>Pass plan</b>	<b>\$2.25/Min.</b> Enjoy the flexibility of paying only for the time you use pass to communicate with your satellites
<b>Rental plan</b>	Rent the entire ground station(S/W and H/W for communication) and use it as much as you want.
<b>Custom plan</b>	Create your own service and discuss it with our satellite operation experts!

# Empower Your Satellite Business with IOPS

## Discover the Benefits of IOPS SPACE

Experience IOPS SPACE. Whether you're managing satellites or complex missions, our platform and operation experts provide reliable communication and control. Join now and simplify your satellite operations.



iops-space.framer.website

## Ground Station Antenna Details

Category	Specifications		
Frequency Bands	2.025~2.3GHz, 8.0-8.5GHz		
Antenna Gain S-Band TX	S-Band TX : ≥35dB	S-Band RX : ≥36dB	X-Band : ≥48dB
EIRP (Effective Isotropic Radiated Power)	51dBW		
G/T	S-Band : ≥14dB/k	X-Band : ≥27dB/k	
Pointing Accuracy	≤0.1°		
Antenna Velocity	AZ : 0.1~20°/s	EL : 0.1~20°/s	Tilt : 0.1~5°/s

\*If your demand is not listed, it does NOT mean that it is unavailable. Just check it out with us.



## Partner with Us

We are actively seeking strategic partnerships and are always ready to explore collaboration opportunities to expand our capabilities and strengthen our global presence. Whether you're looking to explore technical cooperation or business collaboration, we offer opportunities to innovate and grow together in the evolving space industry.

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