## DATA SHEET

| | |
|---|---|
| **Adaptable and Open** | Supports any fleet size and any third party interface. |
| **Multi-Mission Multi-Platform** | Homogeneous operations regardless of platforms present in the fleet. |
| **Low Cost** | Linux and COTS hardware and software integration third party vendor independence, low cost and long term maintainability. |

### Platforms Supported

| | |
|---|---|
| ASTRIUM | ***Eurostar2000/2000+, Eurostar 3000*** |
| BOEING | ***BSS 376, 601 BSS, BSS 601HP, BSS 702*** |
| RESHETNEV | ***Ekspress*** |
| ISRO | ***I-3000*** |
| MITSUBISHI ELECTRIC | ***DS-2000*** |
| Orbital | ***Star-2*** |
| LORAL | ***LS 1300 Classic, 2 Omega, Omega 3*** |
| ThalesAlenia Space | ***Spacebus 3000, Spacebus 4000*** |

### Customers

SES · NASA · MEASAT · Nilesat · ISRO · NOAA · eutelsat · HELLAS SAT · NBNCo · Star One · MITSUBISHI ELECTRIC · ASTRIUM · hispasat · RESHETNEV · GENERAL DYNAMICS C4 Systems · ARABSAT

Other GMV products for satellite operations:

***magnet*** ***smart payload*** ***focussuite*** ***flexplan***

**For more information about *hifly*® please visit us online at:**

**www.hiflycontrol.com**

**Email Us:**
**marketing.space@gmv.com**

# hifly®

A product by

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# hifly®

## COMPLETE SOLUTION FOR SATELLITE FLEET MONITORING, COMMAND AND CONTROL OPERATIONS

gmv® INNOVATING SOLUTIONS

## WHAT IS *hifly*®?

***hifly®*** is an enterprise satellite fleet monitoring and control real-time system product line.

- Specializes in intuitive controls for ease of operations.
- Can be deployed for a single small satellite or support fleets of 30 or more satellites. ***hifly®*** adapts to your growing fleet.

Operators worldwide have migrated their legacy system(s) to ***hifly®*** due to its robust modular design.

- Including the migration of the entire historical archived telemetry, databases, displays, operational procedures, etc.

## LOW COST, ADAPTABLE AND OPEN COTS

- ***hifly®***'s OS independent third party license free design minimizes the customizations needed to integrate a new spacecraft.
- Modular Service Oriented Architecture provides a SOAP web-services API. ***hifly®*** scales to any sized satellite fleet and integrates with existing ground control software.

***hiflyViews*** screenshot

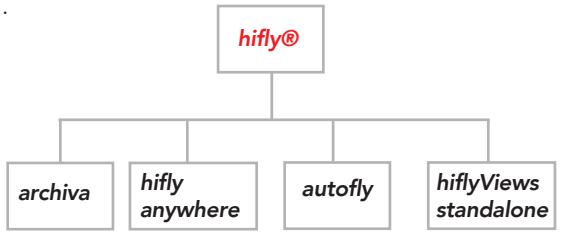
## *magnet* GROUND SEGMENT M&C SEAMLESS INTEGRATION

Seamless integration of GMV's ground segment monitoring and control system ***magnet*** for consolidated enterprise space and ground segment operations and automation in an all-in-one solution..


## *hifly*® COMPONENTS

***hifly®***'s product line includes five components for end-to-end command and control operations.

.




| | |
|---|---|
| ***hifly®*** | Satellite fleet monitoring and control |
| ***archiva*** | Pre-processed telemetry and statistics archive |
| ***autofly*** | Satellite procedures automation component |
| ***hifly anywhere*** | Remote satellite fleet monitoring and control |
| ***hiflyViews standalone*** | Standalone satellite telemetry parameters display |

Components of ***hifly®*** can be supplied on-demand, as well as be embedded with other systems. This allows customers to take full advantage of the latest technologies if maintaining the legacy real-time system core is required.

## KEY FEATURES

### *MULTI-MISSION, MULTI-PLATFORM, MULTI-USER*

- ***hifly®***'s database driven design enables the user to operate any satellite from any manufacturer of their choice.
- Role based user authentication design enables users to configure the system for role based access. An operator can control one spacecraft family while only monitoring another.
- Ground tools in ***hifly®*** are the same for any satellite platform, ground operators can be easily trained to operate various platforms.

## ERGONOMIC, INTUITIVE

***hifly®***'s HMI includes advanced graphical capabilities such as intuitive telemetry drag and drop display generation, custom mimic display creation, etc.

## HIGH PERFORMANCE

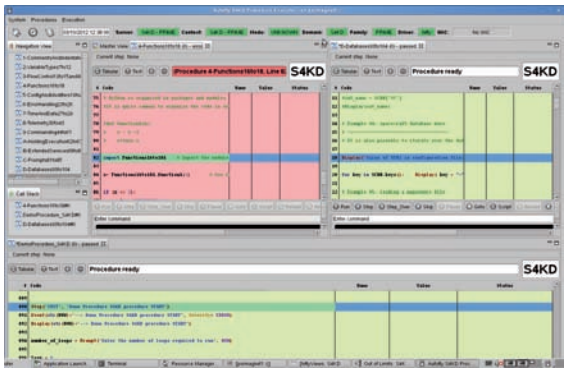
The fastest telemetry archival and retrieval system in the industry. A year's worth of data can be retrieved in less than 5 seconds.

## FLEXIBLE, SCALABLE, EASY TO MAINTAIN

***hifly®***'s highly modular design allows for new missions to be integrated and maintained without impact to operations.

## UNPARALLELED TRACK RECORD

More than 50 operational missions using ***hifly®*** technology with 100% mission success record.



***autofly*** screenshot