DATA SHEET

Platforms Supported

ThalesAlenia Space	*Spacebus 2000/3000/4000, Satelcom Proteus (Globalstar/O3b)*
ASTRIUM	*Eurostar2000/2000+, Eurostar 3000*
BOEING	*BSS376/BSS601/BSS702*
SPACE SYSTEMS LORAL	*SS/L 1300*
LOCKHEED MARTIN	*A2100*
MITSUBISHI ELECTRIC Changes for the Better	*DS-2000*
Orbital	*Star-2*
OHB	*Luxor*
RESHETNEV	*Ekspress*
ISRO	*I-3000*

Customers

cnes, esa, NASA, INTA, EUMETSAT, Intelsat, hisdesat, NOAA, eutelsat, ROSCOSMOS, TURKSAT, SPACE SYSTEMS LORAL, Orbital, yes OPTUS, Globalstar, Star One, ThalesAlenia Space, MEASAT, AzerSat, telenor, hispasat, HELLAS SAT, Nilesat, USGS, SKY Perfect JSAT Corporation, SES, THAICOM, WORLDSPACE, HARRIS

Other GMV products for satellite operations:

hifly ®
flexplan
magnet
smart payload

For more information about *focussuite* please visit us online at:

www.focussuite.com

Email Us:
marketing.space@gmv.com

focus
SUITE

A product by

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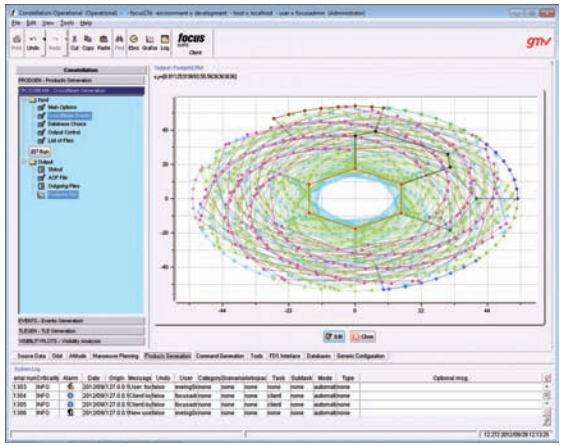
A UNIQUE PRODUCT LINE FOR ALL FLIGHT DYNAMICS OPERATIONS

gmv
INNOVATING SOLUTIONS

WHAT IS *focussuite* ?

focussuite GMV's advanced off-the-shelf flight dynamics solution for satellite operations. ***focussuite*** covers the needs for both the **end-user operations** and the flight dynamics system **developer configuration and analysis.**

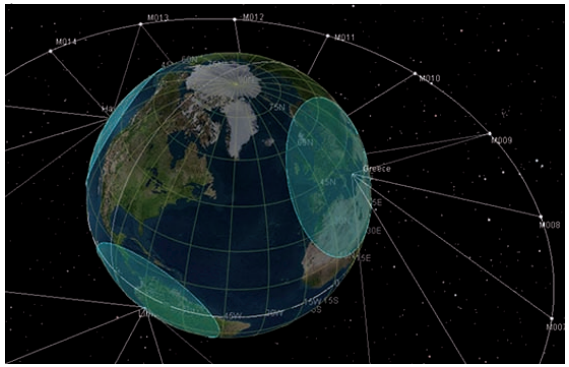
- Sets a new standard for COTS products by providing advanced functionality, reliability, flexibility and user friendliness.
- Framework oriented to minimize technical and programmatic risks, while greatly improving the efficiency of operations and reducing the risk of human error.



focussuite Human-Machine Interface

HUMAN-MACHINE INTERFACE

focussuite provides an ergonomic and efficient Human-Machine Interface optimized for flight dynamics operations. The ***focussuite*** HMI includes a custom toolkit for rapid Graphical User Interface development and maintenance, providing enhanced graphical plotting capabilities and a logging system.



focussuite 3D display

SUITE OF PRODUCTS

The ***focussuite*** family consists of products and tools for different orbital regimes and mission phases. All focussuite products and tools share the same reference architecture and many common components.

OPERATIONS PRODUCTS:

focus GEO — Full life cycle support of geostationary satellite operations.

focus LEOP — Flight Dynamics System tools for satellite launch and early orbit phase operations, including transfer strategies.

focus LEO — Flight Dynamics System tools for low and medium earth orbit satellites.

focus CN — Satellite constellation management support.

MISSION ANALYSIS SUPPORT

focus MATOOL — Definition, assessment and optimization of station keeping strategies for geostationary satellites.

focus CONSIGO — Multi-mission tracking scenario analysis to assess expected orbit determination accuracies.

focussuite KEY FEATURES

OPEN

focussuite provides a well-documented API to enable execution of the system functions from external systems.

EXPANDABLE, SCALABLE, ADAPTABLE

focussuite third party software, hardware and OS independence allows ease of integration and maintenance. It is possible to perform quick system updates and module upgrades without the need of performing a system rebuild. ***focussuite*** is portable amongst Windows, Linux and Unix operating systems.

ERGONOMIC USER FRIENDLY DESIGN

focussuite offers a visual HMI with advanced graphical capabilities including: Gantt charts, XY plotting, 2D and 3D displays.

FULL LIFECYCLE SUPPORT

focussuite supports each mission phase: Mission preparation and analysis, Launch, Early Orbit Operations, On-Orbit Operations and End of Life and De-Orbit Operations.

MULTI-MISSION, MULTI-USER, MULTI-ENVIRONMENT

focussuite supports multi-mission operations in any orbital regime including GEO, LEO, MEO and constellation missions.

RELIABLE

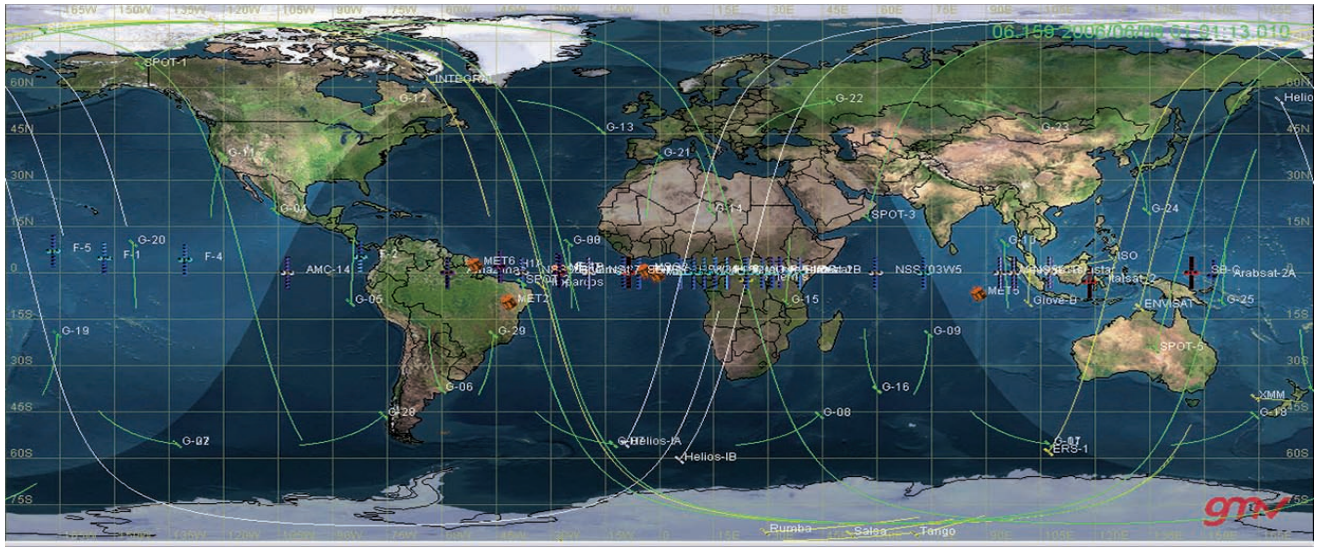
focussuite is database driven, providing multi-tiered privilege-based data access mechanisms. The system allows concurrent access and simultaneous operational scenario analysis.
Any operation can be undone and redone at the user request.

HIGHLY EFFICIENT

focussuite provides automation capabilities of flight dynamics operations.

100% FLIGHT PROVEN

More than 139 operational missions and counting.



focussuite 2D display of the missions supported by ***focussuite***