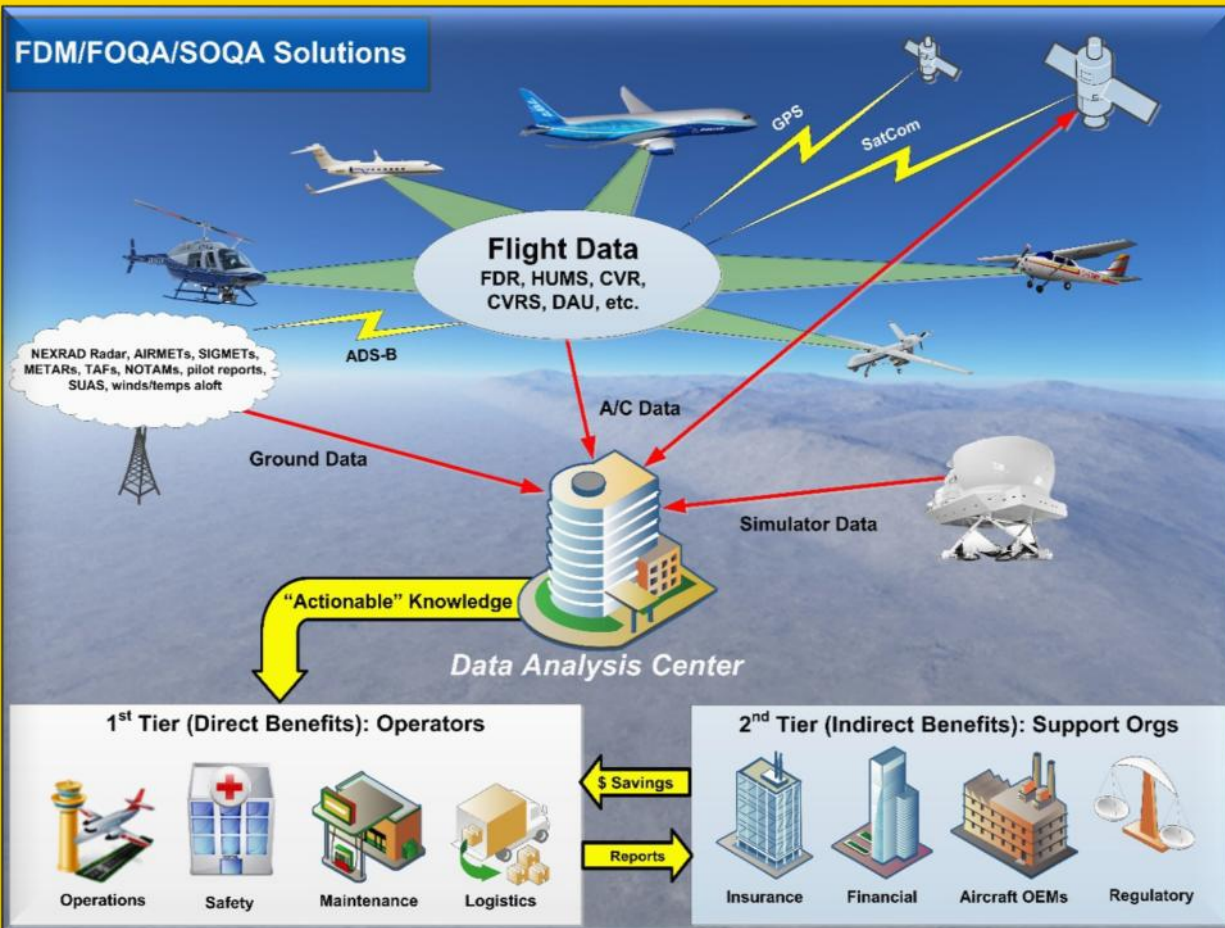




LEADERSHIP ★ INTEGRITY ★ COMMITMENT
EXCELLENCE ★ TEAMWORK

Aviation Data Analysis and Visualization



ISO 9001:2008 Certified

Veteran Owned Small Business

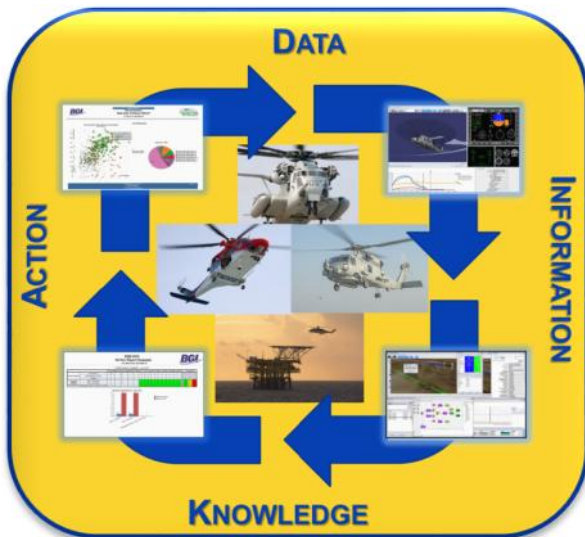
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TRANSFORMING REAL DATA INTO REAL SAVINGS

Our Legacy is Built on Aviation Data

BGI, LLC has been providing award-winning products and services to aerospace and defense customers for over 20 years. BGI's background in data analytics started in the military simulation and training market providing expertise in the development of After-Action Review (AAR) systems capable of utilizing data from multiple sources to provide debrief and analysis of training missions. Based on this foundation, BGI initially developed a debrief product suite in 2005 to provide synchronized playback of military fighter and training aircraft data and cockpit audio/video for customers worldwide.



BGI's product line technology was extended to support FOQA/FDM requirements and was selected as the US Navy MFOQA Flight Visualization and Data Analysis (FVDA) solution in 2008, which has since been fielded in support of both fixed and rotary wing platforms (F/A-18A/B/C/D/E/F, EA-18G, MH-60R/S, CH-53E, UH-1Y, AH-1Z). Through the investment of millions of dollars over the past decade, BGI has expanded our **Aviation Data Visualization and Analysis** capabilities to enable interfacing with a wide spectrum of aviation data sources (flight data, video, audio, maintenance, mission planning, offboard sensors, etc.) to conduct comprehensive aggregate analysis that leads to actions that result in real savings in **Maintenance, Operations, Safety and Training (MOST)**.

BGI is now bringing this mature technology and extensive FOQA experience to the commercial aviation market through a range of **Aviation Data Visualization and Analysis** software products and services to support your requirements.

BGI's FDM/FOQA/SOQA solutions include the following features and benefits:

Data Analytics

- **Local**
 - ✓ Per Flight Events/Exceedances
 - ✓ Aggregate Events/Exceedances
 - ✓ Time-Critical Events/Exceedances
- **Cloud**
 - ✓ Fleet Aggregate Events/Exceedances
 - ✓ Fleet Trending ("Big Data")
 - ✓ Statistical Relationship Analysis
 - ✓ Cause and Effect Analysis

Information Visualization

- **Data Visualization**
 - ✓ Web Dashboard
 - ✓ Flexible Report Formats
 - ✓ Ad Hoc Reports
 - ✓ Local Reports
- **Flight Visualization**
 - ✓ 2D/3D Replay
 - ✓ Cockpit Instrumentation
 - ✓ Synchronized Video/Audio

Flexible Architecture

- **Automation**
 - ✓ Scheduled Analysis
 - ✓ Report Publisher
- **Data Management**
 - ✓ Ingest Data From Multiple Sources
 - A/C (FDR, HUMS, CVRS)
 - Support (SATCOM, WX, ATC)
 - ✓ Real-Time Data Support
 - ✓ Data Warehousing

Scalable Solutions

- **FDM/FOQA Subscription Tiers**
 - ✓ Customized And Priced Based On The Individual Needs Of Our Customers
 - ✓ FDM Services
- **Data Analysts Services**
 - ✓ Maintenance, Ops, Engineering
- **Support**
 - ✓ OEMs/Hardware Integration
 - ✓ FAA Compliance

Ask how BGI can reveal the **SAVINGS** hidden in YOUR data!