

The most intuitive, flexible, and easy to use GIS software solution.

OPERATION	SYSTEM CAPABILITIES
Data handling and	Dynamic (time-based), 3 dimensional home for data, visualization is 2
visualization	dimensional with interactive drilling and slicing of dynamic 3 dimensional fields;
	handles both real-time data streams as well as historical data
<b>Database Access</b>	Provide ODBC connectivity to relational databases and has "Database Wizard"
	for automated parsing of database fields into the GIS database. It will also
	provide advanced interfaces to on-line data sources including DiGIR taxonomic
	queries utilized by the Ocean Biogeographic Information System (OBIS),
	NetCDF formats used by PMEL's Live Active Server, and NVODS, handles
	protocols recommended by the IOOS DMAC.
Multimedia	Provides home for audio and video information as well as full connectivity to
	Fetch Agents in particular will provide capability to exploit Navy and NOAA
	archives. These agents will constantly employed, providing the latest data as well
	as keeping the Mediator repository up-to-date.
<b>Quality Control</b>	When data is presented in 4 dimensional maps errors in time and location are
	quickly apparent. An outlier statistical analysis will be included as an algorithm
	in the GIS
Data Fusion	Has built-in contouring package for creation of contour plots and false color
	images; has applications programming interface for visual basic, FORTRAN, and
	C customized integration of models and algorithms
Satellite Imagery	Advanced interface for automatic downloading satellite imagery into GIS,
	handles over 30 types of formats commonly used by the oceanographic
	community
Data storage &	Almost all data and imagery are stored in native and commonly used formats
connectivity to	including shapefiles and other vector formats
traditional GIS data	
Internet	GIS can be run in desktop mode on a PC and then easily transformed into a web
	mapping service by simple activation of Netviewer plug-in; all data and imagery
	in the system can be downloaded interactively to the client

## **System Science Applications, Inc.**

www.runeasy.com