

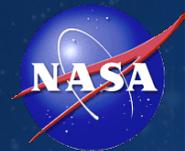


# INDUSTRIAL BASE MANAGEMENT



## Deep Dive Industrial Base Survey NASA Data Analysis

*Ted Bujewski  
Supply Chain 2012  
October 17, 2012*



# Uses for Deep Dive Data

## ❖ Provides insight for strategic acquisition planning

- What capabilities can industry provide at a reasonable cost?
- What technologies/systems do we partner on (internationally or domestic)?
- What are the cross-agency impacts of agency decisions?

## ❖ Proactively identify and mitigate supply chain risks

- Loss of supplier, component, capability, etc
- Focuses limited auditing resources

## ❖ Identify cross Program/Agency commonality

- Facilitates standardization
- Leverages buying power
- Reduces operations costs

## ❖ Leverage investments across agencies and programs

# Survey Data Processing



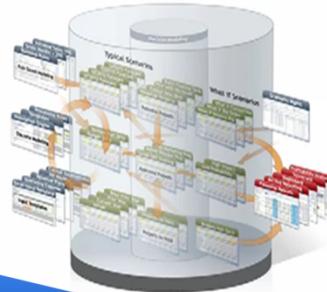
## COLLECTION

DoC Surveys



## STORAGE

Relational Data Base



Data Extraction and Upload

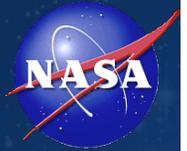
## VISUALIZATION



Geographical Mapping



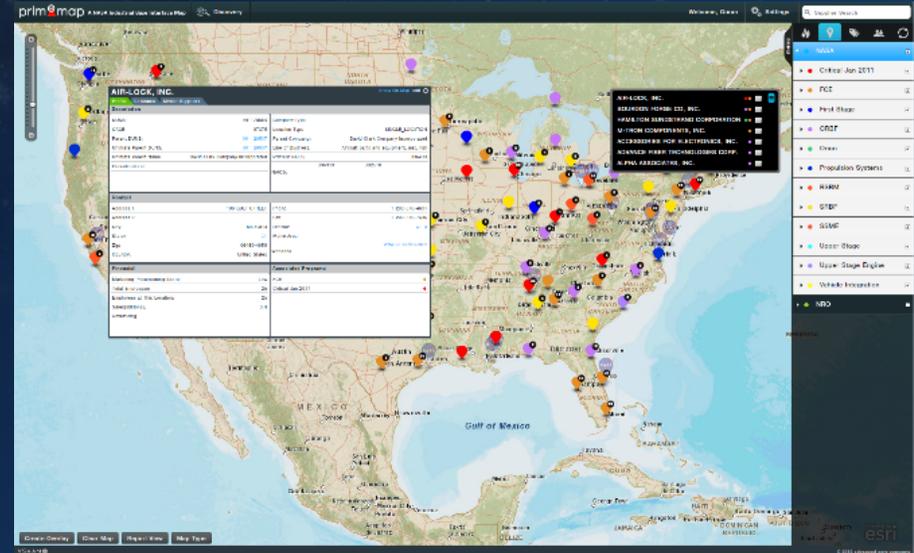
Customized Reports



# Analysis Tools

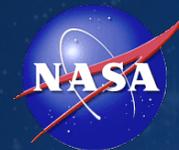
## PrimeMap

- ❖ Graphical web based interface
  - Geospatial map, tabular, org chart style,
- ❖ Automatically updates data
- ❖ Multiple analysis modules
  - Supplier discovery
  - Congressional districts
  - Natural or man-made risk identification

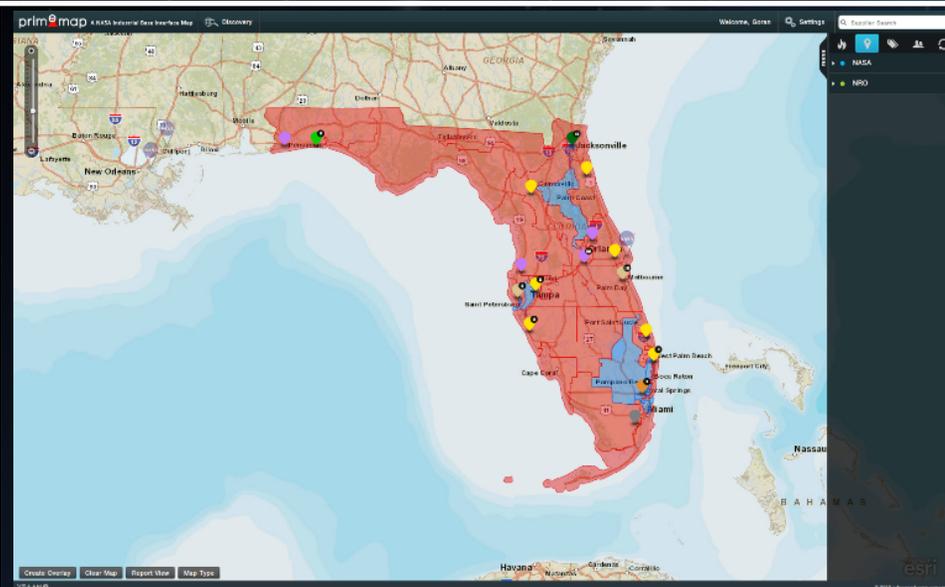


## Custom Analytics Reporting

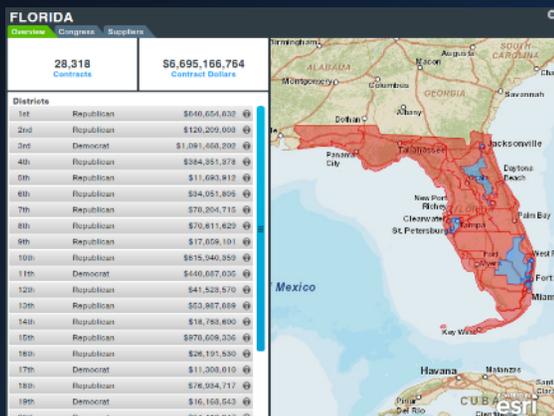
- ❖ Generate interactive ad hoc reports
- ❖ Intuitive, drag-and-drop user interface
- ❖ Create charts and tabular reports
- ❖ Export reports to multiple file formats
- ❖ No need to know SQL or technical details



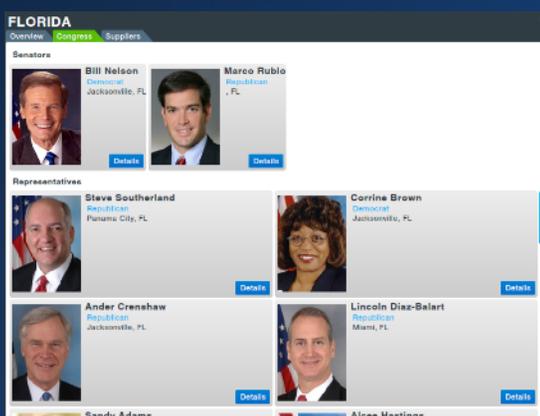
# PrimeMap – Congressional Districts



- ❖ View suppliers within districts
- ❖ Legislative information on each district/state
- ❖ Economic data correlated by state/district
  - Prime contract dollar
  - Number of employees by district



Federal contract dollars by State/District



State Congressional Representation

FLORIDA	
Overview	Congress
<b>State Suppliers</b>	
Company Name	Location
The Eiser Corporation	Pinebluff Park, FL 32750
Karman Aerospace	JACKSONVILLE, FL 32218
1 NATION ELECTRONICS	OLDEMAR, FL 34877
AMTTK	LARGO, FL 33773-2713
CONAX FLORIDA CORPORATION	ST PETERSBURG, FL 33710 2938
DEFENSE TECHNOLOGIES, INC.	CAMP CANAVERAL, FL 32920-0511
DIRECT COMPONENTS, INC.	TAMPA, FL 33611 3033
FLORIDA SEMI, INC.	SUNRISE, FL 33051-7902
GENESIS VII, INC.	TITUSVILLE, FL 32780 9607
HURRICANE ELECTRONICS, INC.	CORAL SPRINGS, FL 33071-5333
IMPACT INDUSTRIAL SUPPLIES, INC.	TAMPA, FL 33634-4410
I-NET TECHNOLOGIES, INC.	DELRAY BEACH, FL 33483-6955
THE RIGHT CHOICE ELECTRONICS	ST. PETERSBURG, FL 33714-3101
AERO HARDWARE & SUPPLY, INC.	MIAMI SPRINGS, FL 33166-7302
AEROSPACE SPECIALTIES, INC.	MILBURN, FL 32905-2169
ALLTEX SEAL & PACKING CO., INC.	JACKSONVILLE, FL 32248-0750
APPLIED INDUSTRIAL TECHNOLOGIES	ORLANDO, FL 32818-0037
ASSEMBLY FASTENERS, INC.	APOLKA, FL 32703 4532
BISCO INDUSTRIES, INC.	ORLANDO, FL 32820-0033
BOGGS AEROSPACE GASES	TITUSVILLE, FL 32706 9420

Suppliers by State/District



# PrimeMap – Supplier Discovery and Classification



Vendor Search

Supplier Discovery

Company Name	Search Score	Survey Score	Classifications
DEIT DESIGN HARDWARE LTD	0.974	0	
Hughes Danley Group, Inc.	0.921	0	
Ice Industries Inc.	0.920	0	
3M	0	0	
ALL	0	0	
KM	0	0	
AM	0	0	
MT	0	0	
NAT	0	0	
SCA	0	0	
ISL	0	0	
CAF	0	0	
MO	0	0	
MC	0	0	
WV	0	0	
VE	0	0	
TH	0	0	
AR	0	0	
MO	0	0	
E-G	0	0	
OS	0	0	
TC	0	0	
NO	0	0	
C & P MACHINE COMPANY, INC.	0.950	0	

Company Name: THERMAL SOLUTIONS INTERNATIONAL, INC.  
SBA Data: Small Business ID: 394740, Last Updated: 7/26/2008 12:00:00 AM  
Firm Name: THERMAL SOLUTIONS INTERNATIONAL, INC.  
Year Established: 2007  
Address: 143 RIFTHAVEN LN, SURE VALLEY, CA, 93965-7488  
Contact: AMAND HANDELAY  
Phone Number: 805-277-8110  
Email Address: amand@thermal-solutions.us  
Website URL: http://www.thermal-solutions.us  
Fax Number: 805-277-7804  
County Code: 111  
Congressional District: 24  
Incorporated Country: USA  
Incorporated State: CA  
Metro State Area: 8735  
Legal Structure: SC

## Supplier Discovery

- ❖ Uses web crawler to search and index suppliers
- ❖ Produces a list of suppliers ranked by relevance of capabilities
- ❖ Validates supplier classification using external VA and SBA data sources

## Supplier Classification

- ❖ 8(a)
- ❖ HubZone
- ❖ Women Owned
- ❖ Veteran Owned
- ❖ Minority Owned
- ❖ Native American
- ❖ Etc.

