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AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY











Industrial Capabilities and Warstopper Program

Luis Villarreal 24-25 August, 2010



Agenda

- Warstopper Program
 - Warstopper Overview
 - RFI/RFQ Process
- eCAP
 - eCAP Overview
 - Frequently Asked Questions
- IBex



Warstopper Program Background



In Response DoD created Program Element 0708011S, Industrial Preparedness as provided in DoD 7045.7-H



Warfighter Readiness Solutions

Science & Technology

Innovation in Products

Title III

Establish Capability

War Reserve Material

War Reserve items

DMSMS

Manage obsolescence

Working Capital Fund

• DLA Procurement Solutions

Warstopper

- Industry/Business Solutions
 - Mitigate surge constraints

Manufacturing Technology

- Lead Time Reductions
 - Lean Manufacturing

<u>DPAS</u>

Establish Priority



Warstopper Program Criteria

- Mission Essential or Critical*
- Low peacetime demand but high wartime demand*
- Limited shelf life*
- Long production lead time*
- Cost effective alternative to War Reserve Inventory**

^{*} Congressional guidance HR 102-311

^{**} DoDI 3110.60 War Reserve Materiel Policy



Industrial Base Preparedness

Benefit To The Industry

How The Program Works (Government Investment):

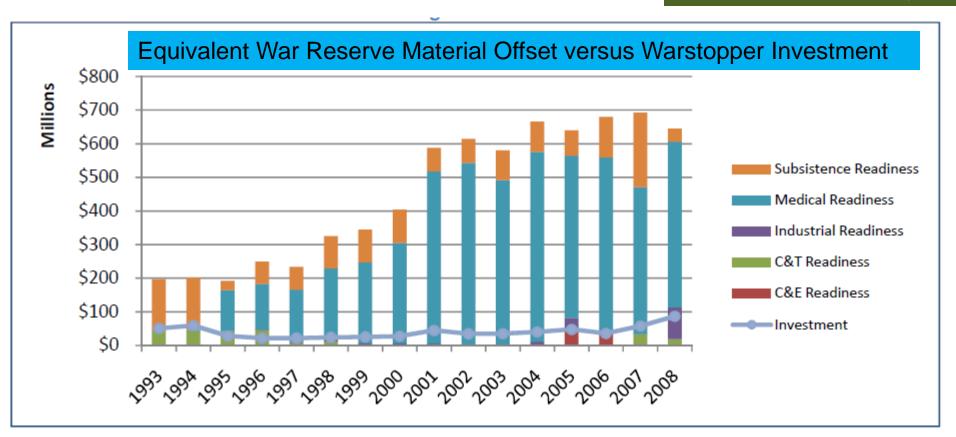
- Provide lean six-sigma analysis to maximize vendor capacity
- Provide industrial equipment
- Stage raw material, subcomponents, raw material buffers (vendor managed inventory)
- Award industrial base maintenance contracts to maintain vital domestic industry





Return on Investment

Benefit To The Tax Payer



September 30, 2009 Warstopper Return on Investment Analysis

The Warstopper Program has led to cumulative inventory cost avoidance of over \$4.3B through the investment of approximately \$637M over the program's lifetime. After the costs of the investments, the total cost avoidance to DoD is over \$3.6B. The resulting ROI is 6.8:1 over the program's life.



FY09 Sample Investments

Benefit To Warfighter



by 85% in first 180 days.

Marines attached to the 24th Marine Expeditionary Unit,, lay down AM2 matting while in Kandahar Province, Afghanistan.



Soldiers pull a tab to activate the UGR-E

Unitized Group Rations-Express: \$1.8M invested for Government-furnished equipment that increases surge output by 15% in first 180 days.

AM2 Matting: \$6.1M invested for long lead

time extrusions that increase surge output



A Marine wears a flight suit made of NOMEX®

 Nomex® Fiber: \$1.37M invested in vendor managed buffer of Nomex fiber that increases surge output of fire retardant items by up to 54% in the first 180 days.



Operational Investments: Successes

Class IX Successes	Bradley Fighting Vehicle (BFV)	Reverse Osmosis Water Purification Sys		Cesium Lamp (IR Countermeasures)		
Weapon System(s)				**************************************		
Supply Chain	Land	Land	Land	Aviation		
Warstopper Investment	Prepositioned long lead- time special steel	Invested in staging of critical parts at distributor (Customer Direct Contract)	Prepositioned critical raw material, invested in automation and completed LSS studies	Prepositioned raw materials and key subcomponents		
Results of Investment	Reduced PLT from 571 to 77 days; 130% increase in production	Reduced PLT to > 30-days; with initial capability to ship immediately	Increased production capability by 152% in the first 90 days	360-day PLT reduced to 30-days		
Cost (ROI)	\$310K (8.4)	\$677K (2.0)	\$9.5M (6.9)	\$553K (2.2)		
Situation	Surged 1300% above peacetime level	Manufacturing capability lost-hurricane Katrina	Suppliers ready to meet surge	Service stocks exhauste prior OIF/OEF		
Execution	Race-supported increased overhaul/repair production of BFV transmissions	6 -Valve Diaphragm Assembly-kept theater ROWPUs in operation over 12-month period	Have not had to execute yet	DLA issued order to fill lamp inventory prior to start of OIF – zero wartime backorders		

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Warstopper RFI/RFQ Overview

- Offers proactive approach for identifying potential areas for Warstopper investments to address readiness concerns.
- Gives industry an avenue to propose potential investments that improve their capability to meet go-to-war requirements.

Potential RFI/RFQ focus areas:

- Barrier Material
- Lean Studies
- Bearings
- Combat Rations
- Personal Protective Gear (i.e., body armor, Fire Retardant uniforms, JSLIST)
- Small Arms

- Medical Material (i.e. vaccines, short life reagents, injectable drugs, medical equipment)
- Fasteners
- Electron tubes
- Power sources (i.e. batteries)
- Tents & Shelters



Warstopper RFI/RFQ Overview

- Proposals must meet the basic Warstopper criteria:
 - Mission Essential or Critical items with low peacetime demand but high wartime demand and a limited shelf life or long production lead time
 - Must be a cost-effective alternative to War Reserve Inventory
- Format is provided for proposals to ensure the following information is included in submission:
 - Targeted NSNs
 - Demand history on Items
 - Supply chain assessment that clearly identifies the constraint
 - Description of the proposed improvement
 - Time phased funding requirement
 - Return on Investment (ROI) calculation



Industrial Base Special Studies

- Industrial Base Analysis/ Capability Assessment
 - Traditional studies that include manufacturer interviews, site visits, and supply chain capacity analysis
 - Recommendations may include buffer / safety stock / equipment investments, or a minimum sustainment rate
 (MSR) investment
- Acquisition Policy Issues with Industrial Base Implications
 - Analyzing DoD acquisition programs and approach and how they affect a given supply chain segment
 - Recommendations may include adjustments to acquisition strategy/ approach, pursuing a more cohesive acquisition strategy across DoD
- Lean Six Sigma & Supply Chain Simulation of Warstopper Item
 - Deep dive studies that require significant data collection and process modeling to improve production capability or reduce defect risk
 - Recommendations may include production facility optimization or equipment investments to reduce waste, process variation, and defects
- Supply Chain & Acquisition Benchmarking Leading Practices
 - Identify leading practices for commodity support of other "peer" organizations, e.g. tire sourcing
 - Provide improved supply market intelligence to better drive DLA's sourcing strategy

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Electronic Capability Assessment (eCAP) Plan

Aaron Craft 24-25 August, 2010



Introduction

- The eCAP application collects the suppliers':
 - Capability to meet the wartime Surge and Sustainment (S&S) demand, and
 - Industrial base investment opportunities.
- Suppliers self-register to use eCAP and control access to their data
- Suppliers print self-assessment and submit with bid



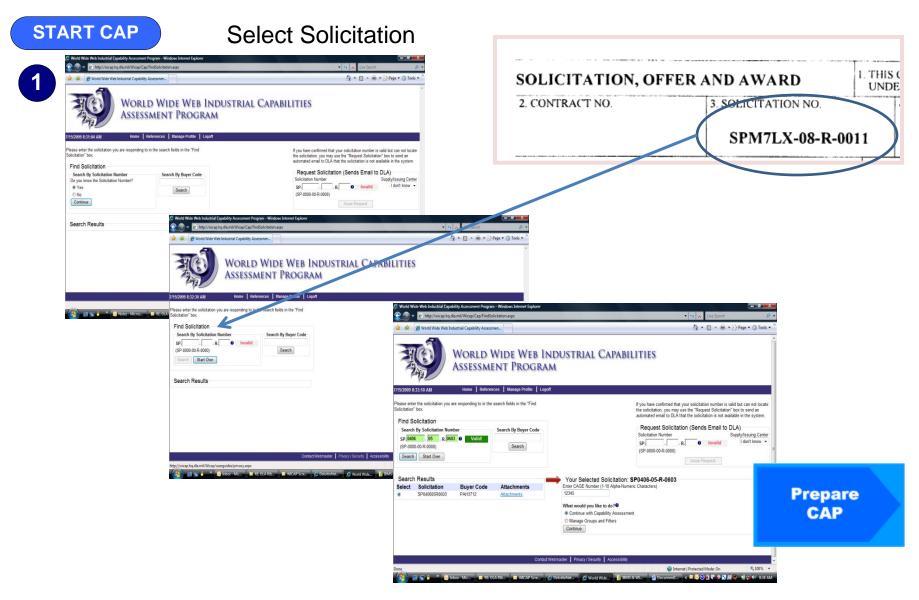
eCAP - Agenda

- System Login
- Select Solicitation
- CAP Self-Assessment:
 - Capability to deliver Services' go-to-war requirements
 - Production constraints preventing requirement delivery
 - Opportunities and costs to mitigate constraints
- Self-Assessment Reporting
 - Review
 - Print
 - Submit
- FAQ

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eCAP - Select Solicitation



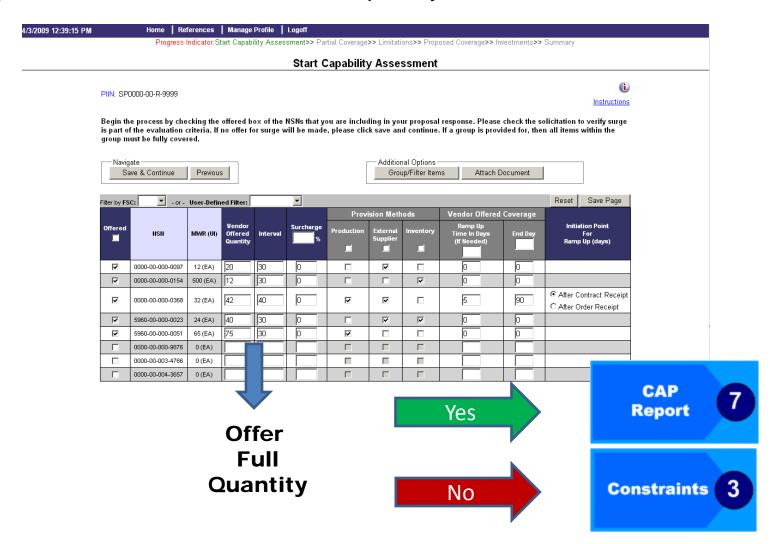


eCAP - Identify Capability

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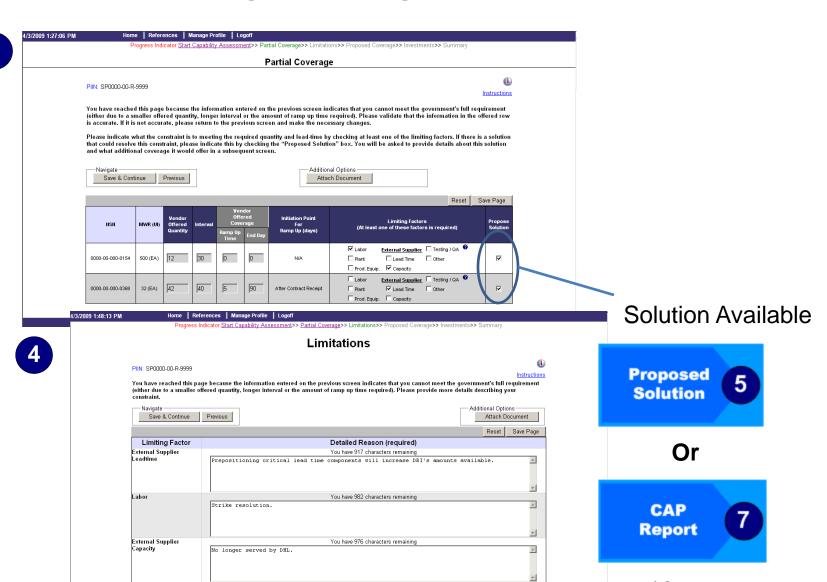
Start Capability Assessment



Contact Webmaster | Privacy / Security | Accessibility



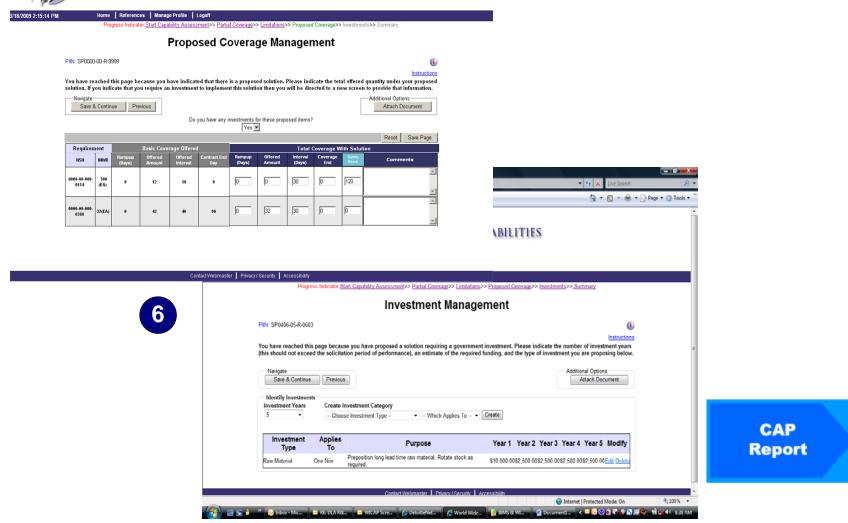
eCAP - Constraints





eCAP - Proposed Solution

WORLD WIDE WEB INDUSTRIAL CAPABILITIES ASSESSMENT PROGRAM





eCAP - Self-Assessment Report



CAP Summary

Company Name: Bearing Point
CAGE: 54321
Date Completed: 3/18/2009
Completed by: Joe Vendor
Solicitation Number: \$P000000R9999

(Formerly PIIN)

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Part 1 - S&S Coverage Capability

Additional quantities of an item that must be shipped to DLA for each 30-day period, assuming you receive the order up to the full quantity at the beginning of each period.

NSN/GROUP	MWR	UI	Offered Amount	Offered Interval	Ramp Up Time In Days (If Needed)	End Days	Initiation Point For Ramp Up (days)	Surcharge	Provision Methods	Limitations	
0000-00-000-0097	12	EA	20	30	0	0	0 N/A		External Supplier	plier	
5960-00-000-0023	24	EA	40	30	0			External Supplier, Inventory			
5960-00-000-0051	65	EA	75	30	0	0	N/A 0 Production		Production		
0000-00-000-0154	500	EA	12	30	0	0	N/A	0	Inventory	Labor, Capacity	
0000-00-000-0368	32	EA	42	40	5	90	After Contract Receipt	0	Production, External Supplier	Leadtime	

- Review
- Edit
- Print
- Submit with Offer

Part 2 - Description of Constraints

The Offeror certifies that the constraint is factual

Catagory.	Constraint Description
External Supplier Leadtine	Prepositioning critical lead time components will increase DBI's amounts availab
Labor	Strike resolution.
External Supplier Capacity	No longer served by DHL.

Part 3 - Proposed Solutions & Government Investments Required to Obtain S&S Coverage Capability

Part 3.1 - Coverage to be Gained

The Offeror certifies that they cannot deliver the stated quantities according to the surge delivery schedule without implementing the proposed solution. The Offeror also certifies that the solution offered is the most efficient method to resolve the S&S capability shortfall. If a government investment is required it is indicated in Section 3.2.

Numbers reflect data after the Proposed Solution is implemented.

NSN/GROUP	MWR	UI	Amount	Interval	Rampup Time	End Days	Safety Stock	Comments
0000-00-000-0154	500	EA	0	30	0	0	120	
0000-00-000-0368	32	EA	32	30	0	0	0	

Part 3.2 - Funding Requirement to Obtain S&S Coverage

Costs applicable to coverage gained on items in Part 3.1.

Investment Cost Details

Cost	Purpose											
Long Lead-Time Components	sadfhisykga	One Nijin	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Part 4 - Group Items Detail

Here is a break down of which items are incorporated into the groups mentioned above.



Part 5 - Uploaded

There are no Uploads for this Cap





eCAP - FAQ

Q: How do I get an account to access eCAP?

A: WICAP allows users to create their own accounts. Simply access the WICAP website, click the "New User Registration" link under the log in area and enter the requested data.

The first user to register under a CAGE code is the CAGE Administrator.
 The CAGE administrator is responsible for making all new accounts for their CAGE code.

Q: I forgot my password, how do I get a new one?

A: WICAP users are able to request a new password right from the WICAP website. Simply access the WICAP website, click the "Forgot Password?" link under the log in area and enter the requested data. You will need your username and email address in order to request a new password. If you do not have these pieces of information contact WICAP Support.



eCAP - FAQ

Q: How should "offered quantity" be stated?

A: Only state what you can do. Surge sourcing is built into eProcurement so expect surge orders.

Q: Is the offered surge quantity in addition to the peacetime delivery requirement?

A: Yes.

A: How do distributors select a provisioning method?

Q: It depends on whether they will deliver from distributor inventory or from external supplier.

A: Am I required to establish inventory?

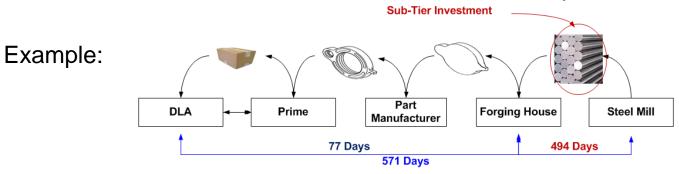
Q: No the Government is not specifying what you should do to meet the offered requirement. You should determine the method. Distributors should work with their sub-tier suppliers to obtain support agreements and/or to identify industrial solutions.



eCAP - FAQ

Q: If I need support for a sub tier supplier, should I include them in the solution investments required?

A: Yes, if the best value solution is to make an investment at the sub-tier level. No, if the best solution is to stock the finished sub-component item.



Q: How can I get more assistance?

A: An introduction to eCAP can be found on the WICAP website. Access WICAP and click the, "eCAP Walk-Through Document" link. If you need further technical assistance please contact WICAP Support using the Contact Webmaster (link available at the bottom of each WICAP webpage).

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IBEXIndustrial Base Extension Program

Joan Lutz 24-25 August, 2010



Industrial Base Extension Program (IBEX) Introduction

 Logistics readiness planning (sourcing) tool utilizing data from global logistic providers.

 Provides OCONUS sourcing information to government and military planners for manufacturing, logistics, storage and transportation.



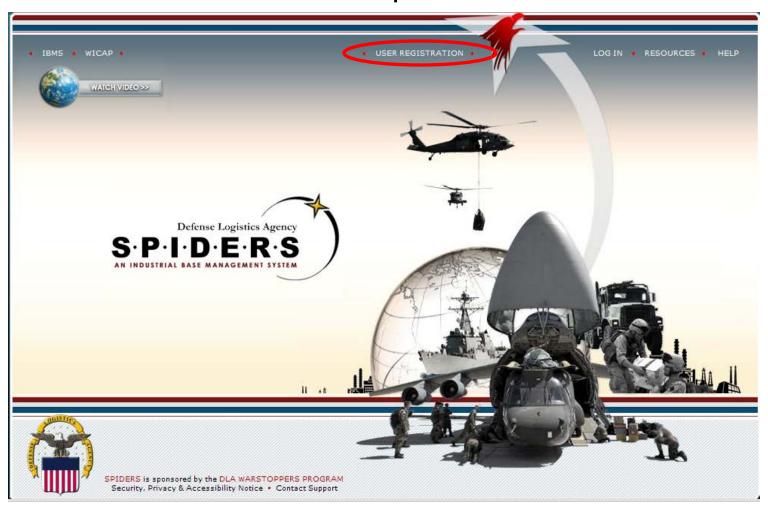
IBEX - Agenda

- System Login Via IBMS-SPIDERs
- Macro information for Global Support
 - Add Support Area
 - View Capabilities in Area
- Vendor Profiles
- Other Tools
 - Reports
 - Alerts
 - Collaboration
- IBEX²



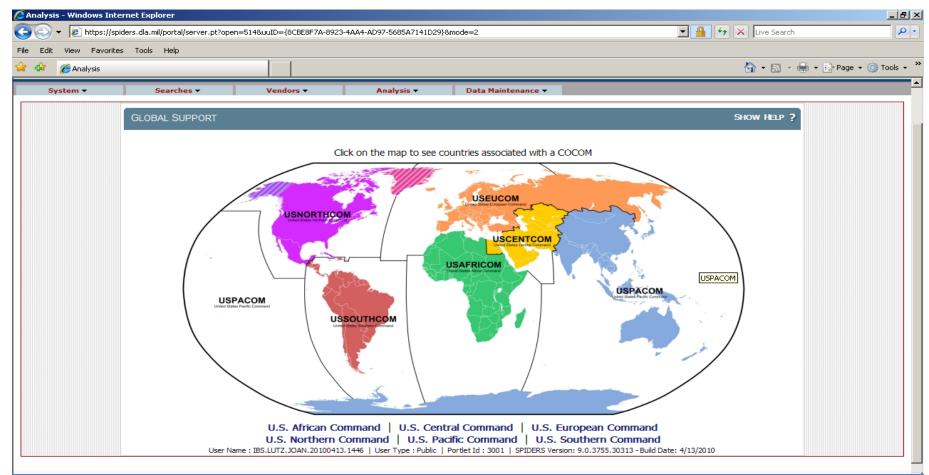
Access IBEX via SPIDERS System

 IBMS-SPIDERS is a secure web application that requires vendor users to be PKI compliant





MACRO Information Supports Unified Combatant Commands

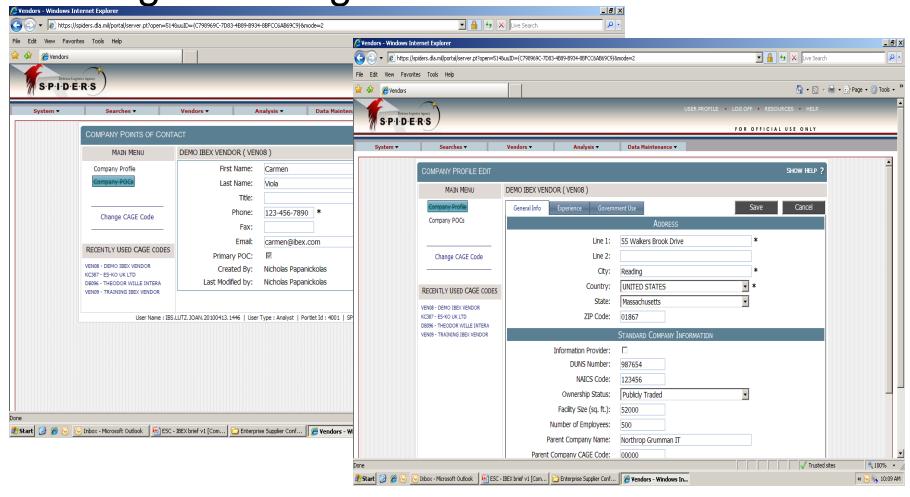


Objective: To maintain industrial base vigilance over OCONUS assets which can be utilized during a contingency or national emergency



Vendor Profiles

 Secure contact information used by IBEX Program Manger





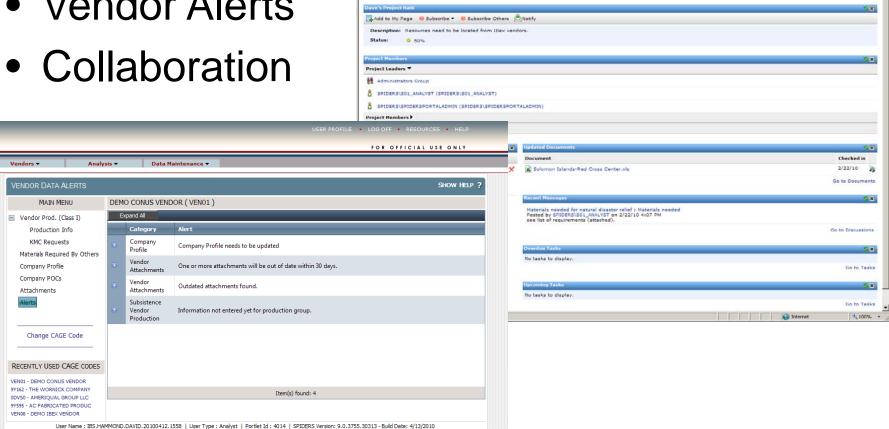
DERS Support

Other Tools/Utilities

Dave's Project Haiti

rver.pt/gateway/PTARGS_0_205_212_201_295_43/http%:38/angstrom.it-protect.com%:3811930/collab/do/protect/overview?profID=140#

- Vendor Reports
- Vendor Alerts



& Overview D Calendar D Tasks Documents Add Module Expand All Collapse All Default Layout

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Execution of the Industrial Base Extension

Welcome to IBex²



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