Headquarters U.S. Air Forces in Europe

"Bring Your Courage"

GeoReach/Expeditionary Site Planning Portal Leveraging GeoReach Technology



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Background: COMUSAFE Intent

COMUSAFE

"Almost every functional area has some data about bases. We ought to have one place we can go and have access to all of them... Put together a cross-functional team to ensure this happens. Go out and find out where all the databases are that we want to include." COMUSAFE (after USAFE/CERG Jul 02 GeoBase/GeoReach presentation)

- USAFE CERG stands up the GeoReach Program
- User Requirements Analysis by CERG outline resources and needs of LG, IN, JA, XP, SE, SV, SC, CE, SG, PA, DO, SF
- USAFE CERG and LGX team together to produce an integrated web based solution based on GeoReach technology
- The ESP2 Provides direct mission support based on planning provided by the CE, DO LG and XP communities



ESP2: Vision & Mission Statements

VISION

"Provide war planners a one-stop collaborative decision support system to facilitate timely and thorough "use" analysis and assessments of sites based on pre-existing site surveys, airfield databases and authoritative information sources."

MISSION

"Design, develop and deploy a user-friendly system capability to enable the Agile Site Planning concepts and to ensure system sustainability."



From Concept to Reality

<section-header></section-header>	EXPEDITIONARY SITE SURVEY PROCESS CONOPS CONOPS U.S. AIR FORCE U.S. AIR FORCE HQ USAF/ILG Version 3.0	<section-header><section-header><section-header><text><text><text></text></text></text></section-header></section-header></section-header>
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ESP2 applies emerging Air Force concepts and provides a solution for war planners in both deliberate and crisis action planning



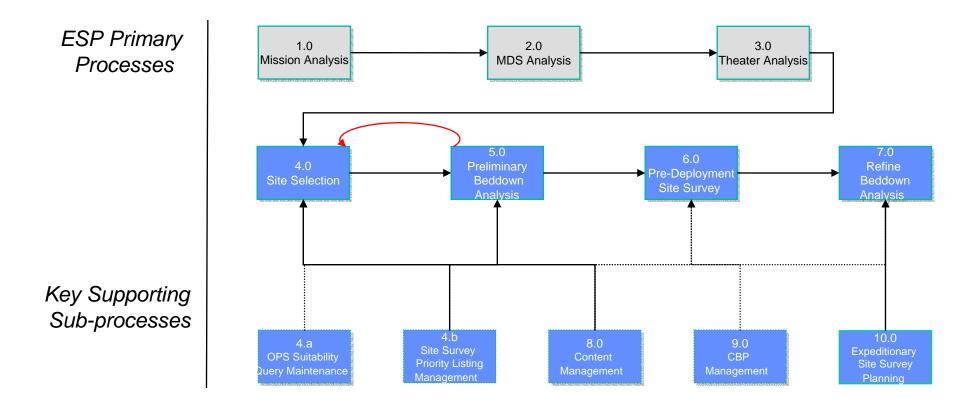
Process Enhanced by Technology

Process:

- Documented, Sustainable, Repeatable ESP Process
- From: Orders to plan for mission
- To: Mission Launch
- **Technology:**
- Web based approach based on GeoReach mapping efforts
- Technology enhances/enables each step in the ESP process

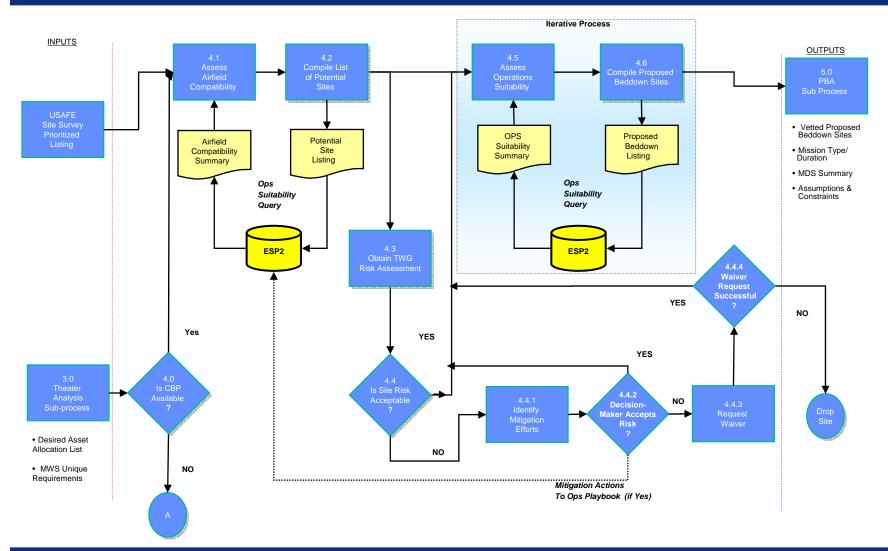


ESP2 Processes



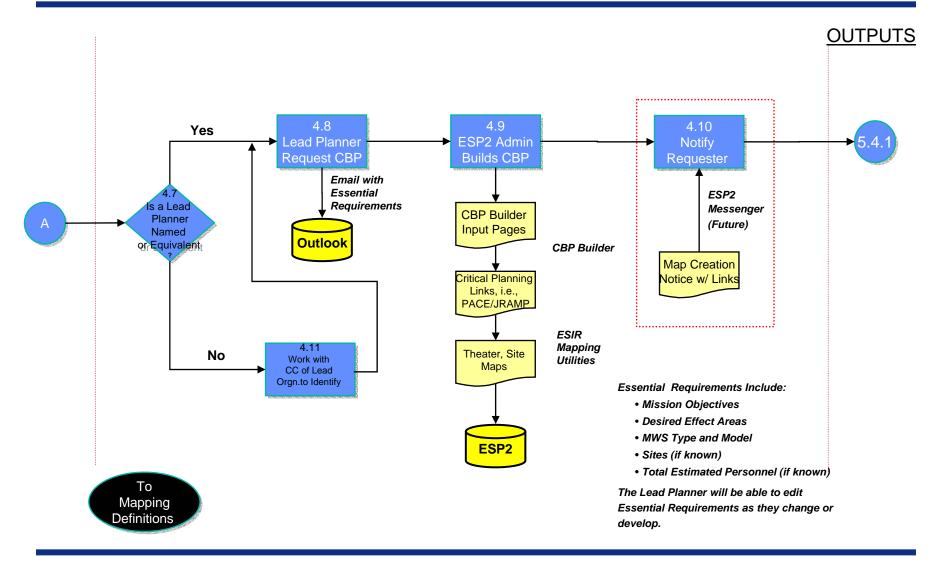


ESP2 Sub-Process 4.0 (Site Selection)





ESP2 Sub-Process (Building CBP)





ESP2 Technology

ESP2 Portal – Major Components

1. OPSQ/OPSA Operation Suitability Query/Analyzer

- Query all AFFIF data and/or weapon systems graphically or by criteria selection
- Analyzer inputs weapon system suitability and compatibility for a site
- Report Generation

2. CBP Contingency Basing Playbook

- Build Playbooks
 - Assign Public/Close hold

View Playbooks

- Public and (if assigned) close-hold
- View sites assigned to Playbook
- View SOR Statement of Requirements to bring sites operational
- View weapons systems assigned to sites
- View number personnel assigned to sites

3. SOR Statement of Requirements

- Build SOR for Theater/Playbook and individual sites in a playbook
- SOR by functional unit
- ROM Cost

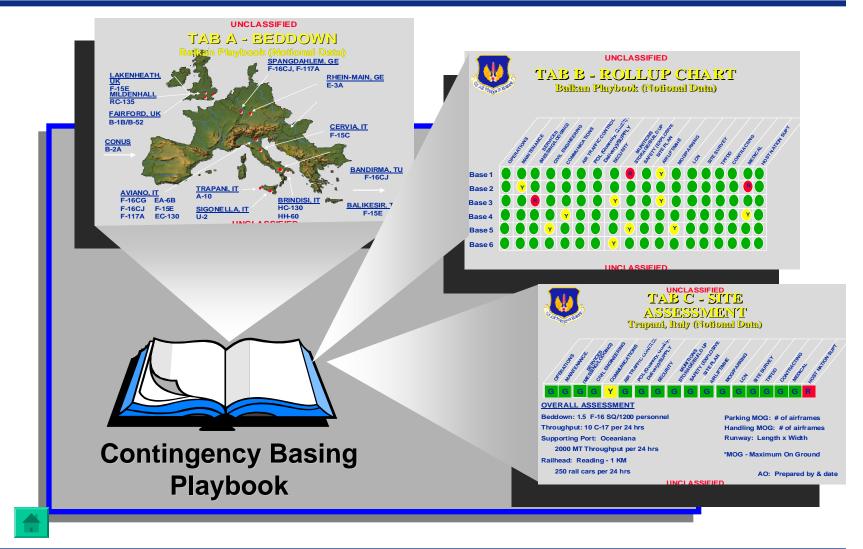


Contingency Basing Playbooks

- Decision support tool which identifies a pre-planned basing strategy prior to a contingency
- Provides macro view of capabilities of potential beddown sites
 - By specific region
 - By specific mission
- Resource use and consumption through SOR
- Shortfalls and limiting factors



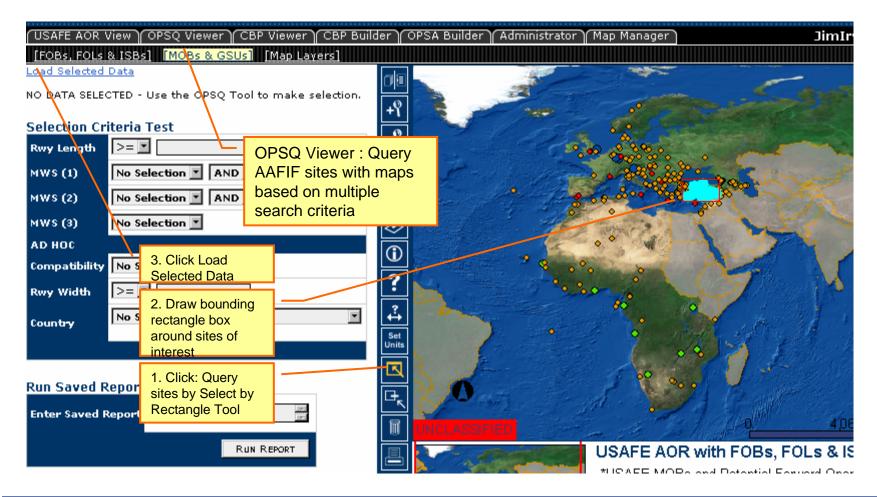
Contingency Basing Playbooks





UNCLASSIFIED ESP2 Portal- OPSQ

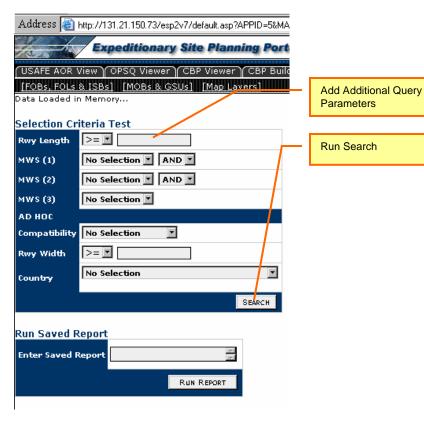
Operation Suitability Query: Enhancing the GeoReach AAFIF Query Tool





UNCLASSIFIED ESP2 Portal- OPSQ

Query Search



Query Report

List of I	OPSA Sites			
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UNCLASSIFIED ESP2 Portal- OPSQ

Complete Query Report

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0325-08661	GYANDZHA		AJ	8211/144
0324-08641	KOPITNARI		GG	8208/144
0325-08671	KYURDAMIR		AJ	8200 /130
0325-08711	LOCHINI		GG	8213/196
0324-08615	MAKHARADZE		GG	7752/134
324-08618	MIKHA TSKHA	КАҮА	GG	7900/130
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Compatibility Report

Compatibil	ity Report - Mond	ay, I	34		
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	MWSRange:				
	Wpns Storage:				
	Hazardous Mat:				

Suitability Report

Suitability Report - Monday, March 29, 2004 17:32

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UNCLASSIFIED ESP2 Portal- OPSA

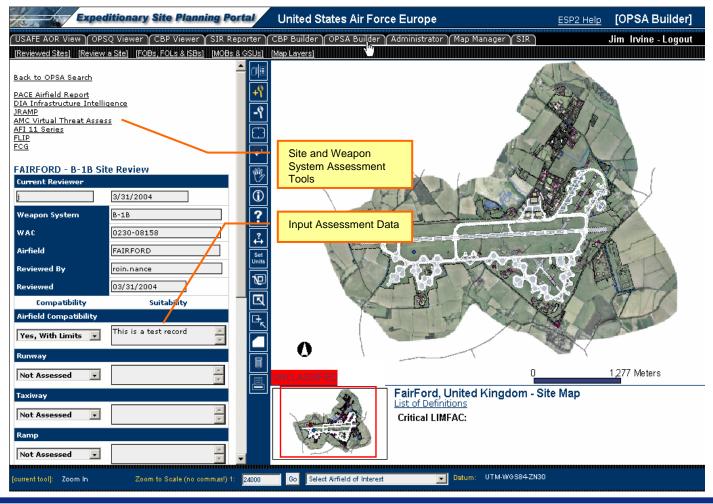
Operation Suitability Analyzer: Weapon Systems Reviewed for Sites

Expeditionary Site Planning P		E AOR View Y OPSQ Viewer	CBP Viewer CBP B			
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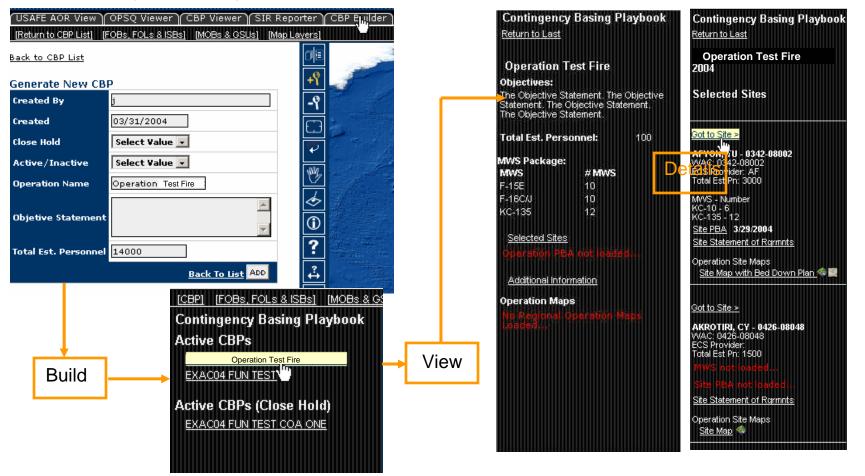
UNCLASSIFIED ESP2 Portal- OPSA

OPSA Weapon System Compatibility and Suitability Assessment Input for Site





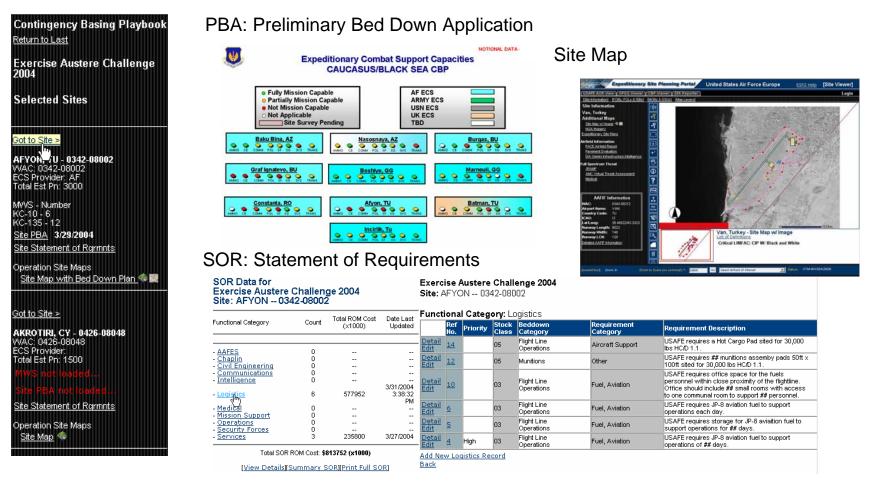
Build/View Contingency Basing Playbook for Planned Missions and Operations





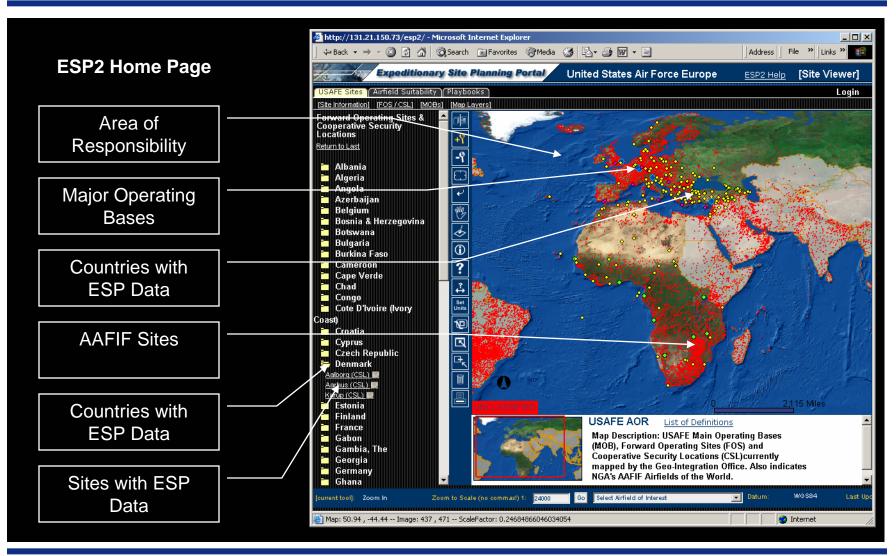
UNCLASSIFIED ESP2 Portal- CBP Viewer

Contingency Basing Playbook Site Detail SOR and PBA



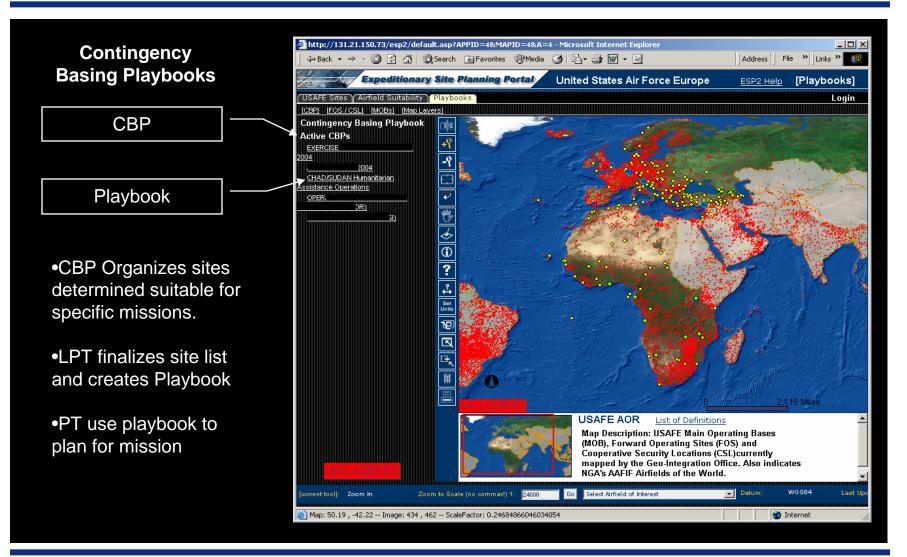


ESP2: Portal



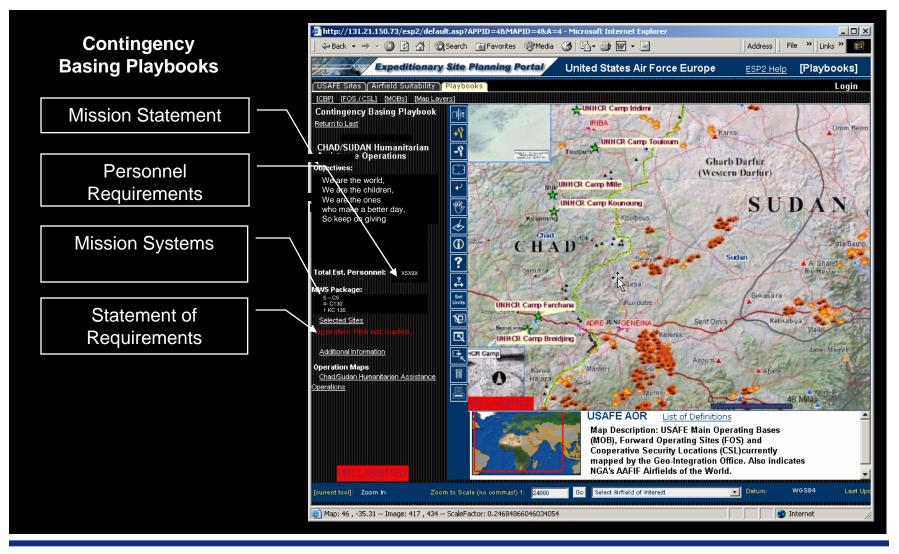


ESP2: CBP



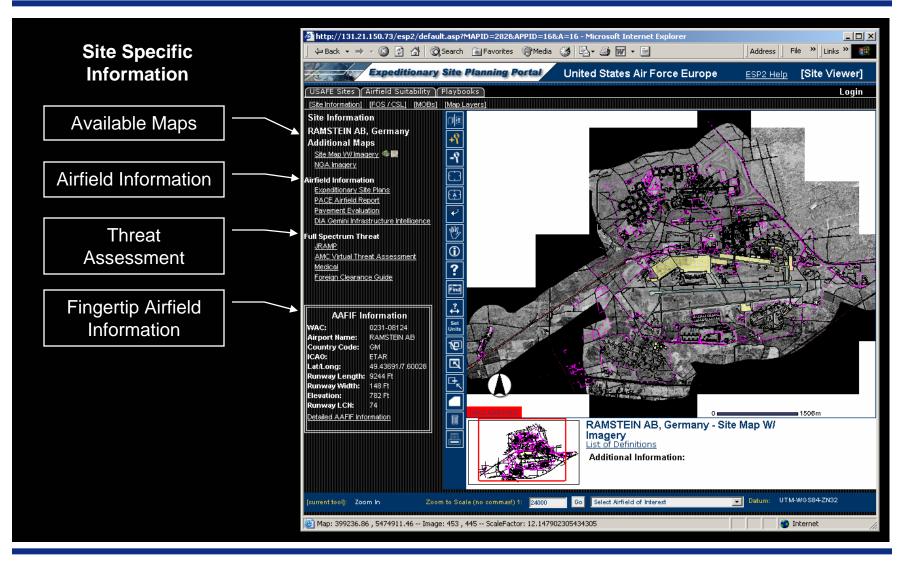


ESP2: Specific Playbook



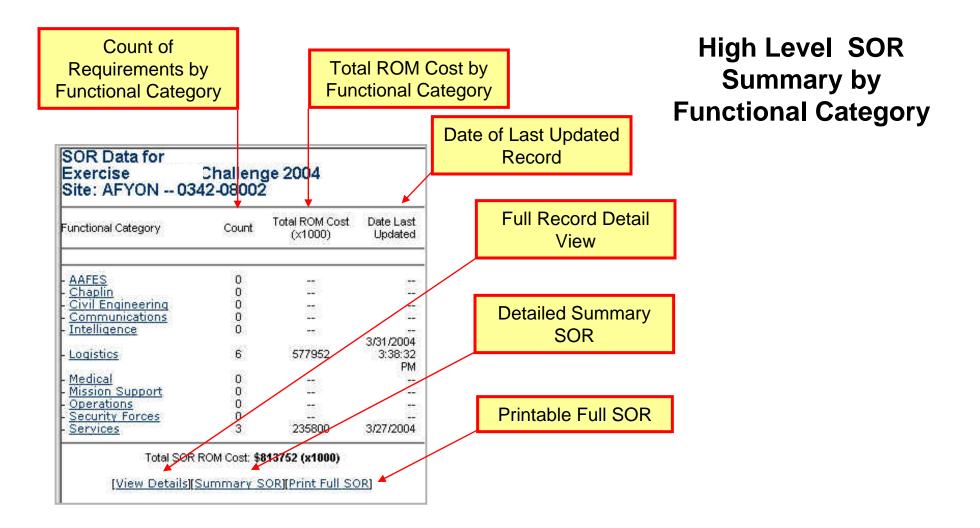


ESP2: Playbook Site





UNCLASSIFIED ESP2 Portal - SOR Summary





UNCLASSIFIED ESP2 Portal - SOR Viewer

Summary and Detail Views

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UNCLASSIFIED ESP2 Portal - SOR Builder

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Questions

