

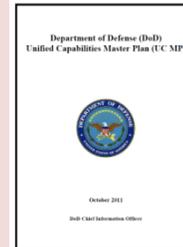
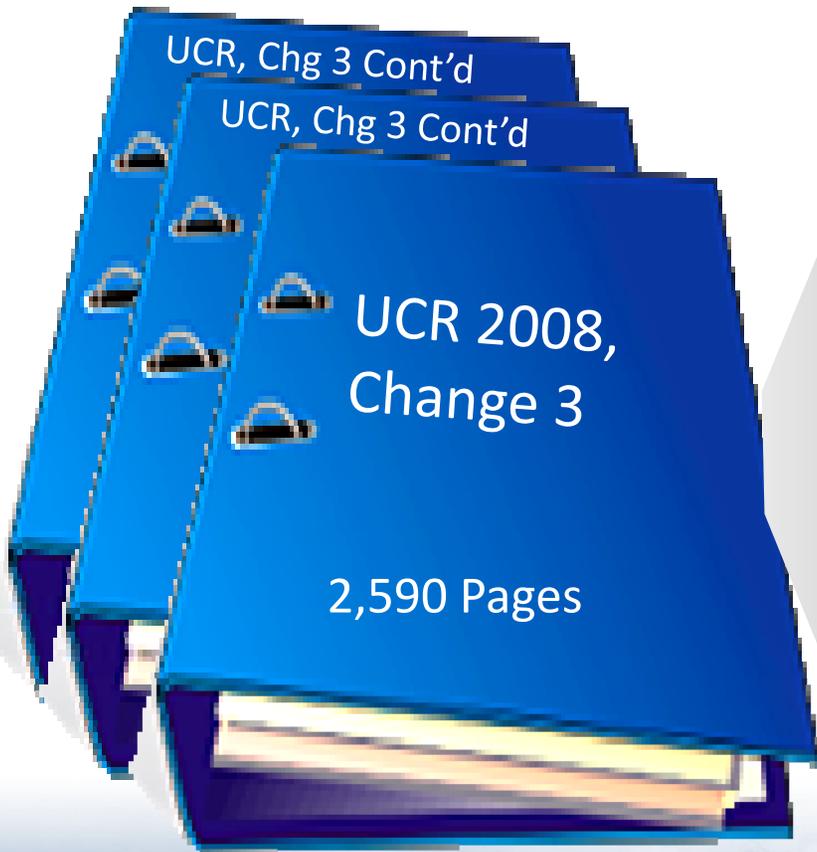
# UCR 2013 Update

## DoD UC APL

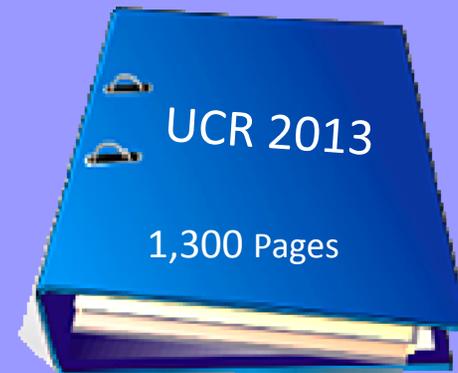
7-10 May 2012  
Version 1.2

# UCR 2013 Reduction

*Focus on Requirements*



## UC 2013 Specifications



**Remove IPv6 Profile**

**Remove SS7 Gateway Req**

# UCR and UC Framework 2013

## *Synchronized Table of Contents*

### **UCR 2013**

- 1.0 Introduction**
- 2.0 Assured Services – Call Connection**
- 3.0 Assured Services – Auxiliary Services**
- 4.0 IA**
- 5.0 IPv6**
- 6.0 WAN**
- 7.0 ASLAN**
- 8.0 Multifunction Mobile Devices**
- 9.0 Video Distribution System**
- 10.0 Network Infrastructure**
- 11.0 Network Element**
- 12.0 Encryption**
- 13.0 Security**
- 14.0 Online Data Storage**
- 15.0 Enterprise and Network Management Sys**
- 16.0 CPE and Legacy**
- Appendix A Tactical**
- Appendix B Classified**
- Appendix C Acronyms**

### **UC Framework 2013**

- 1.0 Introduction**
- 2.0 Assured Services – Call Processing**
- 3.0 Assured Services – Peripherals**
- 4.0 IA**
- 5.0 IPv6**
- 6.0 WAN**
- 7.0 ASLAN**
- 8.0 Multifunction Mobile Devices**
- 9.0 Video Distribution System**
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- 14.0 Online Data Storage**
- 15.0 Enterprise and Network Management Sys**
- 16.0 CPE and Legacy**
- Appendix A Tactical**
- Appendix B Classified**
- Appendix C Def, Abbr, Acronyms, and Ref**

# Terminology Changes

## *Alignment with Industry*

UCR 2008, Change 3	UC 2013 Specifications
Assured Services - Session Initiation Protocol (AS-SIP)	Unified Capabilities Session Initiation Protocol (UC SIP)
Edge Border Controllers (EBC)	Session Border Controllers (SBC)
Local Session Controllers (LSC)	Session Controllers (SC) – Basic Call Manager
Distributed LSC	Local Session Controller (LSC) – MILDEP owned and managed SC
	Enterprise Session Controller (ESC) – DISA or MILDEP owned and managed centrally located enterprise session controller.
	Discretionary Session Controller (DSC) – Call Processor at the MILDEP Location in a Gold or Type 1 site. This Call Processor is logically part of the ESC cluster in normal mode.
	Master Session Controller (MSC) – Session Controller deployed in a Master-Subtended Configuration and located at a MILDEP site or within the Tactical Extension of the DISN
	Subtended Session Controller (SSC) – Session Controller that is subordinate to a MSC and located at a MILDEP site or within the Tactical Extension of the DISN.
	Survivable Session Processor (SSP) – Call Processor in Silver or Env 2 site. This call processor provides Routing dialing capability when the EIs are disconnected from the ESC.

# General Updates & Clarifications

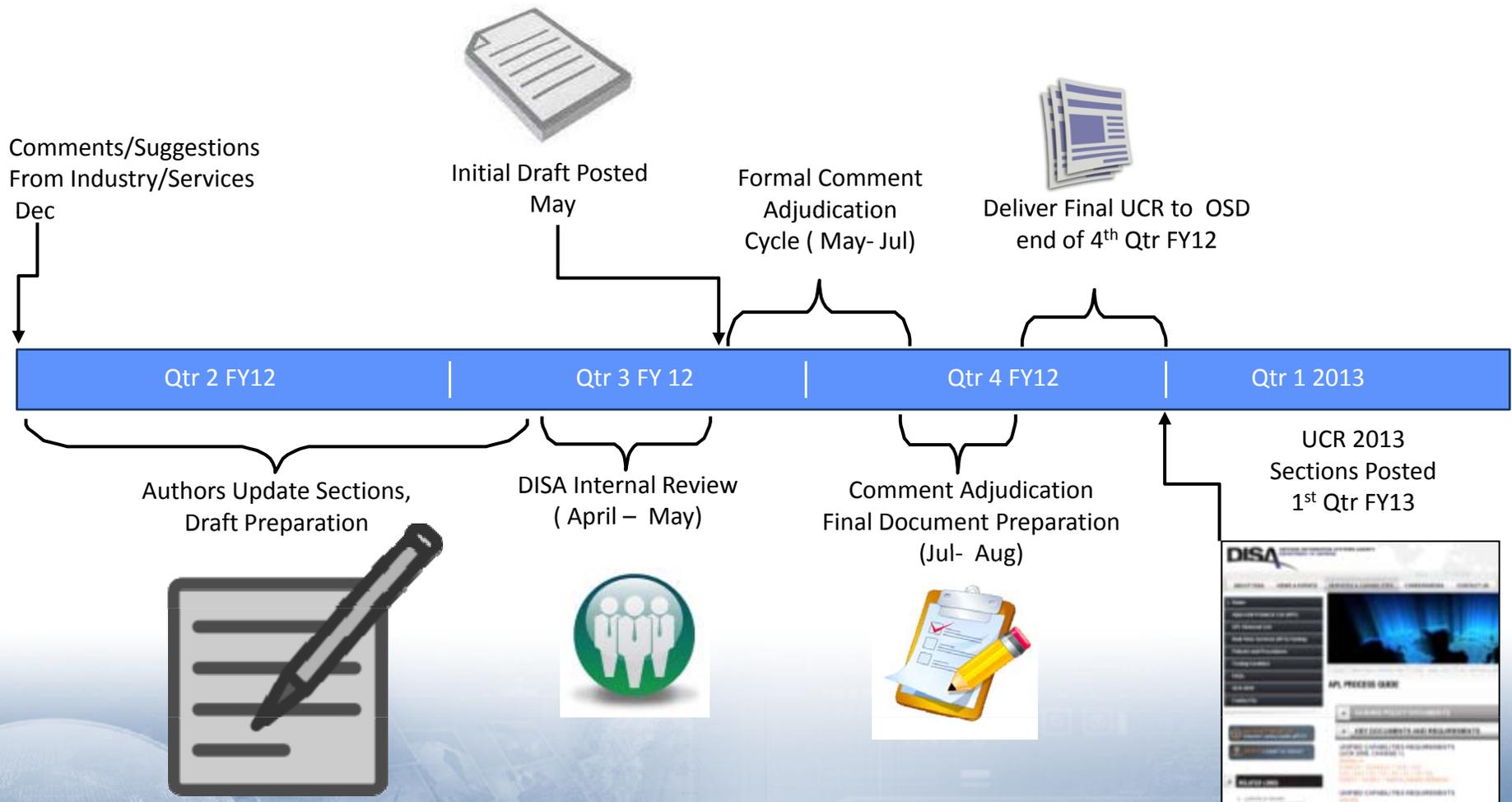
- **Removed the concept of MFSS**
  - Only Softswitches will be certified in future – No need for MFSS requirements
- **Clarification - Use of Conditional Requirements**
  - Conditional – Requirements that are “required” under certain conditions. Each Conditional should be in the format: If {condition} then {requirement}.
  - New requirement type “OPTIONAL” to indicate if the requirement is optional.
- **Attempt to limit UCR to Minimum Essential Requirements (MERs)**
  - Remove or change to OPTIONAL any requirement that doesn’t pass the following litmus test: “If a vendor would never implement the requirement, would it prevent the vendor from being on the APL.”

# UCR Requirement Format

*Simplifies Req. Tracking and Version Maintenance*

- **Standard Requirement Format**
  1. **[(Req\_ID) Required/Condition: Product1, Product3] Requirement Text**
  2. **Requirement ID:**
    - **Format, “XX-NNNNN” where**
      - **XX(X) - Two or three alphanumeric identifier for each major section, e.g., IA for old Sec 5.4**
      - **NNNNX – number, beginning with 0001, leave gaps for future req**
  3. **Example: [(IA-00030) Required: MFSS, SS, LSC, MG, EBC, RSF, R, LS, FW, IPS, VPN, NAC]**
- **Page numbering to include section #, e.g., 2-1, 3-1**
- **Remove ‘intentionally blank’ page – won’t be creating a single file UCR**
- **Review Style Guide, e.g., headings for white space and font size.**

# UCR 2013 PoAM



# UCCO Mission

The Unified Capabilities Certification Office (UCCO) acts as the staff element for the DISA Network Services Capabilities Center (DISA/NS2) to manage the Department of Defense (DoD) Unified Capabilities (UC) Approved Product List (APL) Process.

The UCCO provides guidance, coordination, information and support to government sponsors throughout the entire process, from the registration phase to the attainment of DoD UC APL status.

Additionally, the UCCO manages the APL End of Life (EOL) List, which consists of products that have been removed from the DoD UC APL. As DoD moves towards a distributed testing environment, the UCCO will be the primary point of contact (POC) for scheduling and coordination of partnering test labs, or Centers of Excellence.

# UCCO Roles and Responsibilities

*Administer APL for DoD CIO*

## Policy

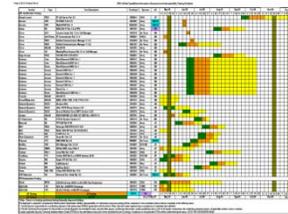
- DoDI 8100.04
- UCR 2008 Change 3
- UC APL Process Guide

## Roles

- UC APL Maintenance
- UC APL EOS
- Process Guidance
- Scheduling and Tracking

## Tools

- Informational Site – [www.disa.mil/ucco](http://www.disa.mil/ucco)
- APLITS



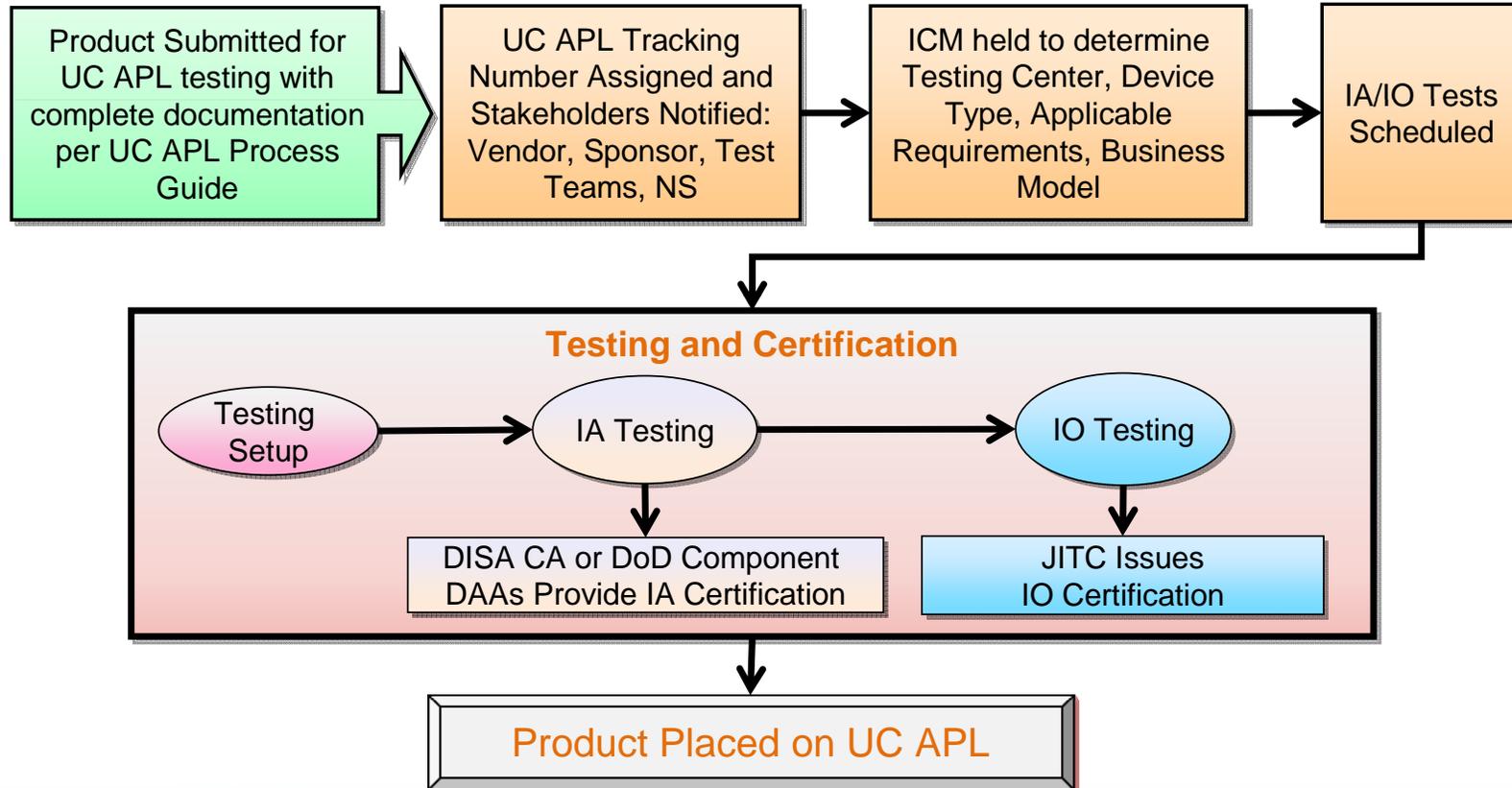
# Updates

## Affecting the UC APL

- UCR 2008 Change 3 – Released Oct 2011
  - Additional categories and requirements per the UC Steering Group
  - New device types are now available for submission
  - Comments Matrix for changes, consolidated UCR and UCR by sections now posted on the UCCO site
- DoD Commercial Mobile Device (CMD) Interim Policy – Signed 17 Jan 2012
  - Describes the interim guidance for CMDs including transition framework
  - Use Case 1 for mobile devices per the UCR is for non-enterprise connected devices
  - Use Case 2 is for enterprise connected CMD with various possible applications (Voice, Email, etc.)

# APL Definition

## Per DoDI 8100.04 and Process



**The UC APL is the single authoritative source for certified UC products intended for use on DoD networks.**



# APL Integrated Tracking System (APLITS)

<https://aplits.disa.mil>

- Internet Accessible
- Allows APL search by product type
- Dynamically Updated
- Provides
  - UC APL Product Status
  - DoD UC Policy
  - Process Guides
  - FAQ
  - UC APL Schedule



Company	Model	Version	Effective Date	Expiration Date
CALLWARE TECHNOLOGIES INC	Calagra UC		11-Aug-2010	11-Aug-2013
VENTRAQ CORPORATION	NetPlus	6.2	14-May-2010	11-May-2013
TIMETRIX INC	TX-2000 ACD		19-Apr-2010	31-Mar-2013

Vendor	Device Type	Description	SW Version	TH	Test Center	April	May	June	July	August	September
Model-Lucant	ACD	Test Model	Test Version	1113601	TIC						
Model-Lucant	CER	AL Model	AL Version	1113902	SPRWR						
QSCO	C-Access	Model Test	Version Test	1113905	QSA-F1/Stage						
QSCO	VPN	C-Model	C-Version	1113806	AFIOC						
QSCO	ASL/SH	Test Model	Test Version	1113903	AFIOC						
QSCO	STP	O-Model	O-Version	1113604	TBD						

Department of Defense  
**INSTRUCTION**

NUMBER 8084H  
December 9, 2010  
Approved Public Release

SUBJECT: DoD Unified Capabilities (UC)

References: See Section 1

1. **PURPOSE** This instruction:

- a. Is accordance with the authority in DoD Directive (DDO) 1144.1 (Reference (a)) and the guidance in DoD 8000.01 (Reference (b)).
- (1) Establishes policy, assigns responsibilities, and provides procedures for: test, certification, acquisition, procurement, or lease (hereinafter referred to as "acquisition"), selection, efficient, and economical, integrated, construction, and operation of DoD products to support UC, as defined in the Glossary.
- (2) Establishes the governing policy for UC products and services supported as DoD services.
- b. Incorporates and revises DoDD 8040.11, DoD Instruction (DoDI) 8040.14, and DoDI 8100.3 (References (c), (d), and (e)).

2. **APPLICABILITY**

- a. This instruction applies to:
- (1) DoD: the Military Department, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff; the Combatant Commands; the Office of the Inspector General of the Department of Defense; the Defense Agencies; the DoD Field Activities; and all other Department activities, within the Department of Defense (hereinafter referred to collectively as the "DoD Component").
- (2) DoD Component: planning, investment, development, acquisition, operation, and management of DoD services to support UC, independent of the role of technology in...

# APLITS Role Based Access

*DAA Approved Customized User Access*

- Provides a secure customized experience to track all UC related testing events throughout the UC APL lifecycle including:

- Test Submission
- Product Updates
- Test Reports and Artifacts

- Account Types

- Vendors
- Sponsors
- Testers
- Certify & Accreditation

The screenshot displays the APLITS (Approved Products List Integrated Tracking System) web interface. At the top, it features the DISA logo and the text 'Defense Information Systems Agency, Department of Defense'. The main header includes 'APLITS Approved Products List Integrated Tracking System' and navigation links: 'Submit a New Product For Testing', 'Search for Products', 'User Account', and 'Exit'. Below the header, there is a sidebar with various navigation options such as 'APLITS User Guide', 'APL Process Brief', 'APL Documentation Guide', 'The Approved Products List', 'Testing Schedule', 'Testing Centers of Excellence', 'Frequently Asked Questions', and 'Contact the UCCO'. The main content area shows a table of products submitted by the user 'Agnis Test' on August 13, 2010. The table has columns for Device Type, Model, Software Version, Date Submitted, Status, and Tracking Number. Below the table, there are sections for 'Lastest Comment' and 'Products You Have Submitted', each with a 'Pre-Verification' button and a 'No Comments have been recorded for this Product' message.

Device Type	Model	Software Version	Date Submitted	Status	Tracking Number
DoD Secure Communications Device (DSCD)	Demonstration of Fix	12	08-Jul-2010	Active	1018909
Deployed Network Element (D-NE)	Approve	Test	08-Jul-2010	Active	1018908
Small End Office (SMEO)	Demo July	45	08-Jul-2010	Active	1018906
Firewall (FW)	Demonstration 2.3.1		08-Jul-2010	Active	1018905
Deployed Network Element (D-NE)	Tron	43	08-Jul-2010	Active	1018904

# APLITS Account Benefits

*Secure Web Based User GUI*

- Allows tracking of UC APL testing and certification from submission to APL-Listing.
- Permits the release of APL status information based on user-account roles for security.
- Provides detailed checklist that matches the UC APL Process Guide for in depth status reporting.

## Summary and Detail View of Testing Progress



**DISA** Defense Information Systems Agency  
Department of Defense

**APLITS**  
Approved Products List Integrated Tracking System

Submit a New Product For Testing | Search for Products | User Account | Exit

Welcome, Aaron Test  
Your last login was: Aug 13, 2010 2:32:02 PM EDT

Products You Have Submitted:

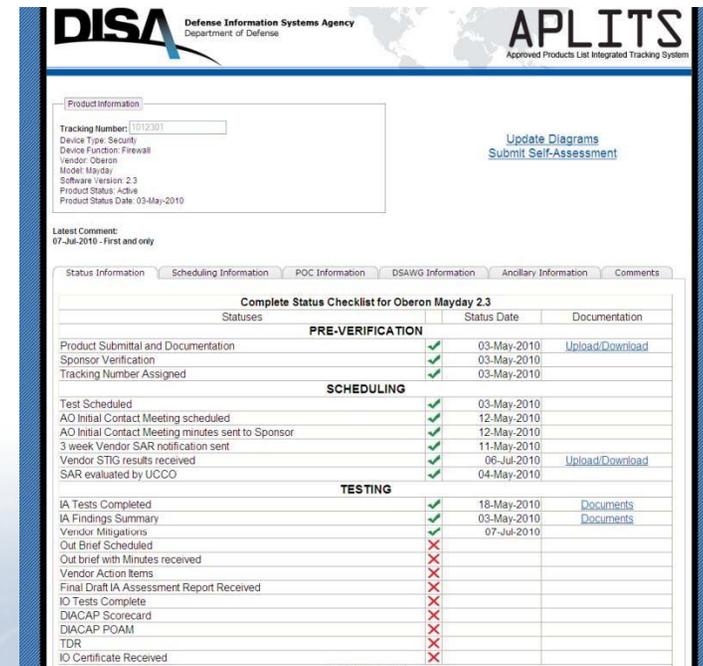
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Pre-Verification | Scheduling | Testing | Evaluation | APL

Pre-Verification | Scheduling | Testing | Evaluation | APL

Pre-Verification | Scheduling | Testing | Evaluation | APL

Pre-Verification | Scheduling | Testing | Evaluation | APL



**DISA** Defense Information Systems Agency  
Department of Defense

**APLITS**  
Approved Products List Integrated Tracking System

Tracking Number: 1012301  
Device Type: Security  
Device Function: Firewall  
Vendor: Oberon  
Model: Mayday  
Software Version: 2.3  
Product Status: Active  
Product Status Date: 03-May-2010

Update Diagrams  
Submit Self-Assessment

Latest Comment:  
07-Jul-2010 - First and only

Status Information | Scheduling Information | POC Information | DSAWG Information | Ancillary Information | Comments

**Complete Status Checklist for Oberon Mayday 2.3**

Statuses	Status Date	Documentation
<b>PRE-VERIFICATION</b>		
Product Submittal and Documentation	03-May-2010	Upload/Download
Sponsor Verification	03-May-2010	
Tracking Number Assigned	03-May-2010	
<b>SCHEDULING</b>		
Test Scheduled	03-May-2010	
AO Initial Contact Meeting scheduled	12-May-2010	
AO Initial Contact Meeting minutes sent to Sponsor	12-May-2010	
3 week Vendor SAR notification sent	11-May-2010	
Vendor STIG results received	06-Jul-2010	Upload/Download
SAR evaluated by UCCO	04-May-2010	
<b>TESTING</b>		
IA Tests Completed	18-May-2010	Documents
IA Findings Summary	03-May-2010	Documents
Vendor Mitigations	12-May-2010	
Out Brief Scheduled	07-Jul-2010	
Out brief with Minutes received		
Vendor Action Items		
Final Draft IA Assessment Report Received		
IO Tests Complete		
DIACAP Scorecard		
DIACAP POAM		
TDR		
IO Certificate Received		



# 2012 APLITS Enhancements

## *Improved Customer and Vendor Experience*

- **Product Lessons-Learned incorporated into the IA Assessment Packages in APLITS**
- **Certifier Review Account-type creation**
- **Robust and interactive scheduling module**
- **Integrated Update/Desktop Review module**
- **UCR review module – integrated Content Management System (CMS) for comments adjudication**



# QUESTIONS

