



# Introduction to OMIS™

- **What is OMIS™?**

- OMIS™ is a web based application designed to store and relate information important to the management of Diminishing Manufacturing Sources and Material Shortages (DMSMS) in DoD systems.

- **Who Can Access OMIS™?**

- Access to the OMIS™ can be granted to programs and users who have systems loaded in the application
- Access only allowed from within DOD networks
- DoD Common Access Card (CAC) are required
- External users are allowed “read only” access to only their systems

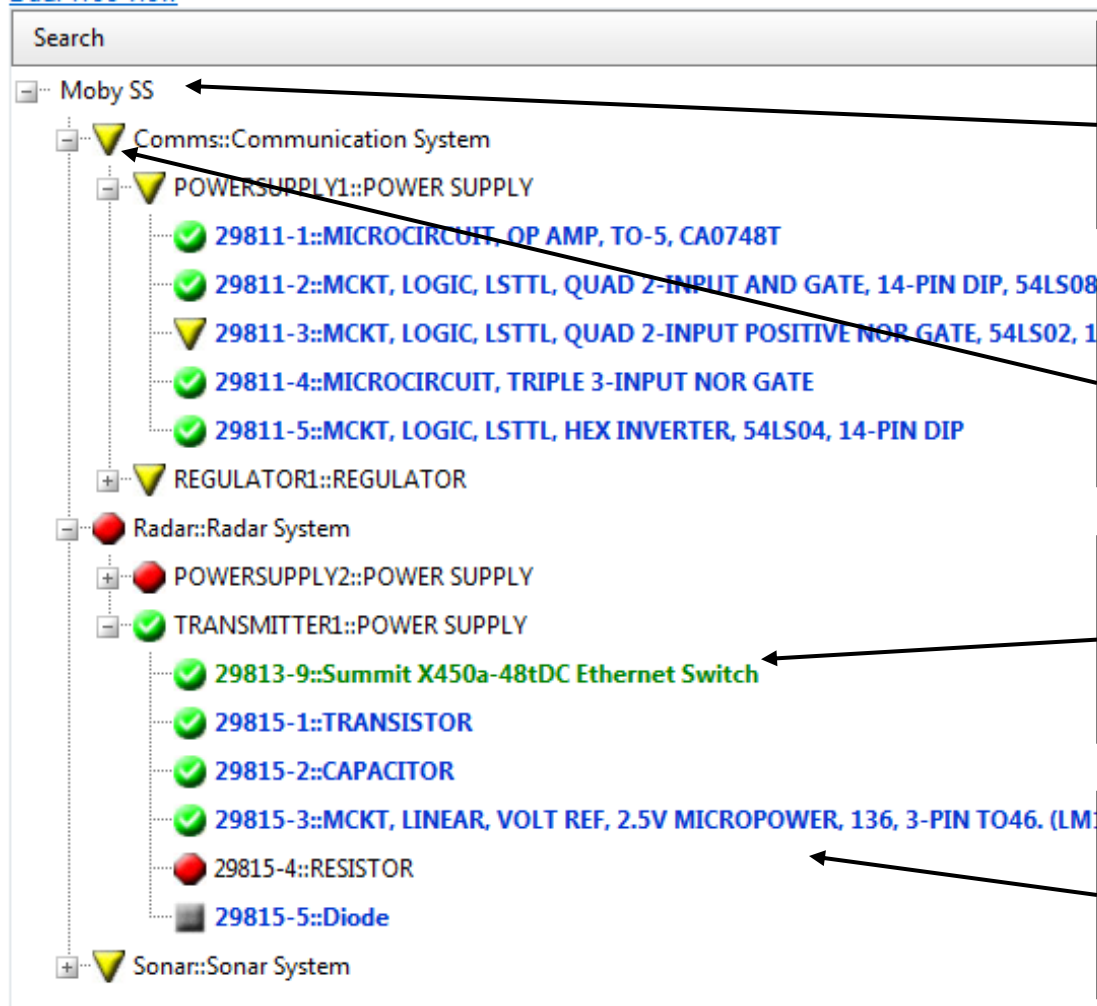
- **Bills of Materials (BOMs) for Platforms and Systems Down to the Level Necessary for Effective DMSMS Management**
  - Systems are typically loaded in an indentured format using their Configuration Part Number (CPN) – sometimes known as the Provisioned Part Number
  - Systems are also loaded with their Manufacturer (Vendor) Part Numbers to determine obsolescence status
  - Where applicable, other data is also loaded
    - *NSN and related supply data*
    - *Images of the part*
    - *Related documents such as data sheets*

# Overview of OMIS™ Processes

- **Monitor selected parts for DMSMS issues**
  - Automated Monitoring Using Commercial Databases
    - *Approximately weekly*
    - *Component level*
  - Manual Monitoring (COTS Vendor Surveys)
    - *Approximately every 6 months*
    - *Electrical, Mechanical, Assemblies, Software, etc.*
- **Generate cases to notify customers of obsolescence issues**
  - Each case explains the problem and recommends the most viable resolution identified
- **Case Management**
  - Create and maintain cases to track case progress towards resolution
  - Capture respective cost avoidance and metrics

# Platform View

## Dual Tree View



Parts are displayed in a hierarchical tree format if the data loaded support that view

Part obsolescence status rolls up the tree with the worst status rolling up

Green text indicates a manually monitored part

Blue text indicates a electronically monitored part

# Part Data Screen

Status Risk Alerts

Update TDBD/Configuration Data

Part Supportability Health Alert Vendor Survey Image Documents Solution

Add Child Part

Platform NHA Find Number Quantity

Configuration Part Number Nomenclature

Cage Code and Manufacturer Name

Obsolescence Status Obsolescence Risk Part Type Tracked Type Last Updated

Yellow -Select- AM ELECTRONIC 9/7/2011 Tracked

Part Issues Issues and Recommendations Obsolete But Ignore

Ref Designator Drawing Numbers

Vendor Part Information

Approved Vendor Parts

Add VPN

Vendor Part #	Generic #	Pkg.	Status	IHS	Q-Star	Manual	Sourcing Issues	LTB Date	ROHS	Lead Free
>										
>										

Recommended Vendor Parts

Add VPN

Vendor Part #	Generic #	Pkg.	Status	IHS	Q-Star	Manual	Sourcing Issues	LTB Date	ROHS	Lead Free	Last Updated
>											
>											

## Part Status

Red – Obsolete  
Yellow – Obsolete with a substitute  
Orange – End of Life Notice Issued  
Green – In production  
Gray – Still being researched  
Black – More info needed

Tabs provide additional information related to the part

Contains the details of obsolescence issues as well as proposed resolutions

Provides details about vendor parts.  
Approved and recommended parts drive the status of the configuration part



# Obsolescence Cases

- An Obsolescence Case is created for every obsolete or End of Life (EOL) part that negatively impacts a system.
- The OMIS™ Obsolescence Case Log (OCL) is used to track and monitor all cases from initiation to closure, including resolution type, cost and cost avoidance.

The screenshot displays the OMIS™ Obsolescence Case Log (OCL) interface. The top section shows a list of cases with columns for Case #, Open Date, Closed Date, CPTN, VIN, Part Status, Case Status, CPTN Name, and Final Resolution. Below this, a detailed view of a specific case (Case Number: FY13-415) is shown, including fields for Vendor Part Number, Part Name, Part Status, and a detailed description of the issue and resolution. The interface also includes a 'Comments' section and a 'Supporting Documents' section.

OMIS™  
Obsolescence  
Case Log

Obsolescence Case Log  
Data Output Reports

Case #	Open Date	Closed Date	CPTN	VIN	Part Status	Case Status	CPTN Name	Final Resolution
FY12-456	10/22/12		780388-00	1805755-4	Red	OPEN	POWER CONTROL DRAWER	
FY12-457	10/22/12		780388-00	780388-00	Yellow	OPEN	DRIVE HARD DISK, 30GB SAS 2.5 INCH, 15MB CACHE, 15000 RPM, 2.5 INCH, W/CARRIER	
FY12-458	10/22/12		780388-00	Low 1000, IDC, 400 4/4/4	Yellow	OPEN	SCALER, OVERVIEW/VIDEO, FOUR CHANNEL, 1U	
FY12-459	10/22/12		780388-00	T08-205-1, T08-205-2, T08-205-3	Red	OPEN	SERVER, LPH	
FY12-460	10/22/12		780388-00	T08-205-1, T08-205-2	Red	OPEN		
FY12-461	10/22/12		780388-00	81-00255	Red	OPEN		
FY12-462	10/22/12		780388-00	UNIMAX-USBV-4000-SF1, UNIMAX-USBV-4000-SF2	Red	OPEN		
FY12-463	10/22/12		780388-00	S0P-FAN-8, S0P-FAN-8-REV-A, S0P-FAN-8-REV-B, S0P-FAN-8-REV-C, S0P-FAN-8-REV-D, S0P-FAN-8-REV-E	Red	OPEN		
FY12-464	10/22/12		780388-00	S0P-GE302-04	Red	OPEN		
FY12-465	10/22/12		780388-00	S0P-RE-ENT, XP-VIS-PH-32	Red	OPEN		

# Summary

- **OMIS™ is one of only two “organic” DMSMS Predictive Tools (the other is owned / maintained by NSWC Crane, ‘Horizon Suite’)**
- **OMIS™ supports programs across DoD and private industry**
- **For Additional Information:**

**Contact the OMIS Team**

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