



# ***Navy Enterprise Resource Planning (ERP)***

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**CAPT R. Bogdanowicz USN**



# Briefing Outline

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- NAVY ERP
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  - Scope of Navy ERP Systems
  - What the Pilots Proved
  - One Program With One Mission
  - Convergence Strategy
  - Scope Of Navy ERP Templates
- MARITIME SOLUTION
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- Summary

# Evolution of Navy ERP

## Efforts That Established Mission Need



### Mandate

Evolution In Business Affairs & JV 2020 Vision  
 Commercial Best Practices (CBP) ESG established  
 Give priority to investments that will cut our operating or business costs, such as Enterprise Resource Planning (ERP)

### Pilots

- Pilots established 1998
- Directed use of commercial approach
- Goals:
  - Standardize DoN processes
  - Provide an Integrated Enterprise solution that seamlessly supports end-to-end capability
  - Demonstrate ability to provide accurate, consistent, timely financial information from a single source
  - Manage and track cost drivers

### One Navy Solution

- ASN (RDA) directed convergence of Navy ERP Pilots
- CNO & SECNAV declared support for Convergence to proceed
- Navy ERP PMO Established
- Requirements letter signed by ASN (RD&A) and N4
- Operational Requirements Document Development Initiated

**ERP Enables The Navy To Realize Leadership Vision**



# Scope Of Navy ERP Systems

Pilot	Sponsor	Area(s) of Focus	# of Geographic Sites	# of Users	Stand-Up Date
<b>SIGMA</b>	NAVAIR	Program Management, including linkage among Contracting, Financial, and Workforce Management	5	6200	Oct 02
			4	14300	Jan 03
<b>CABRILLO</b>	SPAWAR	Warfare Center Management	5	3500	Jul 01
<b>SMART</b>	NAVSUP	National & Local Supply Management, Intermediate-Level Maintenance Management Interface to Aviation Depots	4	440	Jan 03
<b>NEMAIS</b>	NAVSEA / FFC	Regional Maintenance, including Intermediate-Level Maintenance Management, Project Systems, and Workforce Management	3	5400	Jun 02 – Nov 03
			2	4500	FY 04/05



# ***What The Pilots Proved***

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- **ERP can be used to:**
  - Operate and manage a major Echelon 2 acquisition command and Echelon 3 subordinate commands (PM, Workforce Management, FM, Procurement)
  - Integrate Maintenance and Supply in performance of aviation and ship maintenance, provide visibility of resources across activities and optimize supply chain management
  - Validate compliance with the CFO Act and provide significant reductions in legacy IT and data base systems with resultant cost reductions and data quality / timeliness benefits

**No Longer A Question Of “Can We?”**

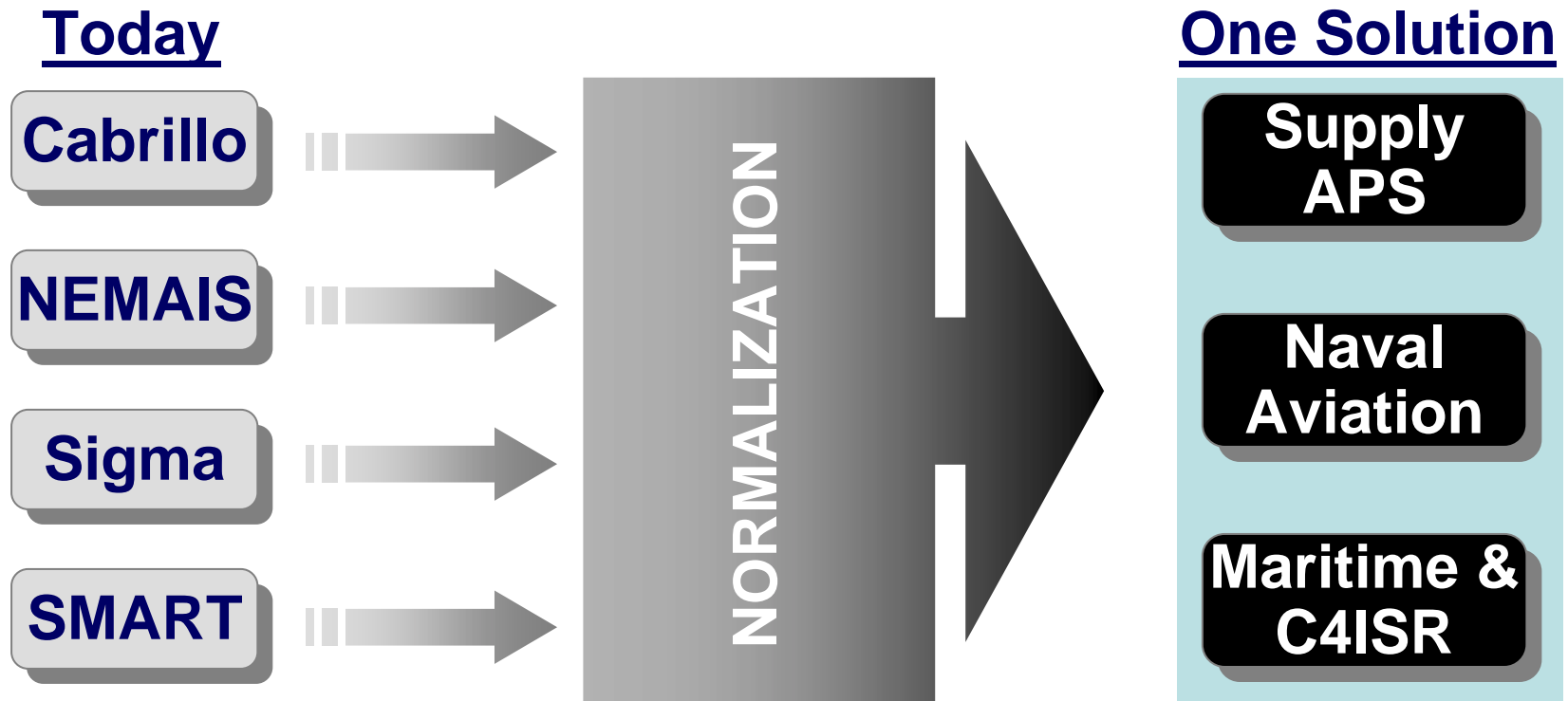
# *One Program With One Mission*



- Navy ERP Mission
  - To reinvent and standardize Navy business processes for acquisition, financial and logistics operations
- Program's Key Objectives
  - Build an integrated financial system
  - Optimize end-to-end value chains across functional and organizational boundaries
  - Collapse the pilot programs to produce a single product for the Navy
  - Maximize ROI through effective deployments and sequencing of functionality

# Convergence Strategy

**Common Solutions Centrally Developed & Managed –  
Drives Process & Data Standardization**



**Global Accelerated SAP Approach:**

- Recommended by industry and SAP for Large Global Organizations
- Allows development of solution for Navy ERP that has both common (global and locally development components)



# Scope of Navy ERP Templates

## Template 1.0

- Finance
- Program Management
- Workforce Management
- Wide Area Work Flow (Interface)
- Defense Travel System (Interface)
- I-Level Maintenance
- Plant Supply
- Wholesale Supply / APS

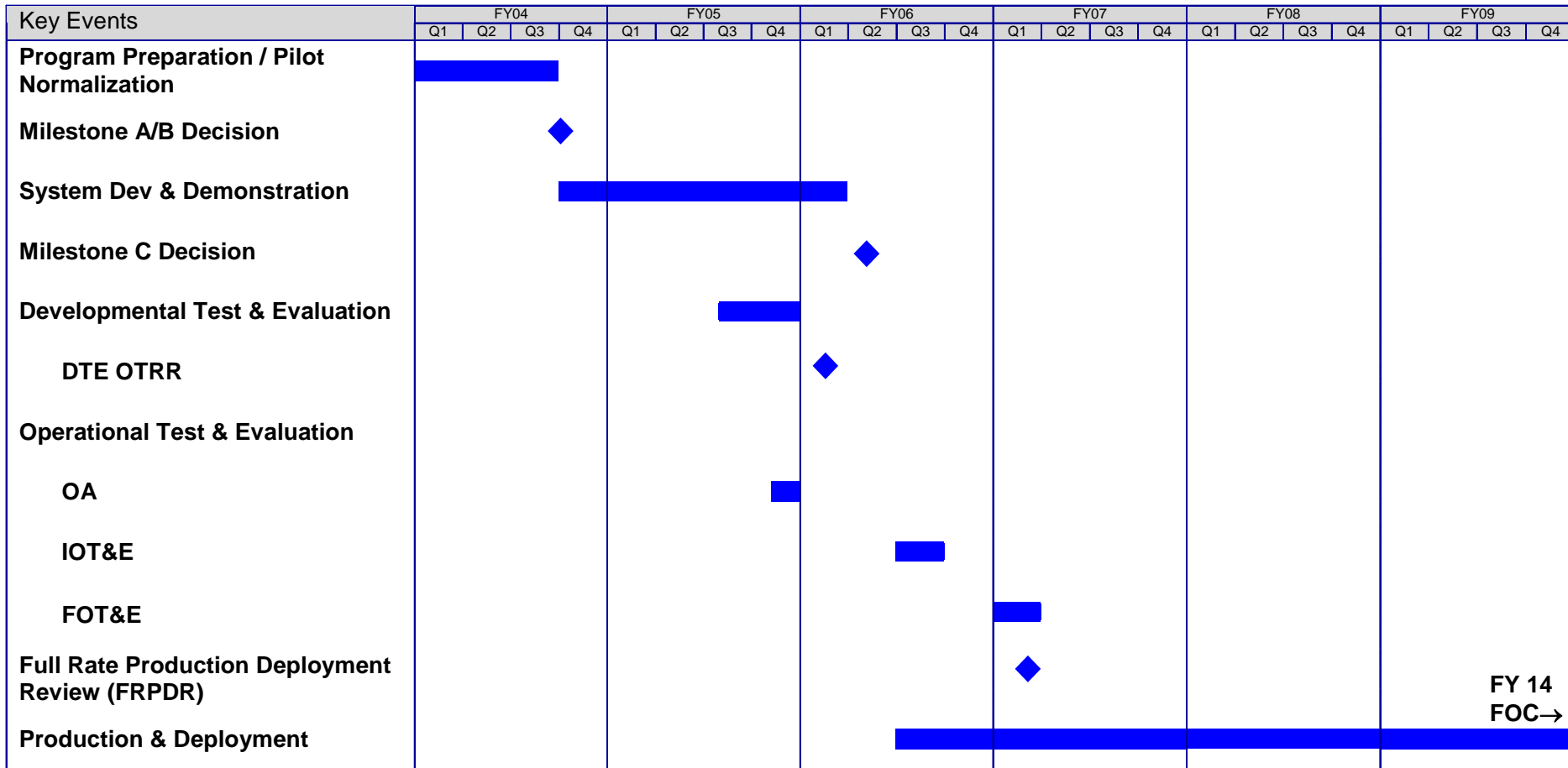
## Potential Future Requirements

- Afloat Solution
- Weapon System Asset Management
- O-Level Maintenance
- Depot Level Maintenance (Aviation & Maritime)

**Spiral Development Driven by Operational Realities and the Business Case**



# Program Schedule



FY 14  
FOC→

Rev: 7Feb04

# ***MARITIME SOLUTION***

## ***NEMAIS***



# ***NEMAIS Functionality Overview***

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## ■ **Financial Management**

- ✓ Financial/Budgeting
- ✓ Managerial Acct
- ✓ Financial Acct  
(Includes OPTAR Fin Mgt)

## ■ **Program Management**

- ✓ Program / Proj Mgt
- ✓ Planning, Prog & Budgeting

## ■ **Human Resources Management**

- ✓ Workforce Planning & Admin
- ✓ Training & Development
- ✓ Time & Attendance
- ✓ Organization Mgt

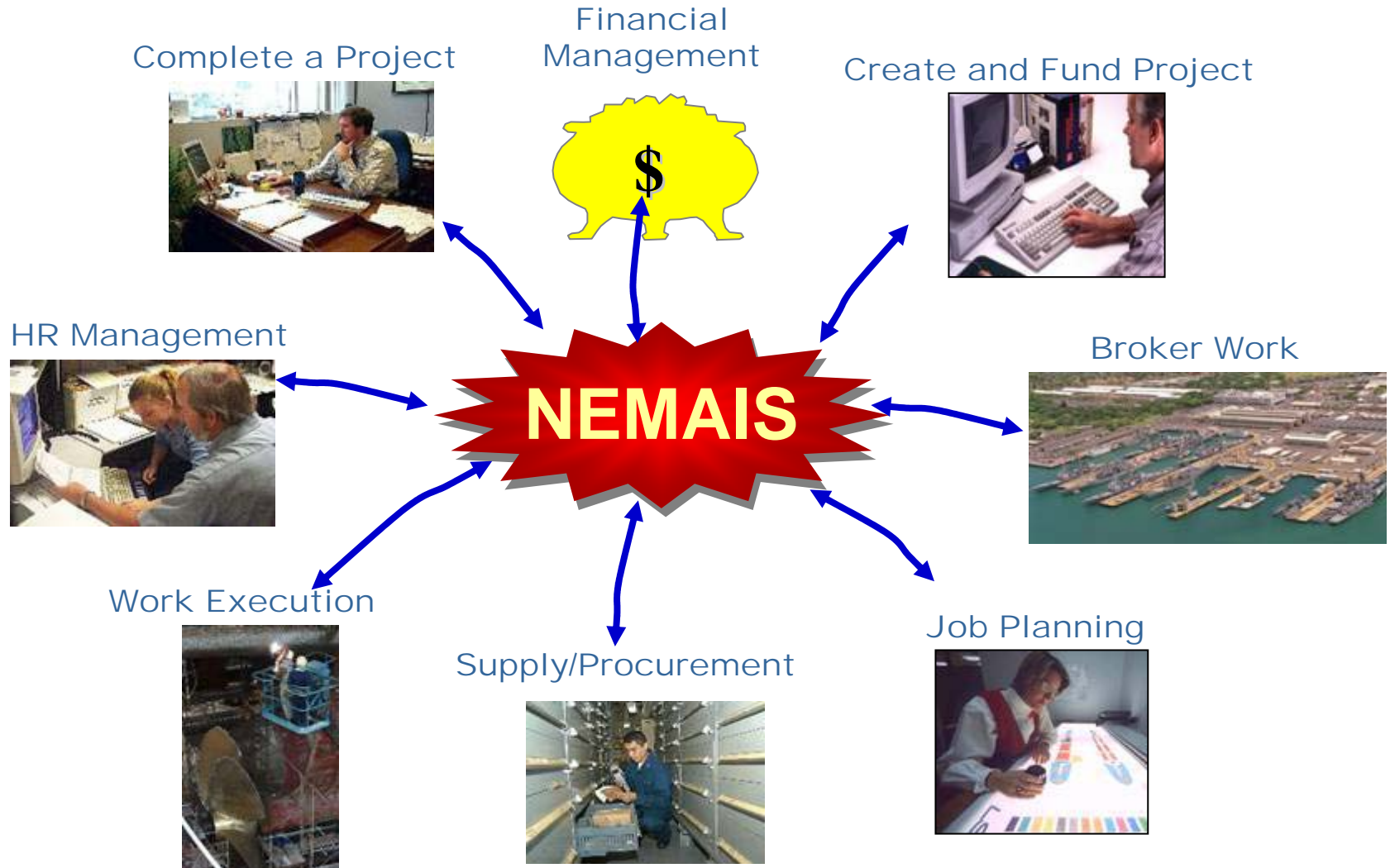
## ■ **I-Level Maintenance**

- ✓ Notification Generation
- ✓ Maintenance Planning (Shop)
- ✓ Maintenance Control
- ✓ Work Planning & Prep
- ✓ Material Rqmts Planning (MRP)
- ✓ Maintenance Execution
- ✓ Inspection & QA
- ✓ Maintenance Completion
- ✓ Configuration Mgt
- ✓ Scheduling
- ✓ Content Management
- ✓ Work Load Forecasting

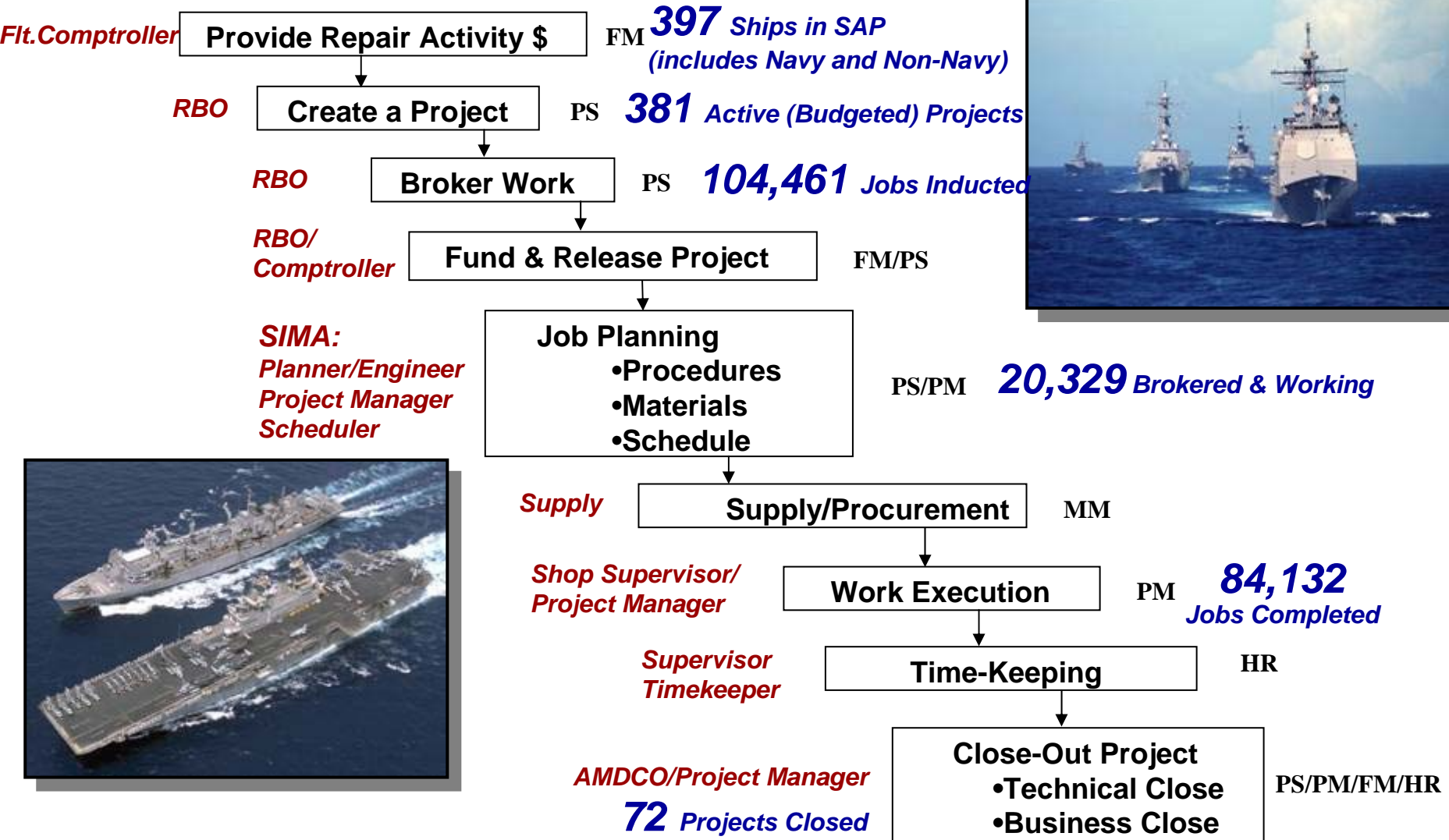
## ■ **Plant Supply**

- ✓ Requisition Processing
- ✓ Inventory Management
- ✓ Material Rqmts Planning (MRP)
- ✓ HAZMAT Management
- ✓ Non-Std Procurement
- ✓ Asset Management (Plant Property)

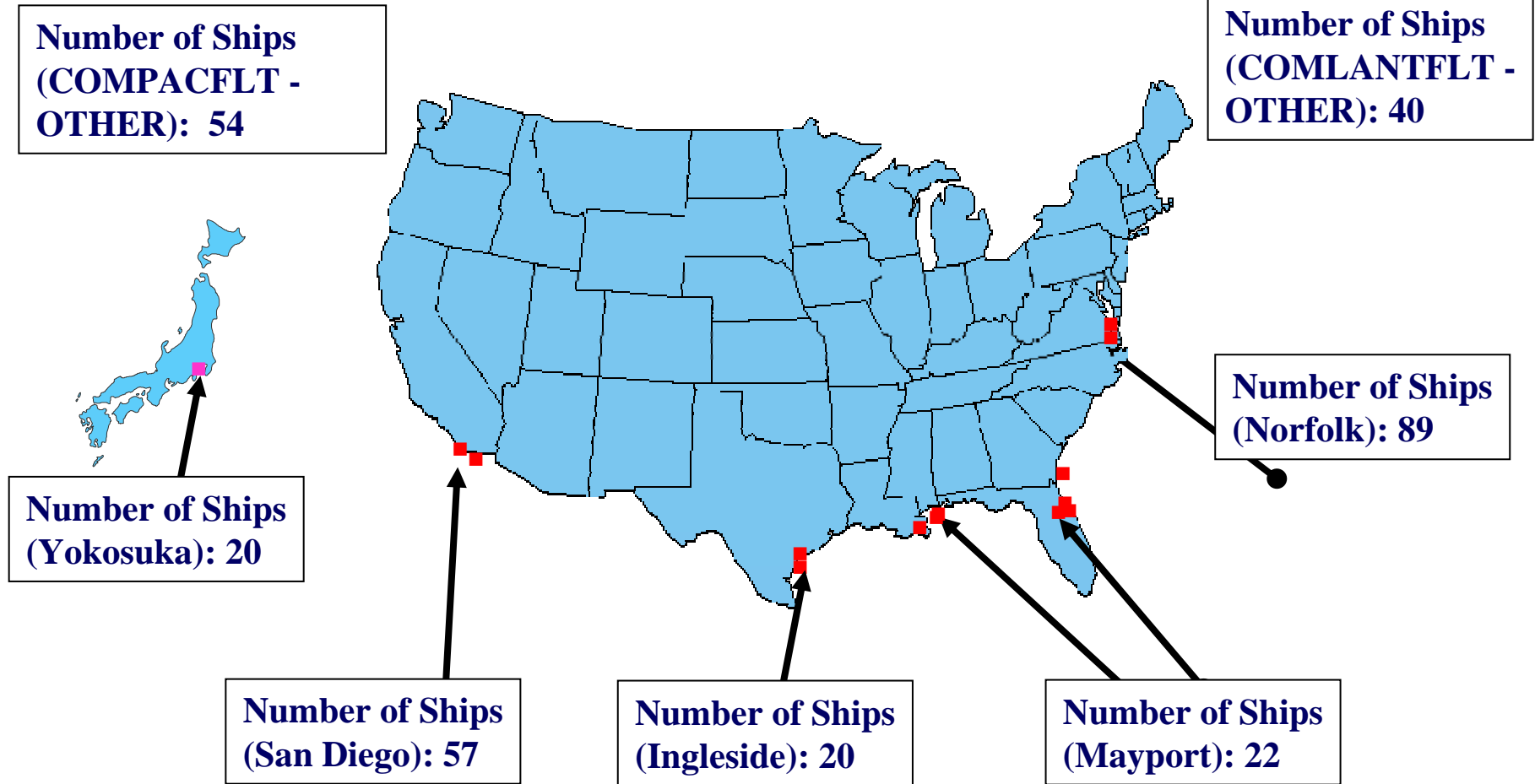
# NEMAIS Functionality



# NEMAIS Status as of 20 Oct '04



# Geographic Rollout Scope





# Summary

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- NEMAIS and ERP will be the organizing force for all ship maintenance
  - Aligned with leadership goals and objectives
  - Harmonizes processes across the enterprise
  - Provides fundamental data for decision makers at all levels
- Navy Pilots have proven COTS implementation in a DoD environment
- Baselining complete / Pilot Interoperability phase on schedule
- Navy ERP maximizes efficiency of war-fighter business processes to support critical decision making
  - Integrated solution
  - Aligns with external architectures
  - Common data and business processes
  - A lean architecture