

# Common S<sup>2</sup>ENCE Maintenance

Smart Support Enhancements for Net-Centric Enabled



## At-Wing (O) – AME Knowledge Improvements

### Automated Maintenance Environment

- Automated Data Collection
- Class IV IETMS
- Portable Maintenance Aid



### ReasonPro™ OM

- Knowledge-Based Maintenance Aiding
- Improve Fault Isolation and Reduced No-Fault Found
- Repair Knowledge Capture – eMAF

*Provides the Expertise of 20yr Master Chief on Demand*

O-NALCOMIS+  
MU Data Warehouse  
Navy 3M  
GOLD  
Knowledge Feedback Loop



## Test Stand (I) – CASS and eCASS Knowledge Improvements



### eCASS

- Open Architecture, Interoperability
- Smart TPS
- Net-Centric Diagnostics

Agile Rapid Global Combat Support System

### ReasonPro™ Evolution

- Adaptive Self-Learning Model
- Information Capture Mechanisms
- Decision Support and Rogue Unit Identification

*Provides Historian Advisor with Self-Evolving Knowledge to Continuously Decrease Time on Test Station*