

SpecTec & AMOS

ILS INTEGRATED LOGISTIC SUPPORT

CMMS
Computerized Maintenance
Management System

Navies and Shipyards perspective

SpecTec Group HO - Defence Department



The Product: AMOS

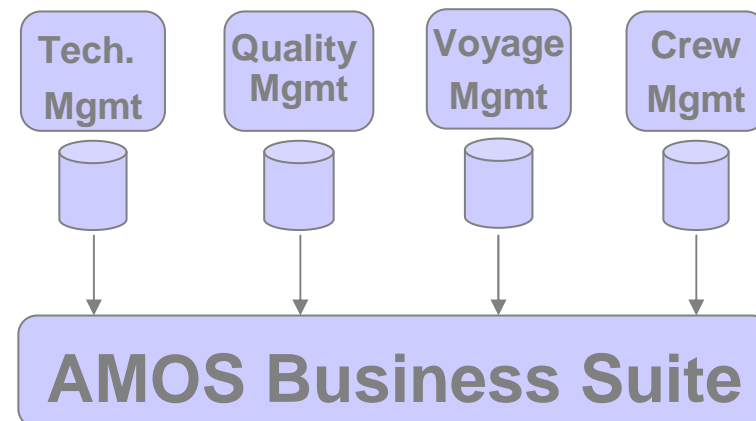
AMOS Asset Management Operating System



The Product: Amos Suite concept

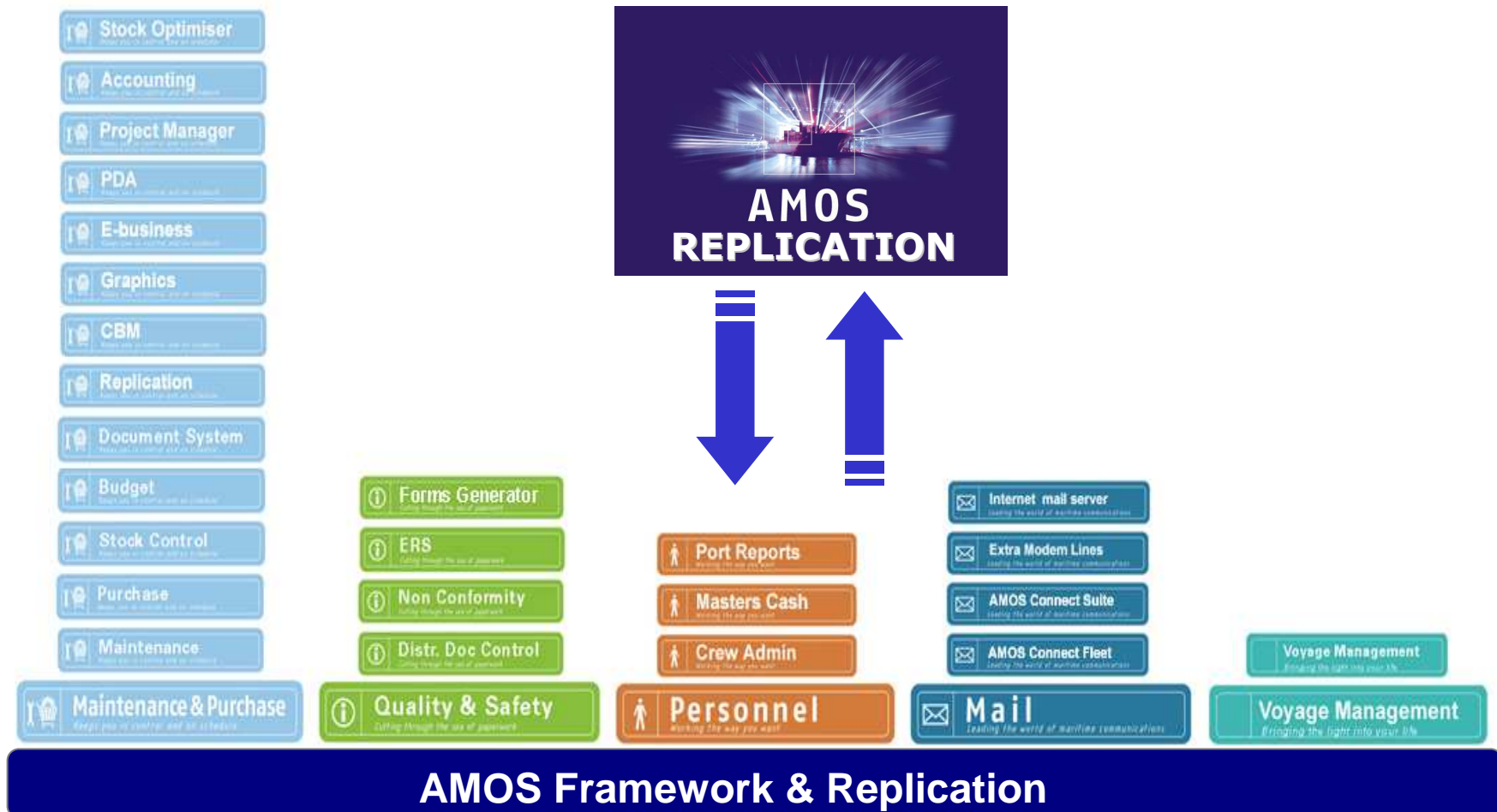
Once supplied separately, now all Amos modules are integrated into one **AMOS Business Suite**, thus providing a remarkable tool for ship management:

- AMOS Maintenance & Purchase
- AMOS Quality & Safety
- AMOS Voyage Management
- AMOS Personnel



The Product: Amos Suite range

Seamless integration of the following AMOS products:



AMOS strengths (1/2)

- Reliable and mature due to +20 years of use;
- Different AMOS versions running at same time;
- Scalable and progressive upgrade, no global stop required;
- Competitive price list (license, design) and time to implementation and roll out;
- Sustainable Support and Software fee costs.

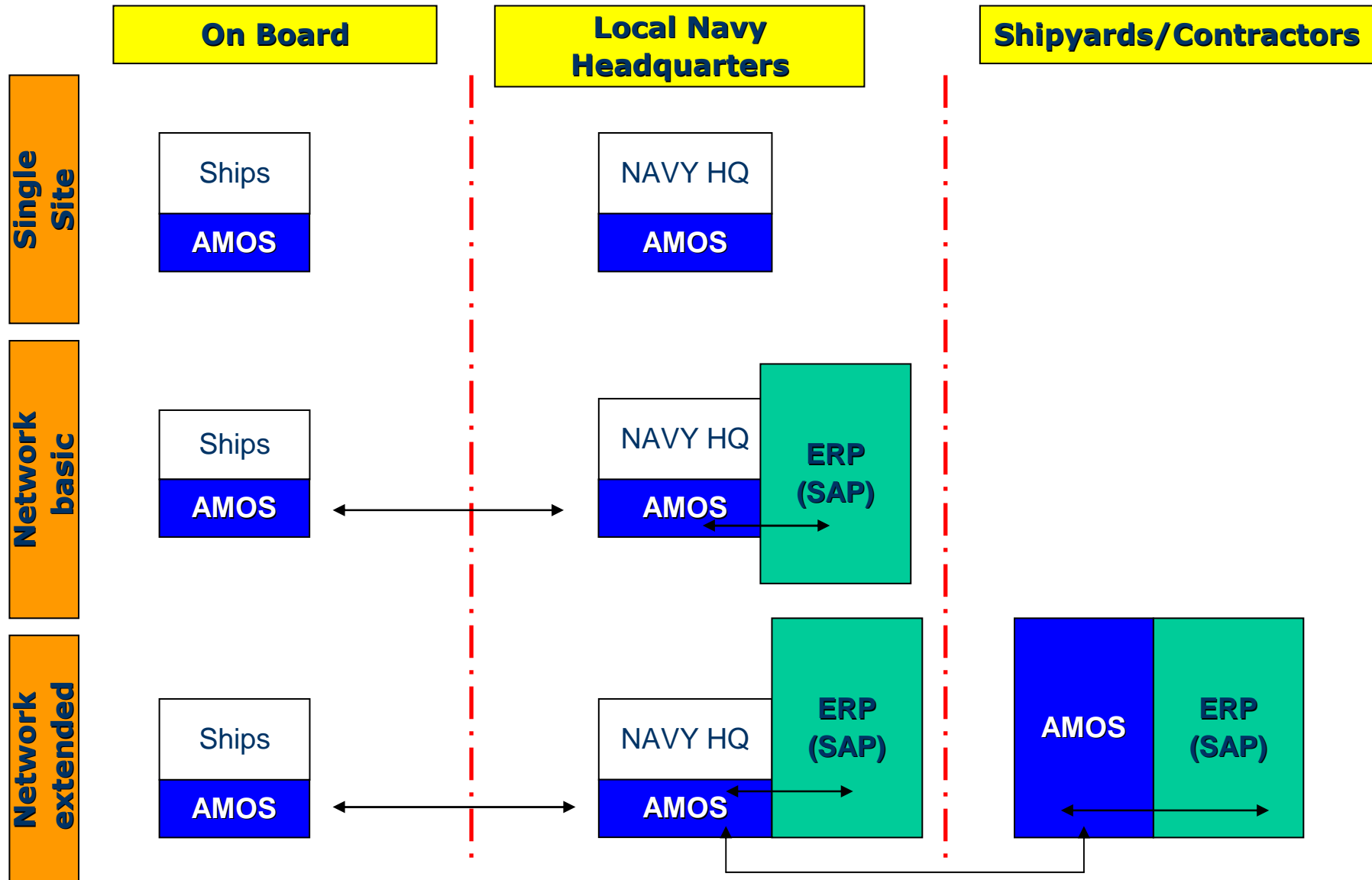
AMOS strengths (2/2)

- Financial and ERP (i.e. SAP) interfaces capability;
- Data exchange capability (i.e. Modbus) towards all Automation Plant and CBM devices;
- IETP (ASD S1000D based) interface capability
- Optimized data replication/synchronization between different AMOS installations (onboard and ashore)

The Product: architecture (1/2)

- **Single Site version**, to be used on board LAN or ashore LAN without any external connection
- **Network version**, to be used on board LAN with a connection to ashore LAN installations (local Navy headquarters)
- **Extended Network version**, to be used on board LAN with a connection to several ashore LAN sites (local Navy headquarters, Shipyards, Contractors)

The Product: architecture (2/2)



Services

- **Worldwide global support**
- **Software tailoring**
- **Databases development (data-entry)**
- **Training**
- **IETP interfaces**
- **Stock audits**
- **Data analysis**
- **Vibration monitoring**
- **RCM Consultancy**

**... Shortly, we can support Navies on any
ILS activity**

AMOS for Shipyards

➤ **Involved Phases:**

- Design
- Production
- Delivery

➤ **Performed Functions:**

- Configuration Management
- Maintenance Plan Design
- Technical Documents Management (IETP)
- Spare parts supply

AMOS for Navies

➤ **Involved Phases:**

- Operations
- Maintenance
- Disposal

➤ **Performed Functions:**

- Configuration Management
- Maintenance Plan Management
- Spare parts purchase
- Spare parts & Store Management
- Technical Documents Management (IETP)

Conclusions

AMOS is a strategic software tool to:

- **Ship side:** optimize and manage the maintenance with the aim to increase the *ship availability*
- **Navy side:** manage and control the fleet in terms of configuration, maintenance plans, field data analysis, spare parts purchase and optimization
- **Shipyard side:** maintain a relationship with Navies in terms of configuration, maintenance plan update, spare parts supply and field data analysis



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Many thanks for your attention

