



Australian Government

Department of Defence

Chief Information Officer Group

Chief Information Officer Group

Defence Enterprise Systems – ERPs

A blue-toned network diagram with interconnected nodes and lines, overlaid on a grid pattern. The nodes are represented by various shapes like squares, circles, and rectangles, some with a glowing effect. The background is a dark blue with a subtle grid and some faint binary code (0s and 1s) scattered throughout.

Lorraine Watt

Assistant Secretary, Enterprise System Development

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Introduction

- Defence's ERPs
- Finance System
- Personnel Systems
- Integration
- The future



Defence's Finance System

DEFENCE ENTERPRISE FINANCIAL SYSTEMS ENVIRONMENT

Defence Internal Uploads

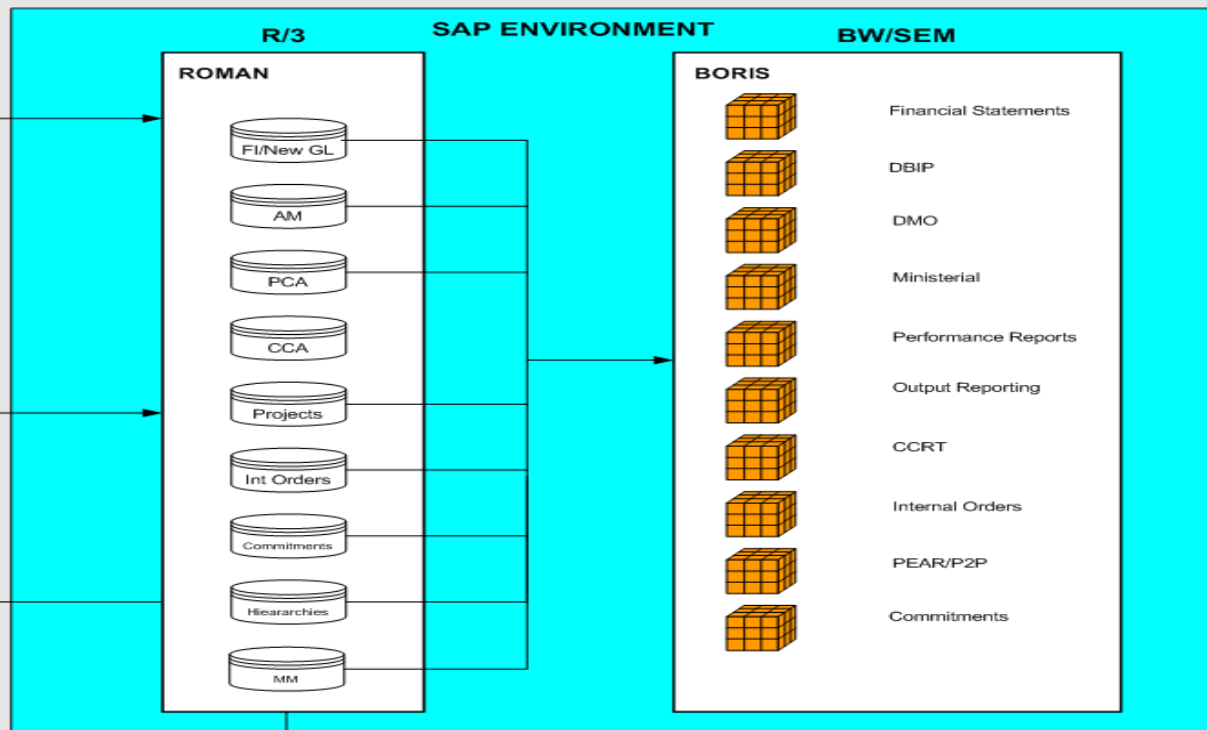
RSF	SDSS
OCDS	PMKEYS
DIS	ADFPAY
JET	ISIS
CMS	MSR

External Uploads

DFAT
RBA

External Extracts

RBA
AusTender



Defence Internal Extracts

- | | | | | | | | | | | | | | | |
|--------|---------|------|---------|------|-----|--------|---------|---------|-----|----------|-----|--------|-----|------|
| DMO CM | Minerva | OCDS | FuelMIS | DEMS | DIS | PROMIS | COMSARM | Ind Div | BSD | NAVY ABM | RSF | PMKEYS | CMS | SDSS |
|--------|---------|------|---------|------|-----|--------|---------|---------|-----|----------|-----|--------|-----|------|

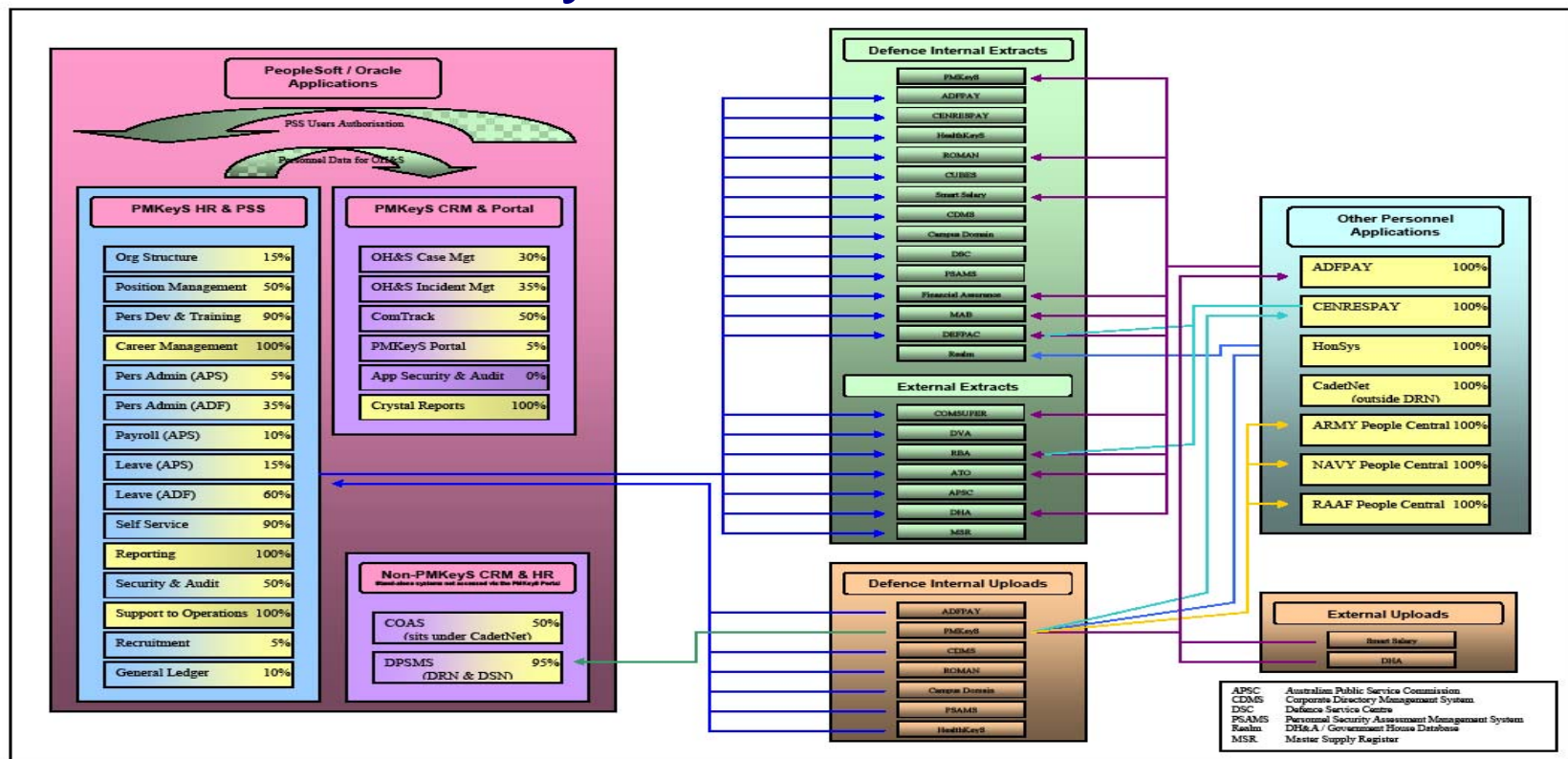


Upgrade Benefits

- Addressed supportability issues and provides the foundation for further enhancement
- Introduced role-based Security and access control
- Introduced functionality to meet Defence's AusTender 2 reporting requirements
- Implemented workflow changes to support Asset initiatives for purchases and prepayments
- Provided funds control
- Implemented expanded cost capture and introduced single point of analysis through new GL
- Improved cash management and reporting
- Introduced E-Learning



Personnel Systems



PeopleSoft Version 7 PeopleSoft / Oracle Version 8 % Customised



Need for Modernisation

- Demand for new features – capability
- Simplify and automate business processes
- Improve responsiveness to policy change
- Improve support to operations
- Reduce cost of sustainment
- Improve availability of resources and information
- Overcome outdated technology



Are the Finance/Personnel Systems Important?

- Payments – Supplier and Employee (Military & Civilian)
- Annual Leave – Military & Civilian via Self Service
- Personnel Tracking – Operations, Natural Disasters, Terrorist attacks
- Budgets – Projects, Inventory, Assets, Salaries, etc
- Recruitment and Retention – Training and Career Management
- Purchases
- Support and enablers for efficiencies
- Provide information for workforce planning, performance, etc, etc

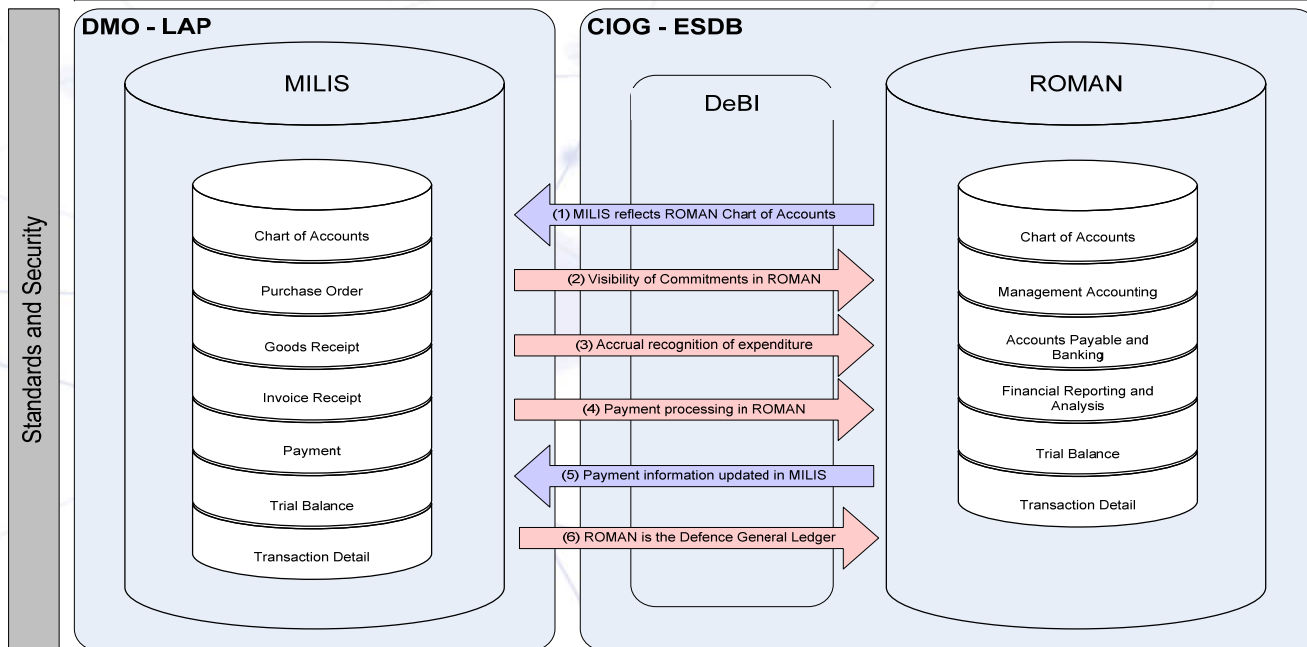
“Our HR systems are absolutely vital for the war fighting effort....for the development and understanding of the readiness of staff and what training they had.....” Defence CIO ZDNet.com.au 12 March 2008



Using DeBI to Interface the ERPs

SYSTEM VIEW 1: Federated MLFF Interfaces

OPERATIONAL VIEW



Supporting

Error Management

Audit

System Integrity

End-to-end Business Process

Reconciliation

TECHNICAL VIEW

Is this Integration or Enhancement?



What are the issues

- ERPs mixture of COTS, modified COTS, and bespoke
- Satellite mainly bespoke, non-integrated - interfaced
- Hard to support, costly to maintain
- Need and How to integrate
- COTS vs Change - to what extent is Defence unique?
- Reduce customisation – readiness for change?
- Better processes needed - how much?

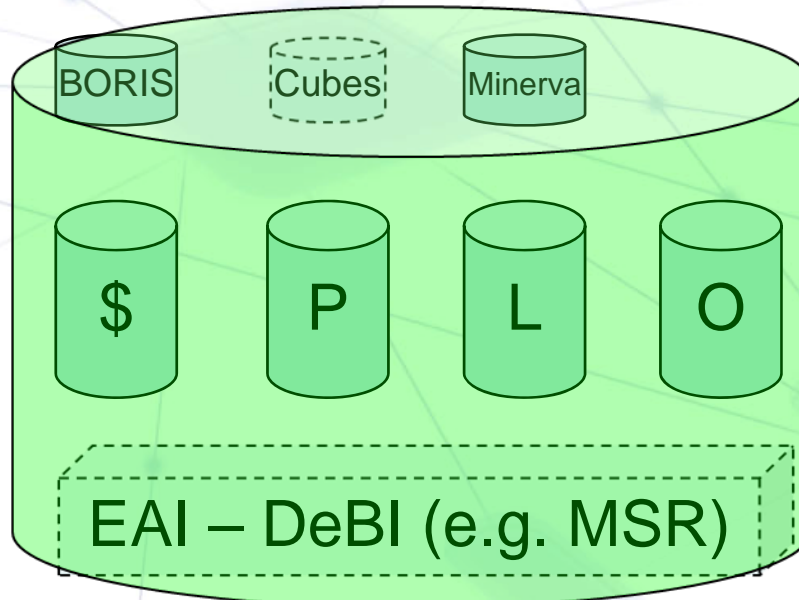
Decision – standardise or change or status quo?



What Proust said?

Statutory &
Management
Information

Business Intelligence



D
O
S
D
2

Internet -
Business



What does it mean?

- Single database?
- Single platform?
- Single vendor?
- Virtual ERP?
- Is it a combination?

Decision – which is the best?



Industry Involvement

- Requirements Definition
- Feasibility and Scoping Studies
- Sustainment – day to day operations and change requests
- Acquisition - projects
- Strategic Partnerships
- Services and Outcomes based contracts



In Conclusion

- The ERPs are integral to the business of Defence and this includes the Warfighter
- Not just back office
- Application alone is not the issue, infrastructure is equally important. Therefore need a robust architecture in place
- Must be willing to change, particularly processes
- A federated data and process views across the ERPs is necessary with appropriate Governance

Decision – continue to update or?