

Future Maintenance Management System (FMMS) – for Maritime / Ships

- FMMS _ Maritime summary slide pack contains the following info. –
 - Indicative Architecture for FMMS
 - Indicative Interface Requirements for FMMS
 - Indicative Workflow Requirements for FMMS
 - Indicative Dashboard Requirements for FMMS
 - Summary Requirements for FMMS covering URD & SRD.



Ministry
of Defence

de&s

SHIPS MAINTENANCE MANAGEMENT (SMM)

Release of this information is provided in good faith and in confidence and must not be distributed further without the express written permission of SMM-Team Leader, contact as below:

Shipoak.Saikat100@mod.gov.uk

FMMS - Architecture

BYOD – Hardware
Agnostic

Platform
Configuration
Baseline

Procurement
System

Water side
Providers

Asset Tree *

Platform., system & Equipment
Asset Tree

Critical
Asset
ID

Asset
Details

Asset
History

Find
your
asset

Maintenance Planning & Delivery *

Maintenance Planning Work Flow

Work
packages
– JIC/MTI

Defect
Management

BoM

Scheduled
SQEP
(Work
Orders)

Work
done
report

Document
Uploader
(photos/Calib
reports)

Word Order
Signoff

Peer 2 Peer
sharing

Training
Mate

Procurement

Status of
Delivery

Order
Tracking

Order
Distribution

Order
Tracking

Inventory Management *

Inventory
Control

Initiate
Requisition

Location

Consume

Receive

Lifecycle
Management

Dashboard & Reporting *

(Monitoring through predictive, operational, Analysis)

User
Defined
Dashboard

BI Analytics
Capability

Platform
Health

Asset
Health

Asset
maintenance
history

Audit
Trail

Fleet
Health

External Inventory
Management

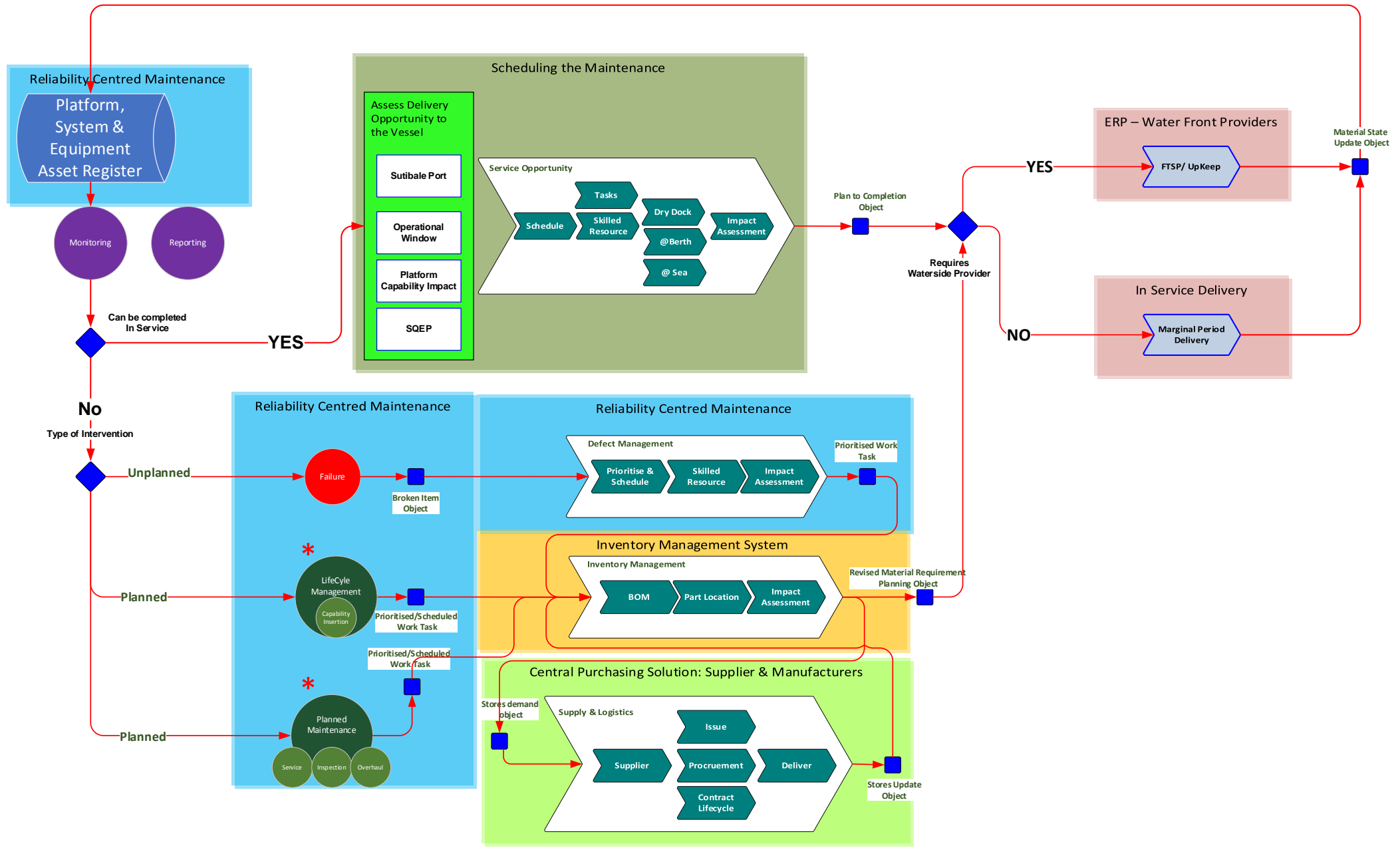
Data
Integration

Data Object

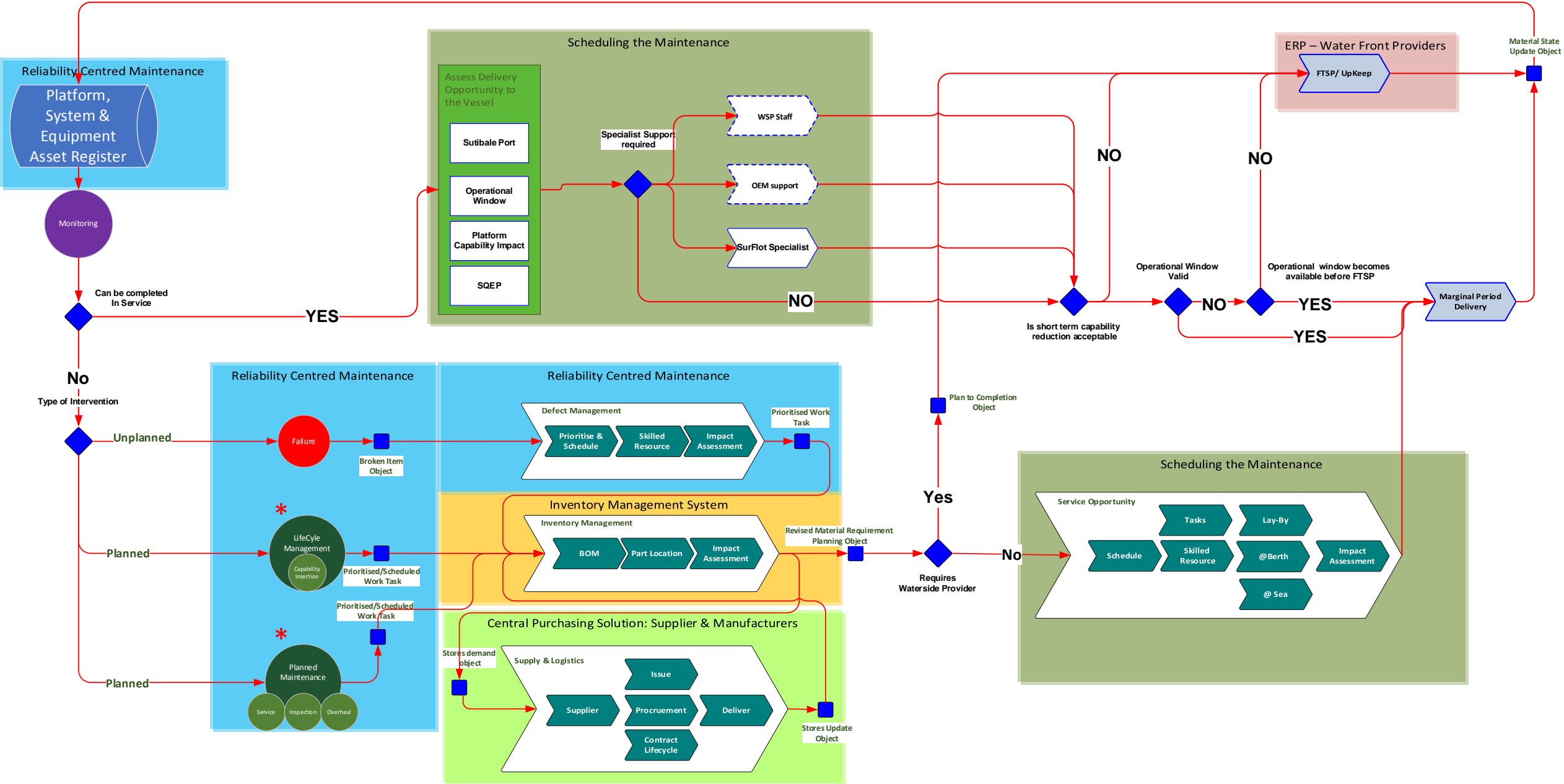
Software
Solution



Future Maintenance Management System



Future Maintenance Management System



FMMS Dashboard

(Configurable Dashboard)

HMS Gold-1

At Sea → Portsmouth | ETA 24/01/2022

Availability

82%



Weapons

Propulsion

Hull Integrity

Auxiliaries

Critical
Assets

Inventory

Defects

Crew

Maintenance
(MMBL)

Overdue
WOs

Reliability

77%



HMS Gold-2

In Port: Portsmouth | ETD 24/01/2022

Availability

53%



Weapons

Propulsion

Hull Integrity

Auxiliaries

Critical
Assets

Low Stock
Items

Defects

Crew

Maintenance
(MMBL)

High Priority
WOs

Reliability

55%



Future Maintenance Management System

