Building The Fit For Purpose Portfolio Management

Engr. Ziad Albasir
Project Controls Consultant

ZALBA$IR EPPM
Decision Making Credibility

info@zalbasireppm.com

Opportunities are for the ones who are ready to take advantage of it. SHK Mohammed Bin Rashid

- Electrotechnical Market is expected to from **$ 3.026 billion** in 2020 until **$ 12.947 Billion** in 2030, at a CAGR of 15.7% between 2021 and 2030,
- Saudi Arabia interior fit out market was valued at **$ 1.212 Billion** in the year 2021, that is further expected to grow with 6.85% CAGR during the forecast period 2023-2027, to be valued at **$ 1.822 Billion** by 2027.

How much is your share?

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EPPM
Decision Making Credibility

Engr. Ziad Albasir :-

25 Years Experience

Leadership and Team Player

Extensive Experience on Project Controls (Scheduling, Cost, Resources)

Enterprise Project Portfolio Management Expert

Project Controls Systems’ Processes and Producers Implementation

Project Management Professional

Arbitrations and Claims Management

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Engr. Ziad Albasir :-

Experience on Different Systems and Work Environments

Education

1997
Graduate as Civil Engineer specialized on Engineering and Construction Management from Tishreen Uni Syria.

2009
Obtaining a Certificate on Arbitration from Robert Gordon Uni UK.

2009
Obtaining a membership of Chartered Institute of Arbitrator UK.

2015
Master Degree on Engineering Management From Queensland Uni of Technology Brisbane QLD Australia.

Professional Experience

1997 - 1999
Yemen

1999-2008
UAE

2008-2013
Australia

2013-2016
Saudi Arabia

2016
Australia

2016 to 2022
UAE and KSA

Engr. Ziad Albasir :- Professional Experience

Experience on Different Systems and Work Environments

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1997 - 1999
Yemen

1999-2008
UAE

2008-2013
Australia

2013-2016
Saudi Arabia

2016
Australia

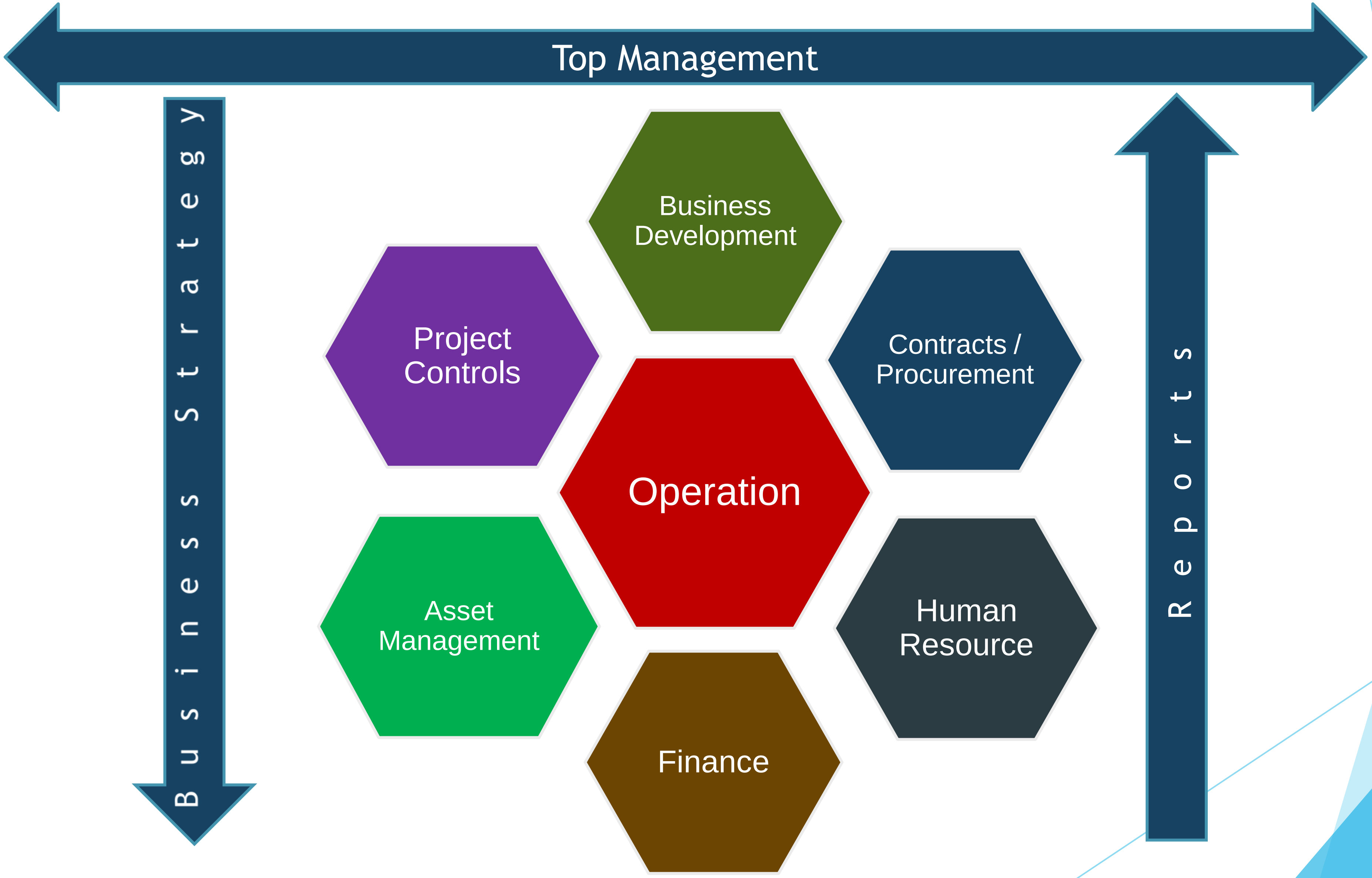
2016 to date
UAE
Forming GALAXYEPPM and Then ZALBASIREPPM

Projects

Saudi Arabia
Amaala Giga Project

Saudi Arabia
The Red Sea Development Company TRSDC Giga Project

Functional Organization Typical Structure


Top Management
Business Strategy
Business Development
Project Controls
Contracts / Procurement
Operation
Asset Management
Human Resource
Finance
Reports

Common Problem

Poor Communication

Poor Risk Management

Bad Forecasting

FINANCE
ess
inco
ASH FLOW
OFIT
operation

Delayed Cash Flow

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Common Problem

Limited Skills

Regulations Compliance

Blame Game

Poor Documentation

Common Problem

The lack of reliable subcontractors

High Insurance Costs

Poor Scheduling

Poor Productivity

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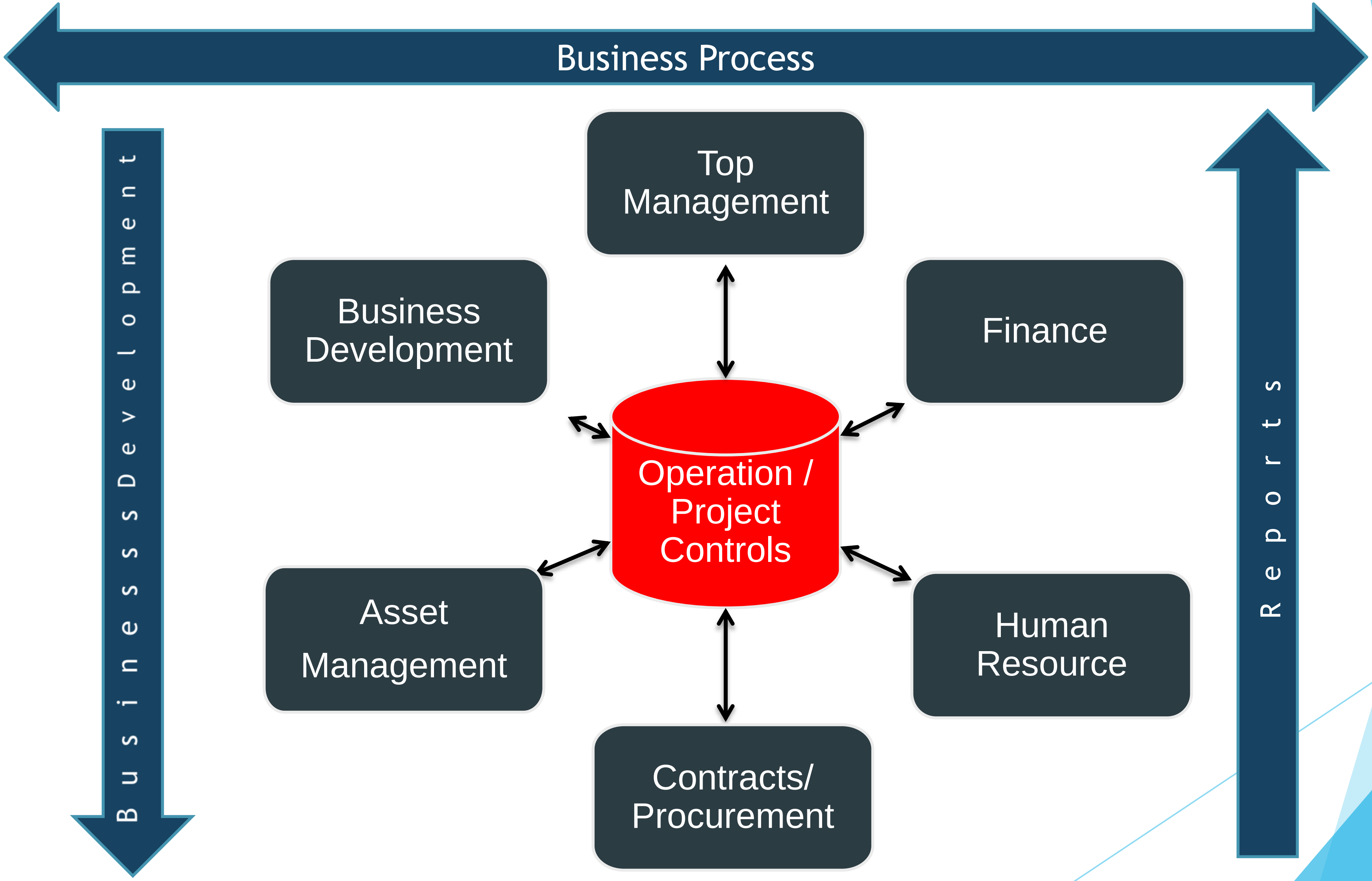
Functional Organization Restructure No.1



Business Process

Business Development

Top Management

Business Development

Finance

Operation / Project Controls

Asset Management

Human Resource

Contracts/ Procurement

Reports

Functional Organization Restructure No.2

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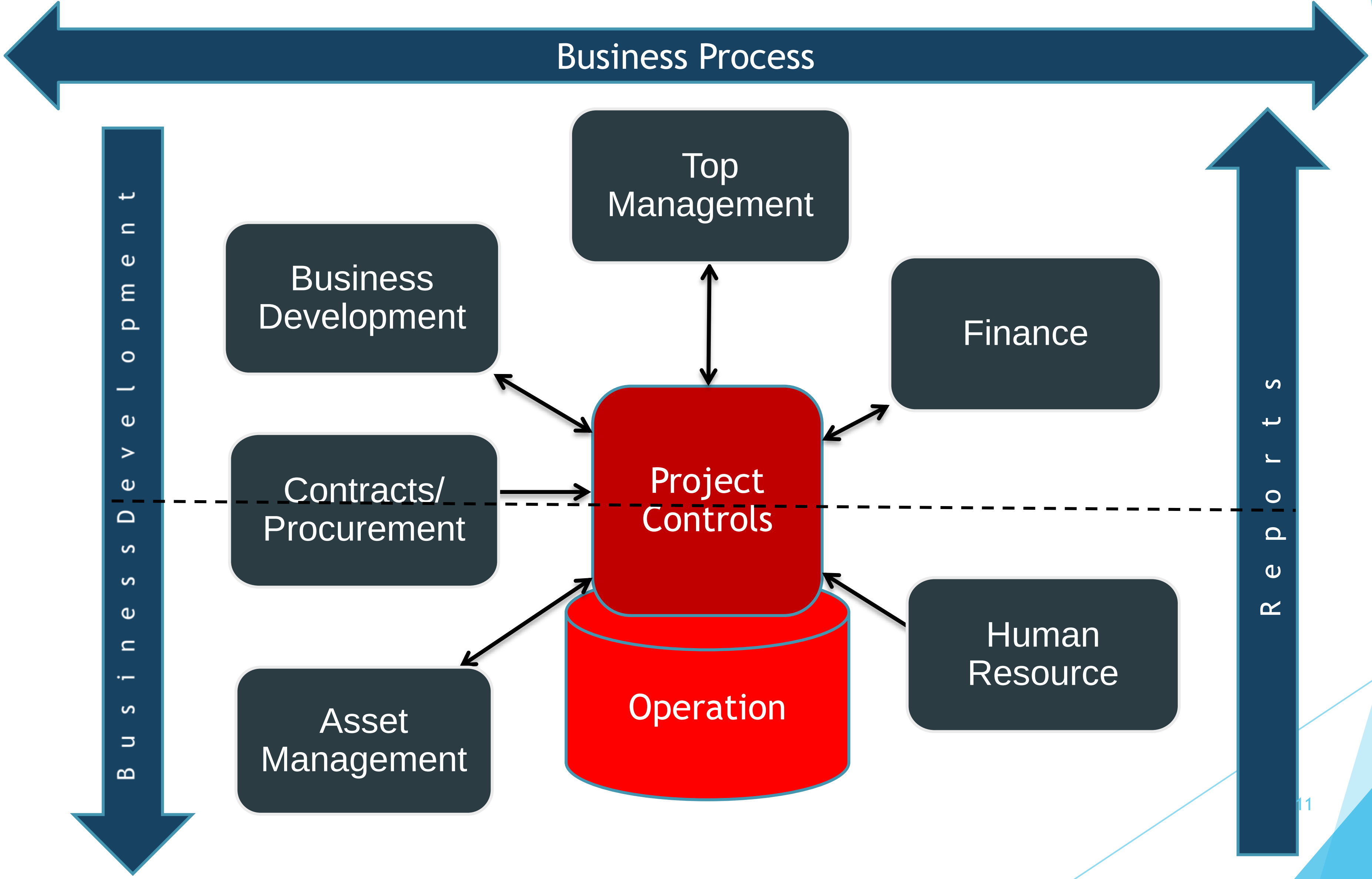
Business Process
Business Development
Reports
Top Management
Business Development
Finance
Contracts/ Procurement
Project Controls
Operation
Human Resource
Asset Management

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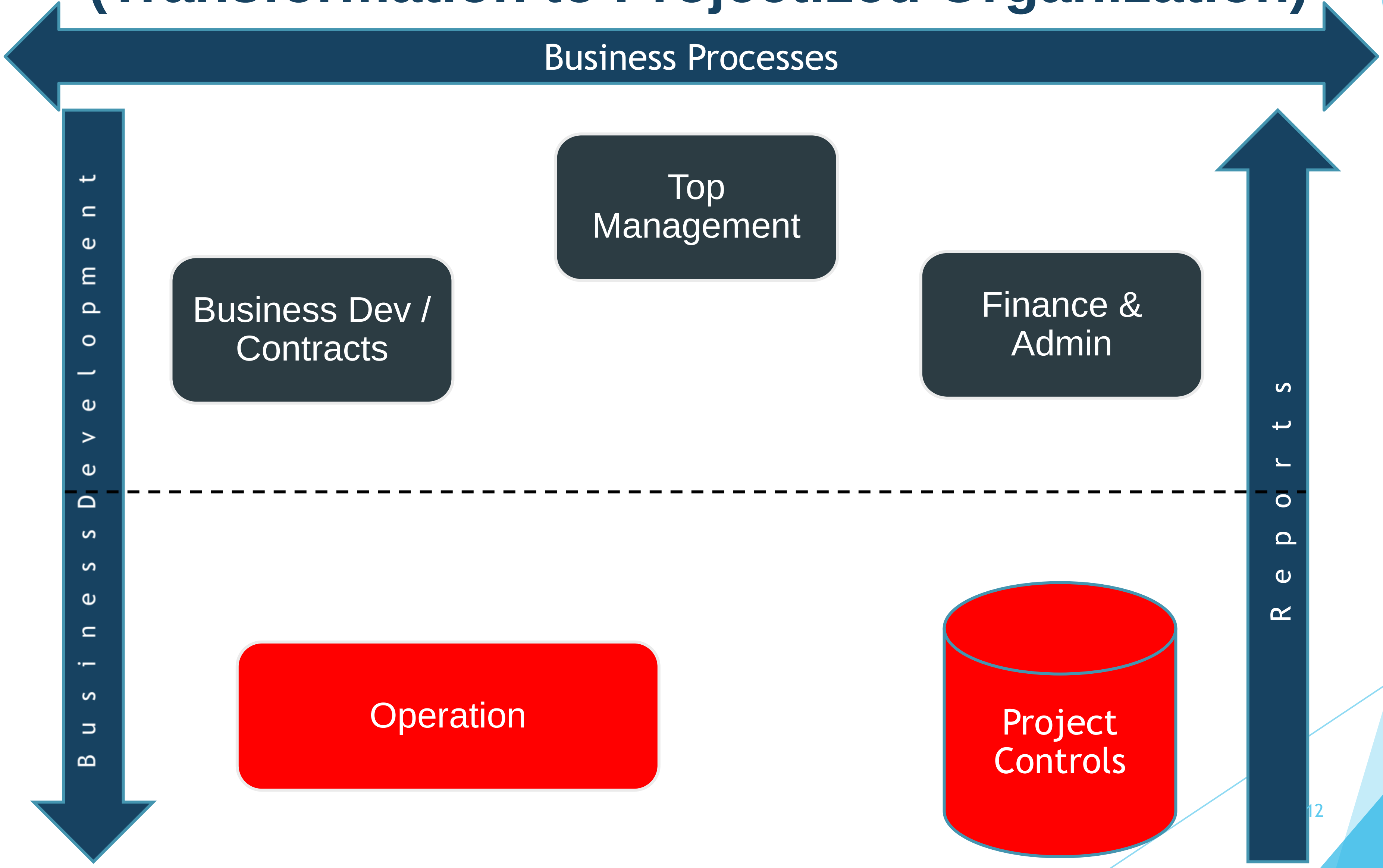
Functional Organization Restructure No.3 (Transformation to Projectized Organization)



Business Processes

Business Development

Top Management

Business Dev / Contracts

Finance & Admin

Reports

Operation

Project Controls

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The Implementation Study

Study
- Study the current systems and tools.

Establish
- Establish a PMO in alignment with the strategic plans.

Prioritize
- Define portfolio management approach to better manage various projects types.

Schedule
- Define project management methodologies, forms/reports, tools, etc.

Resourcing
- Plan and organize staff for the PMO with the right resources from the current staff and train them.

Project Management Tools

Governance
- Define the governance, policies, procedures, processes and plans.

Implementation Planning Phase 1

- Translate the Strategic Planning into visual reporting
- Decide PMO software and maintain its Global and Local data.
- Define the required projects methodologies
- Define Goals and Prepare Charters
- Define Success Criteria/Metrics
- Projects Detailed Planning
- Global Resource Planning
- Define Roles and Responsibilities
- Develop Organization Structure
- Identify Staff requirements
- Identify Location/Equipment/Other Requirements
- Identify and Document Requirements
- Evaluate Tools Available
- Get Management Approval

Implementation Planning Phase 2

- Develop communications plans and Integration Strategies
- Establish Project Criteria/Review/Prioritization
- Define methodology activities list
- Define PMO Management Processes
- Define Progress Tracking Methods
- Define Issue Management and Resolution
- Define Escalation Processes
- Define Risks Management Processes

Implementation Planning Phase 3

- Create Project Management Templates
- Establish Analysing techniques.
- Recalibrate Goals, Scope, and Resources
- Setup infrastructure
- Build Team
- Implement Processes
- Maintain PMO
- Manage Projects
- Manage Resources
- Monitor Progress
- Improve as you go
- Report PMO KPIs

Implementation Planning Phase 3

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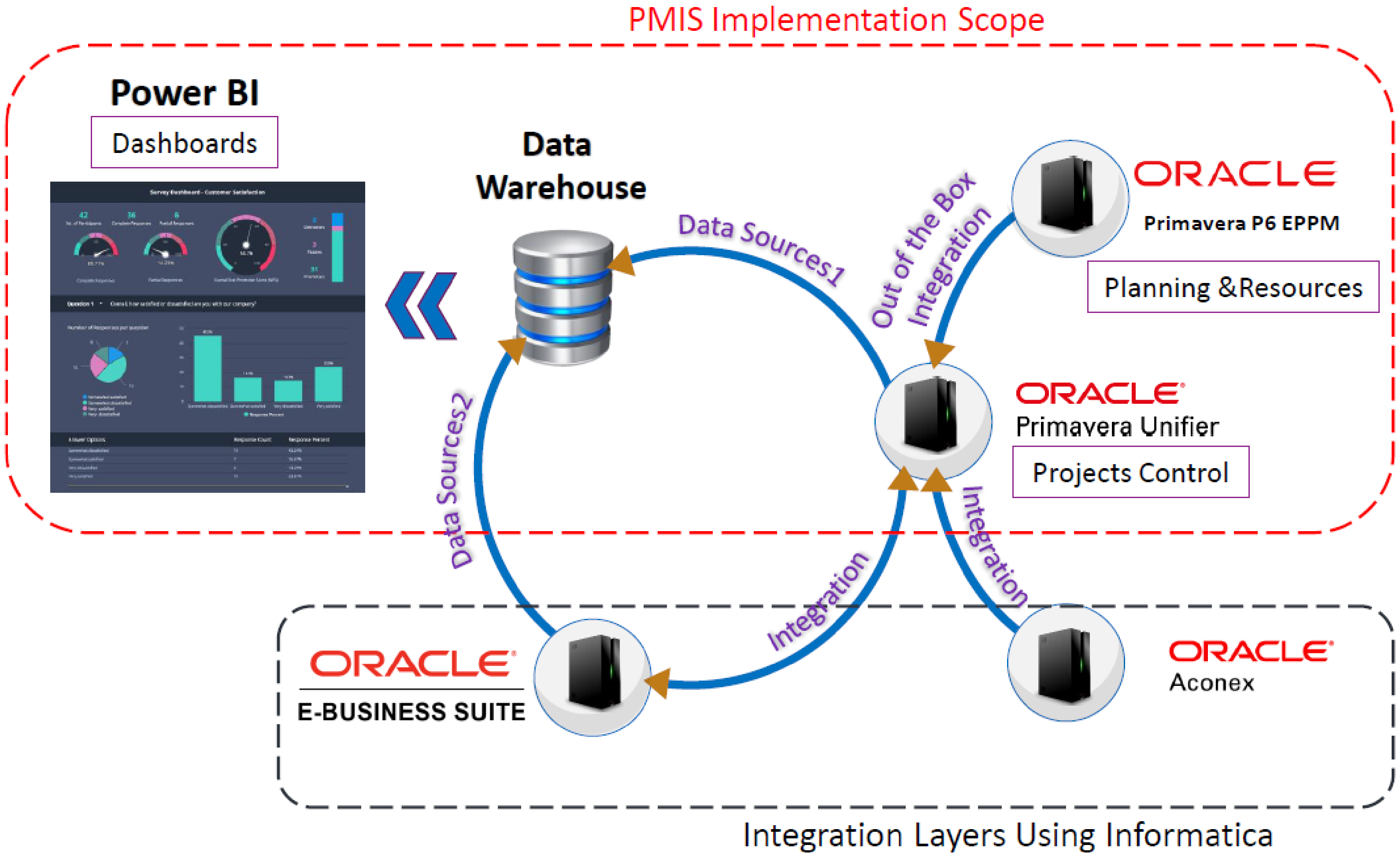
PMIS Scope



PMIS Implementation Scope

Power BI

Dashboards

Data Warehouse

Data Sources1

Data Sources2

Out of the Box Integration

ORACLE

Primavera P6 EPPM

Planning &Resources

ORACLE

Primavera Unifier

Projects Control

Integration

Integration

ORACLE

E-BUSINESS SUITE

ORACLE

Aconex

Integration Layers Using Informatica

The Tool
Primavera P6 EPPM

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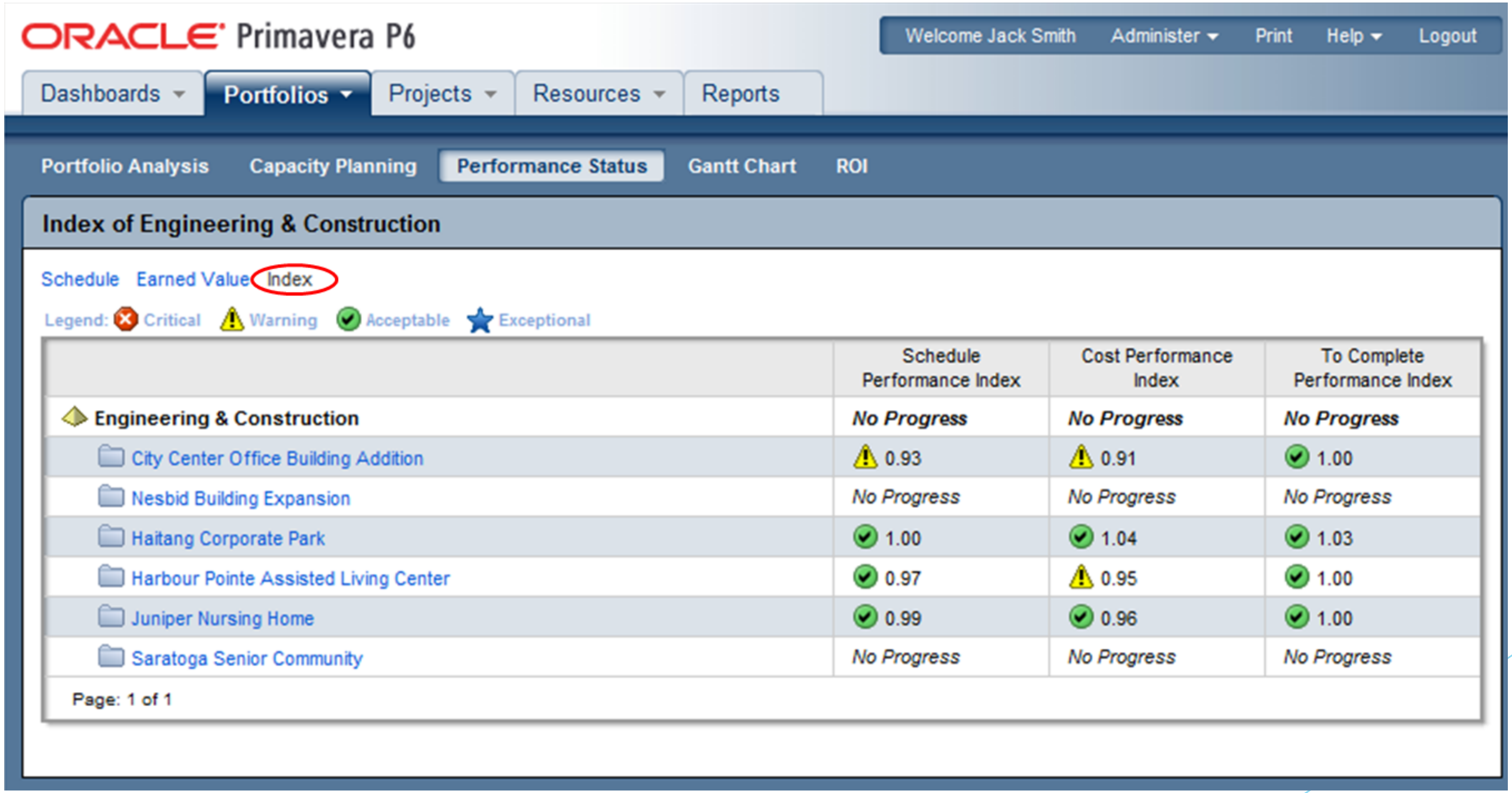
- P6 Professional Advantages
- Share all Projects Information and Global Dictionaries with Team Members
- Enterprise Visibility and Control
- Program Control
- Portfolio management and analysis
- Project Management
- Standard Or Customizable Dashboards (Project –Portfolio)
- Document management
- Risk Management (Project –Portfolio)
- Application administration
- Integration with many Oracle Primavera Solutions
- Customized Reports Using Power BI or Bi Publisher(Project –Portfolio)

Portfolio Index


ORACLE Primavera P6
Welcome Jack Smith
Administer
Print
Help
Logout
Dashboards
Portfolios
Projects
Resources
Reports
Portfolio Analysis
Capacity Planning
Performance Status
Gantt Chart
ROI

Index of Engineering & Construction

Schedule Earned Value Index

Legend: ✖ Critical ⚠ Warning ✓ Acceptable ★ Exceptional

	Schedule Performance Index	Cost Performance Index	To Complete Performance Index
Engineering & Construction	***No Progress***	***No Progress***	***No Progress***
City Center Office Building Addition	⚠ 0.93	⚠ 0.91	✓ 1.00
Nesbid Building Expansion	*No Progress*	*No Progress*	*No Progress*
Haitang Corporate Park	✓ 1.00	✓ 1.04	✓ 1.03
Harbour Pointe Assisted Living Center	✓ 0.97	⚠ 0.95	✓ 1.00
Juniper Nursing Home	✓ 0.99	✓ 0.96	✓ 1.00
Saratoga Senior Community	*No Progress*	*No Progress*	*No Progress*

Page: 1 of 1

Link Different Projects

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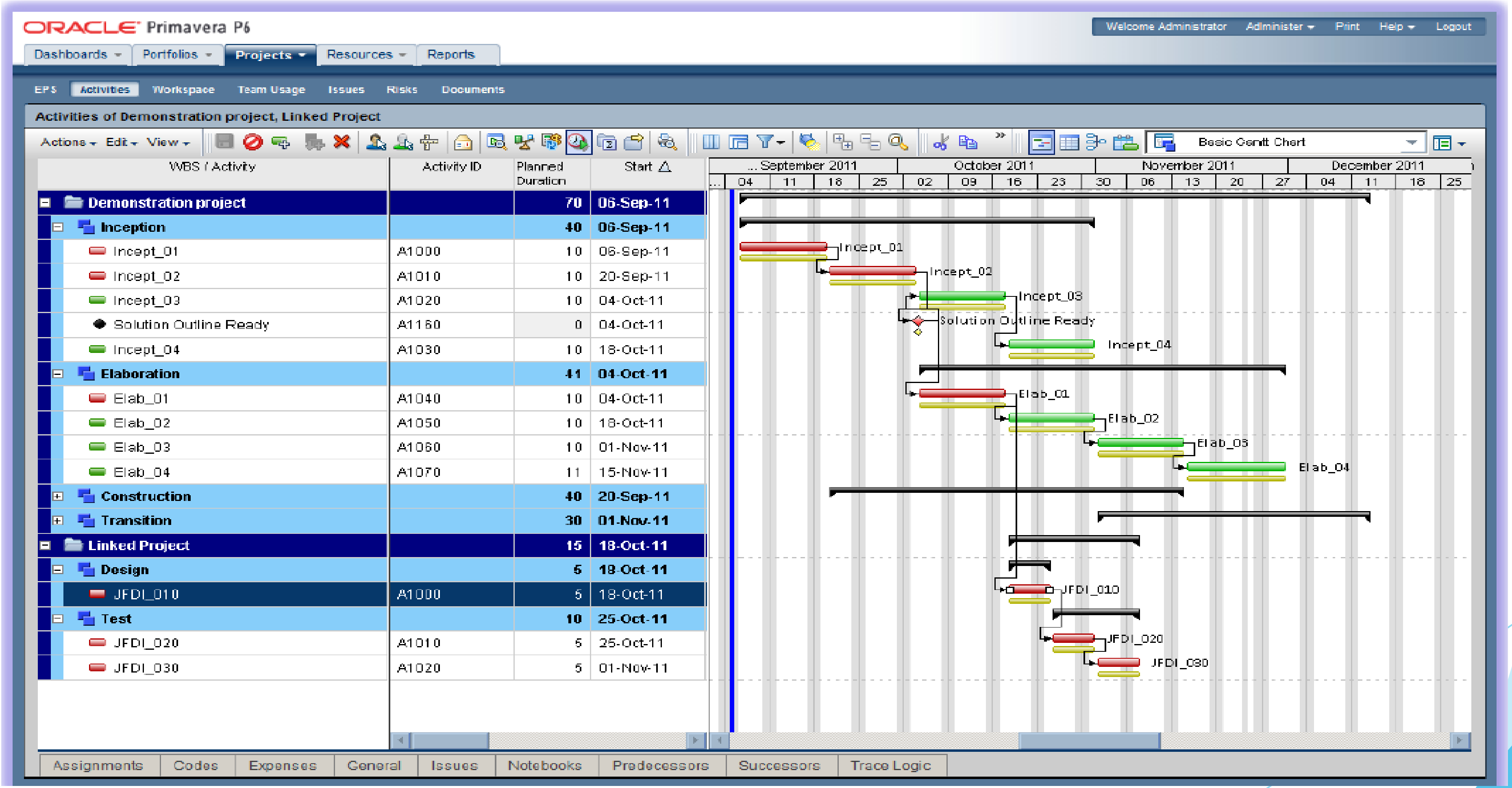
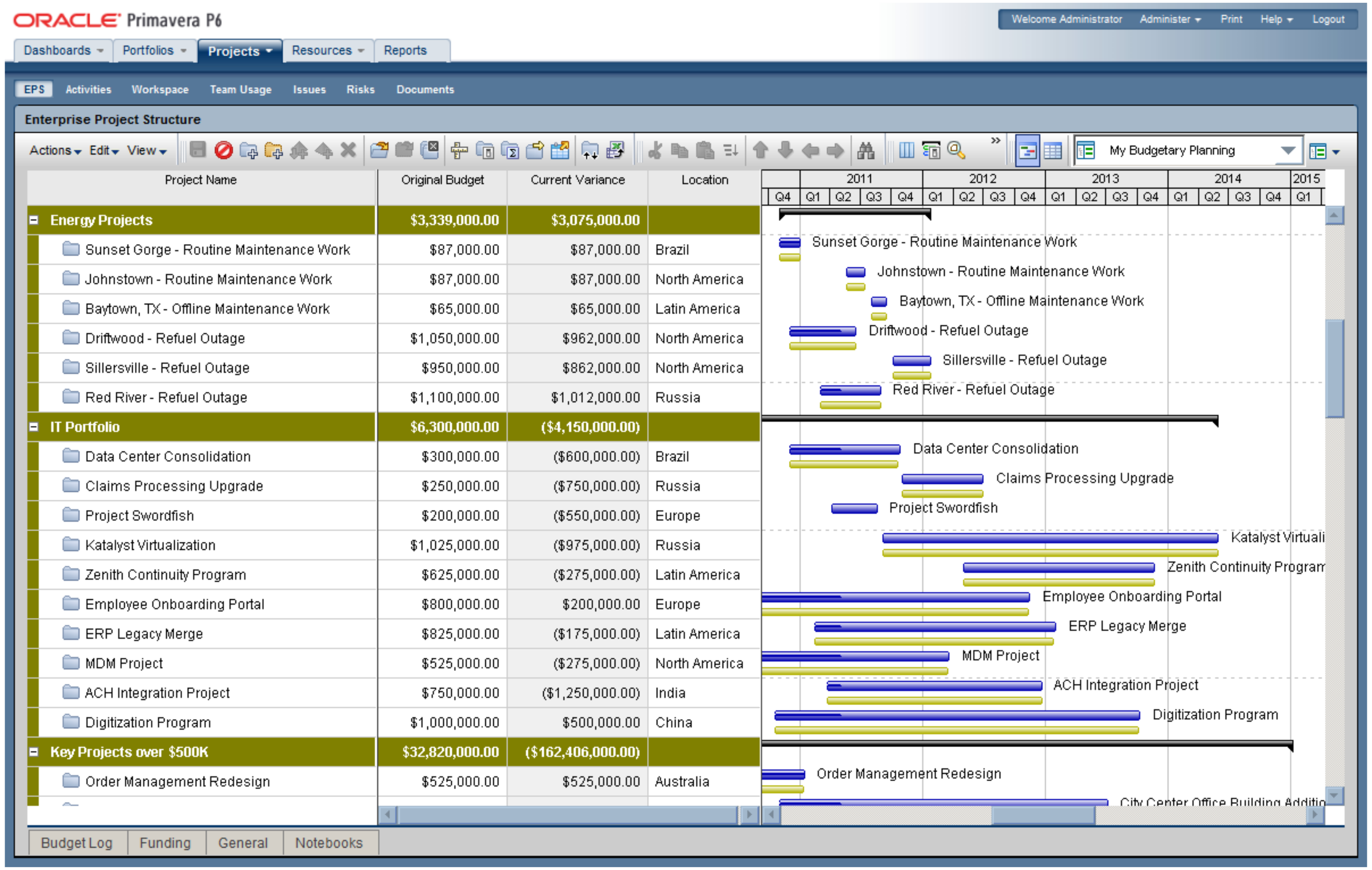

ORACLE Primavera P6
Welcome Administrator
Administer
Print
Help
Logout
Dashboards
Portfolios
Projects
Resources
Reports
EPS
Activities
Workspace
Team Usage
Issues
Risks
Documents
Actions
Edit
View
Basic Gantt Chart
September 2011
October 2011
November 2011
December 2011
Assignments
Codes
Expenses
General
Issues
Notebooks
Predecessors
Successors
Trace Logic

Activities of Demonstration project, Linked Project

WBS / Activity	Activity ID	Planned Duration	Start
Demonstration project		70	06-Sep-11
Inception		40	06-Sep-11
Incept_01	A1000	10	06-Sep-11
Incept_02	A1010	10	20-Sep-11
Incept_03	A1020	10	04-Oct-11
Solution Outline Ready	A1160	0	04-Oct-11
Incept_04	A1030	10	18-Oct-11
Elaboration		41	04-Oct-11
Elab_01	A1040	10	04-Oct-11
Elab_02	A1050	10	18-Oct-11
Elab_03	A1060	10	01-Nov-11
Elab_04	A1070	11	15-Nov-11
Construction		40	20-Sep-11
Transition		30	01-Nov-11
Linked Project		15	18-Oct-11
Design		5	18-Oct-11
JFDI_010	A1000	5	18-Oct-11
Test		10	25-Oct-11
JFDI_020	A1010	5	25-Oct-11
JFDI_030	A1020	5	01-Nov-11

Manage Cost and Schedule in the same time

Decision Making Credibility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Activities
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Team Usage
Issues
Risks
Documents
Enterprise Project Structure
Actions
Edit
View
My Budgetary Planning
2011
2012
2013
2014
2015
Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
Budget Log
Funding
General
Notebooks

Project Name	Original Budget	Current Variance	Location
Energy Projects	**$3,339,000.00**	**$3,075,000.00**	
Sunset Gorge - Routine Maintenance Work	$87,000.00	$87,000.00	Brazil
Johnstown - Routine Maintenance Work	$87,000.00	$87,000.00	North America
Baytown, TX - Offline Maintenance Work	$65,000.00	$65,000.00	Latin America
Driftwood - Refuel Outage	$1,050,000.00	$962,000.00	North America
Sillersville - Refuel Outage	$950,000.00	$862,000.00	North America
Red River - Refuel Outage	$1,100,000.00	$1,012,000.00	Russia
IT Portfolio	**$6,300,000.00**	**($4,150,000.00)**	
Data Center Consolidation	$300,000.00	($600,000.00)	Brazil
Claims Processing Upgrade	$250,000.00	($750,000.00)	Russia
Project Swordfish	$200,000.00	($550,000.00)	Europe
Katalyst Virtualization	$1,025,000.00	($975,000.00)	Russia
Zenith Continuity Program	$625,000.00	($275,000.00)	Latin America
Employee Onboarding Portal	$800,000.00	$200,000.00	Europe
ERP Legacy Merge	$825,000.00	($175,000.00)	Latin America
MDM Project	$525,000.00	($275,000.00)	North America
ACH Integration Project	$750,000.00	($1,250,000.00)	India
Digitization Program	$1,000,000.00	$500,000.00	China
Key Projects over $500K	**$32,820,000.00**	**($162,406,000.00)**	
Order Management Redesign	$525,000.00	$525,000.00	Australia

Sunset Gorge - Routine Maintenance Work
Johnstown - Routine Maintenance Work
Baytown, TX - Offline Maintenance Work
Driftwood - Refuel Outage
Sillersville - Refuel Outage
Red River - Refuel Outage
Data Center Consolidation
Claims Processing Upgrade
Project Swordfish
Katalyst Virtuali
Zenith Continuity Progran
Employee Onboarding Portal
ERP Legacy Merge
MDM Project
ACH Integration Project
Digitization Program
Order Management Redesign
City Center Office Building Additio

Advance Capability

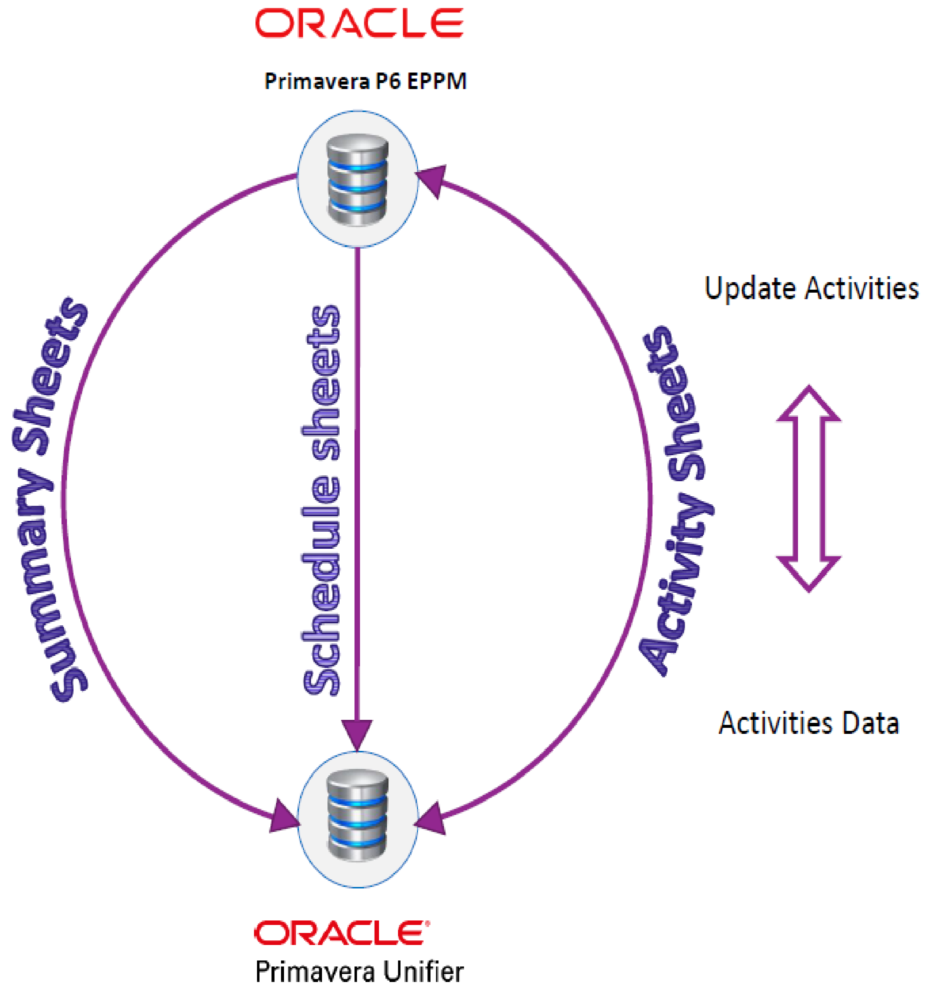
P6 EPPM also integrates with many other optional solutions such as:

- Primavera Unifier.
- Oracle Prime Projects.
- Oracle Primavera Risk Analysis.
- Oracle PPM.
- Primavera Earned Value Management.

System Data In and Out

Summary Sheets
1. WBS hierarchy
generate the CBS hierarchy.
2. summarized information
about : Projects, Baselines, Resource assignments, and Expenses

Schedule Sheets
1. Project.
2. WBS.
3. Activity data.
4. Resource assignment.


ORACLE
Primavera P6 EPPM
Summary Sheets
Schedule sheets
Activity Sheets
Update Activities
Activities Data
ORACLE
Primavera Unifier

System Implementation Schedule

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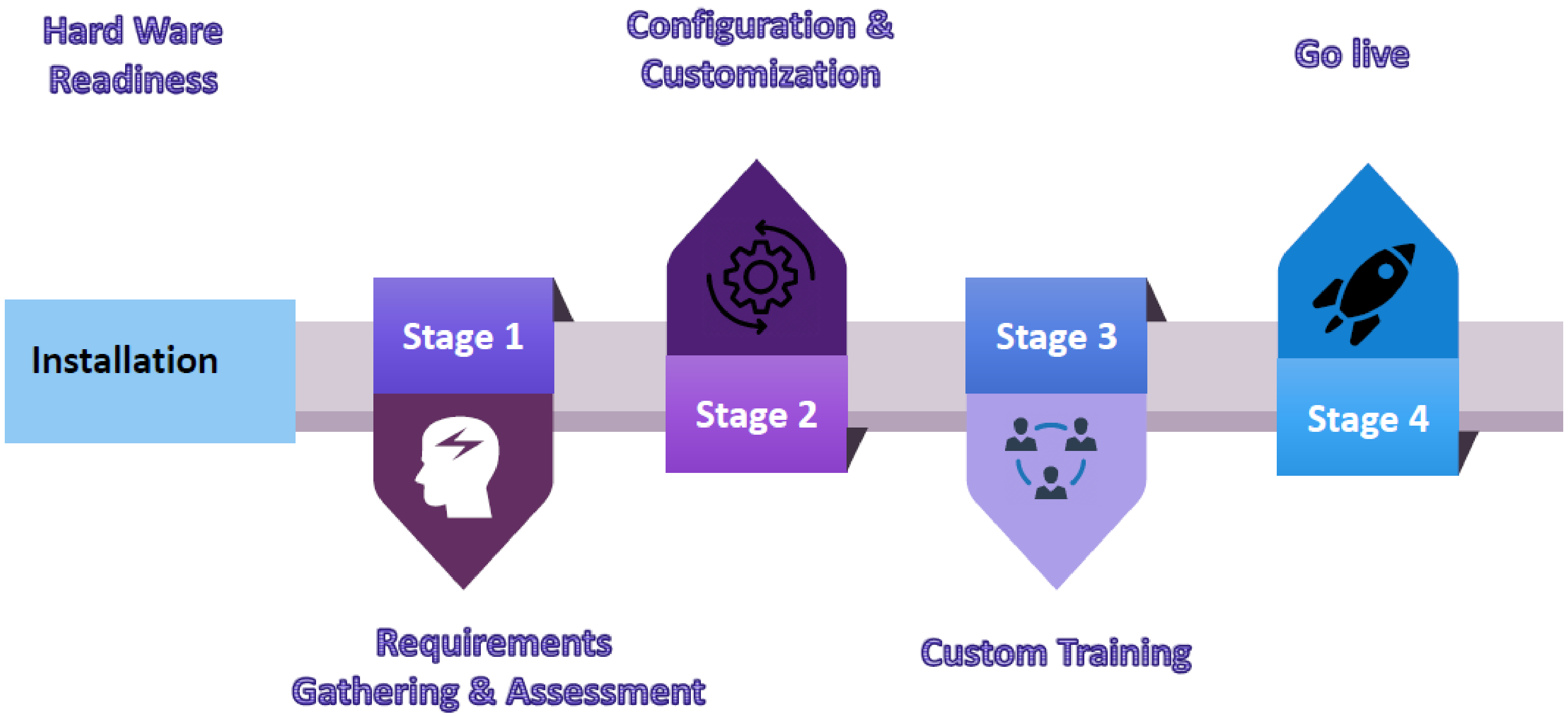


Hard Ware Readiness

Installation

Stage 1

Requirements Gathering & Assessment

Configuration & Customization

Stage 2

Stage 3

Custom Training

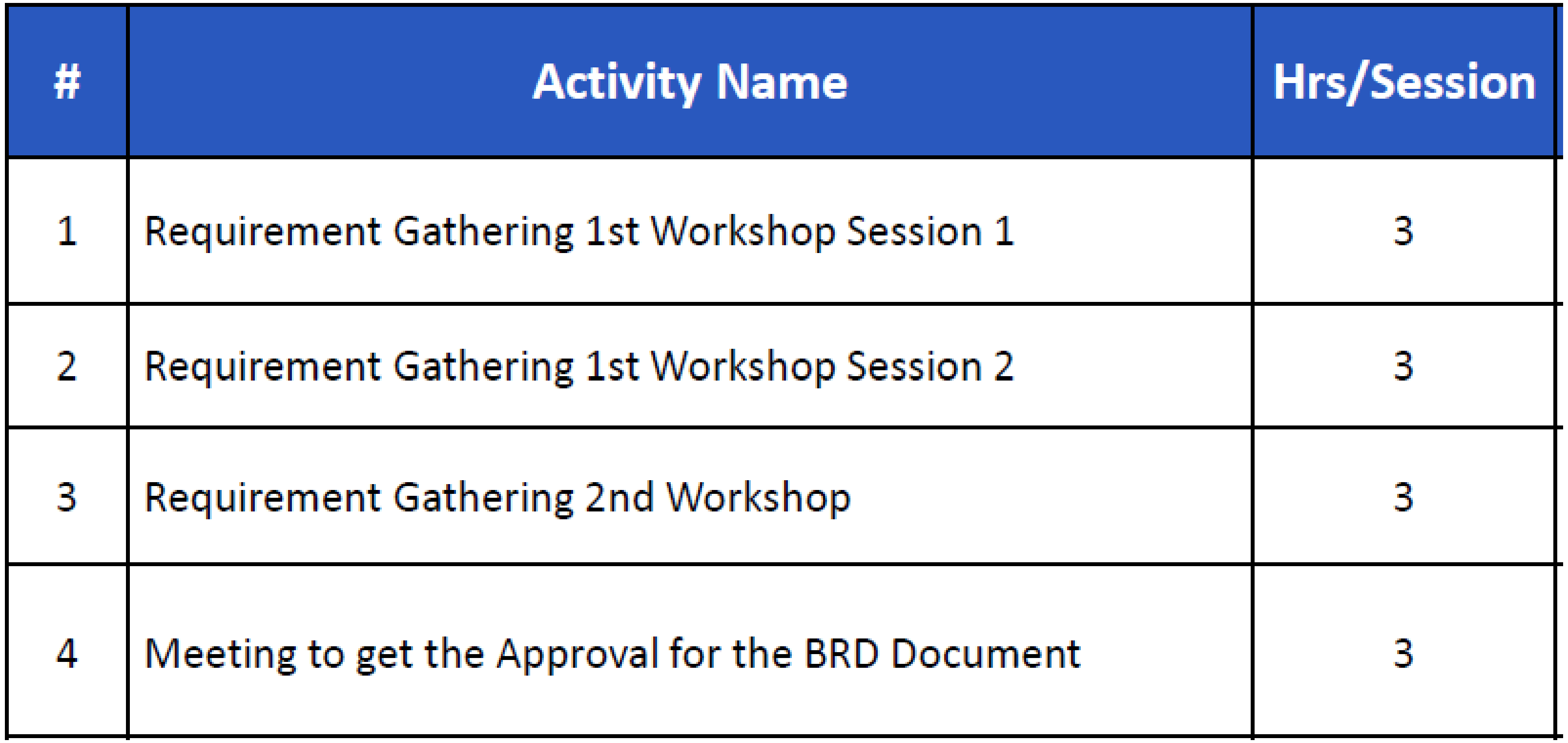
Go live

Stage 4

Projects Implementation Schedule

1. Data Gathering and Assessment
2. Configuration & Customization
3. Custom Training
4. Go Live&Deliver The Project

Workshops



#	Activity Name	Hrs/Session
1	Requirement Gathering 1st Workshop Session 1	3
2	Requirement Gathering 1st Workshop Session 2	3
3	Requirement Gathering 2nd Workshop	3
4	Meeting to get the Approval for the BRD Document	3

Data Required

#	Workshop No	Data
1	1st Workshop Session 1	☐ Users Details ☐ EPS ☐ OBS ☐ Resources Pool ☐ Currencies ☐ Documents Cetegories ☐ Documents status Codes ☐ Baselines Types
2	1st Workshop Session 2	☐ Calendars ☐ Global Security Profiles ☐ Project Security Profiles
3	2nd Workshop	☐ Portfolio Dashboards ☐ Project Dashboard ☐ Activity Steps Templates ☐ Users Interface Views

Questions

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