



Oracle Primavera Unifier简介



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Primavera系列产品应用思路—构建企业级架构

技术架构：基于SOA和Fusion Middleware

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基于工程行业的Oracle Primavera产品套件

Analytics Dashboards & Reporting

ORACLE | PRIMAVERA

Primavera P6 EPPM 项目计划执行控制平台

项目管理
计划及进度跟踪
风险管理
资源管理
项目组合管理



Primavera Unifier 项目成本控制及沟通协作平台

项目成本控制
项目交付管理
设施管理

风险分析
Monte Carlo Simulation
Quantitative/Qualitative Risks

Primavera Gateway Integration Framework

Q

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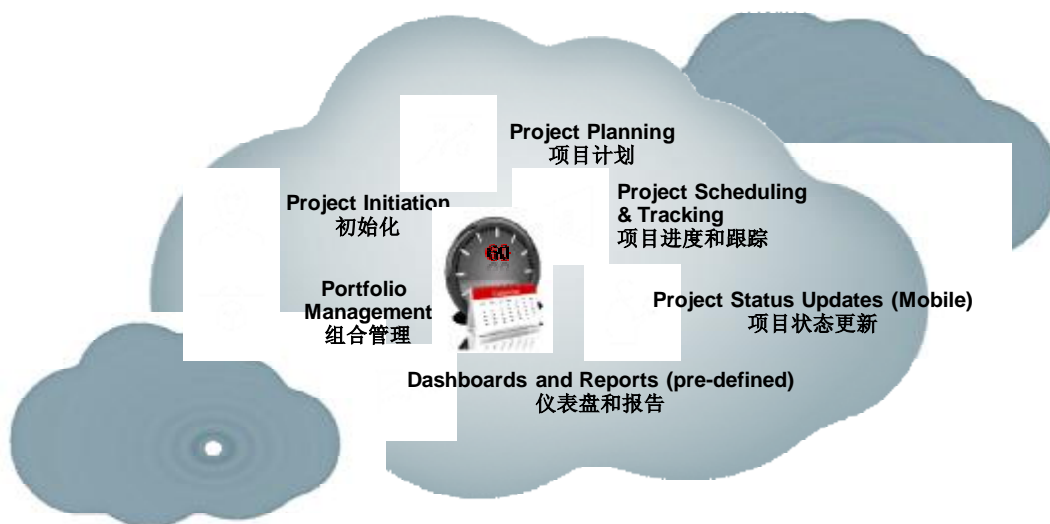
Oracle Primavera产品核心发展重点



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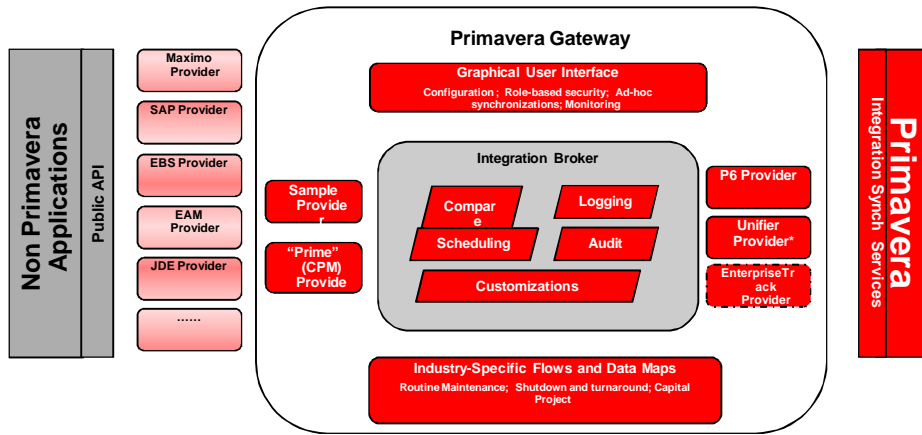
Oracle Primavera全面支持企业搭建项目管理云平台



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Primavera项目管理平台能够更好的融入企业IT环境



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简洁直观的界面风格及导航应用提升系统的易用性

The screenshots demonstrate the user interface of Primavera Unifier. The top screenshot shows a search bar and a list of recent locations. The bottom screenshot shows a navigation pane on the left with a tree view of company documents. Red callouts highlight specific features:

- 通过导航及查找进入公司、区域、项目** (Through navigation and search to enter company, region, project)
- 通过导航快速进入业务主题** (Through navigation to quickly enter business topics)

BP	Folder Name	Size	Creation Date	Owner
	Company-Wide Facilities and Real Estate		05/23/2013	OOTB Admin
	Corporate Accounting		05/23/2013	OOTB Admin
	Corporate Assets Data		05/23/2013	OOTB Admin
	Corporate HR		05/23/2013	OOTB Admin
	Corporate Legal		05/23/2013	OOTB Admin
	Corporate Procedures		05/23/2013	OOTB Admin
	Corporate Systems and Technology		05/23/2013	OOTB Admin
	Investor Information		05/23/2013	OOTB Admin
	Mission and Vision		05/23/2013	OOTB Admin
	Standards Documentation		05/23/2013	OOTB Admin

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Oracle Primavera极大丰富了多场景的移动应用



PM /
Executive
usecases

Business
processes

Activity
Updates

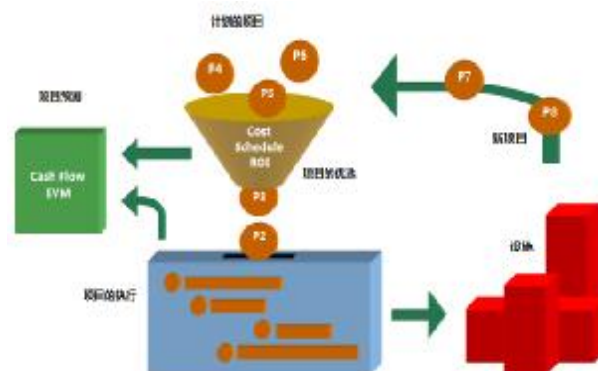
Timesheets

Communicati
on



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完整的项目管理方案保证项目全生命周期的集成协作



Primavera项目管理平台OOTB

uDesigner

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关于Oracle Primavera Global Business Unit

在项目组合管理领域居于领先地位

- n Primavera 于1983年在美国成立，致力于项目密集型行业的项目管理软件开发
- n 30多年来一直是分析师公认的行业领导者，用Primavera管理的项目价值超过6万亿美元
- n 2008年，Oracle收购Primavera，建立Primavera GBU，作为Oracle旗下专注于项目管理解决方案的全球事业部
- n 2012年收购Instantis，加强了IT、新产品开发、六西格玛项目管理方案，并同时提供云方案
- n 2012年收购Skire Unifier，加强了项目成本管理、项目协同管理方案，并同时提供云方案
- n 2012年PGBU合并了Autovue GBU，将在线图档方案纳入到项目管理方案中

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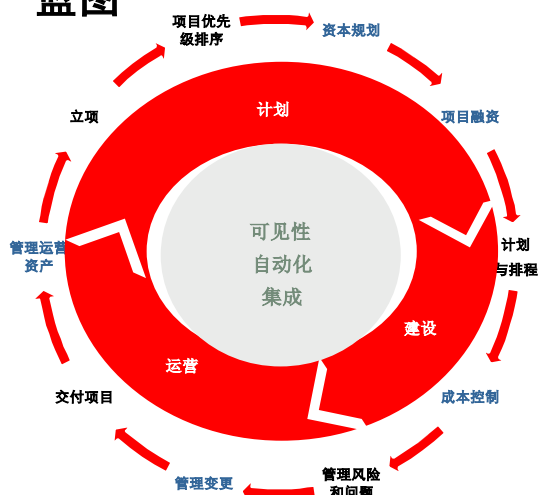
关于Primavera Unifier

- n 它是一个企业级项目组合生命周期管理方案软件
- n 它通过可配置的业务流程自动化特性，来驱动业务规则，加强可审计性，提升项目执行过程的可见性
- n 可实现跨组织机构的管理，例如跨多个业务部门
- n 具有一流的成本控制功能和项目执行功能

The screenshot displays the Primavera Unifier web application interface. The top navigation bar includes 'Home', 'General', 'MIN DOT Projects', 'Demo Hierarchy', 'CIP', and 'Woodside FM'. The left sidebar contains a 'User Mode' dropdown and a list of icons for Alerts, uMail, Task Manager, Information, Asset Manager, Space Manager, Work Order Manager, Corrective WOs, PM Work Orders, PM Schedules, Document Manager, and Reports. The main content area is titled '43 Roe Street, Roebourne - Home' and features a 'View Dashboard' button. Below this, there is a 'Summary' section with an image of a modern building. To the right of the image is a 'Details' panel showing project information: Number (WB-00001), Name (43 Roe Street, Roebourne), Description, Administrator (Fred Kianer), Currency (Australia Dollar (AUD)), Status (Active), and Email Address (5726-ca4@unifiermail.com). Below the details is a section titled 'Items Requiring Your Attention' with counts for Tasks (0 New, 0 Late), Messages (0 New), Draft Records (0 New), and uMails (0 New). At the bottom, there is a table titled 'FM Projects - Current View: All' showing a list of projects with columns for Number, Name, Start Date, End Date, Project Type, Status, Region, and Campus Name.

Number	Name	Start Date	End Date	Project Type	Status	Region	Campus Name
FM-000001	HVAC System Upgrade	05/09/2011	08/25/2011	Replacement	Complete		
FM-000002	Roof Replacement	01/28/2011	04/12/2011	Replacement	Complete		
FM-000003	Parking Expansion	09/10/2012		Expansion	Approved		
FM-000004	Entrance Lobby and Atrium Renovation	06/04/2012		Renovation	Active		
FM-000005	East Wing Telecom Wiring Upgrade	05/02/2011	07/05/2011	Tenant Improvement	Complete		

Oracle Primavera提供贯穿项目全生命周期过程的完整方案 蓝图



贯穿整个生命周期的可见性

- n 从规划、建设到运营维护各阶段的项目管控
- n 在整个项目过程中，贯穿始终的工作流程，透明的数据，确保决策的一致性

简便易用的自动化流程

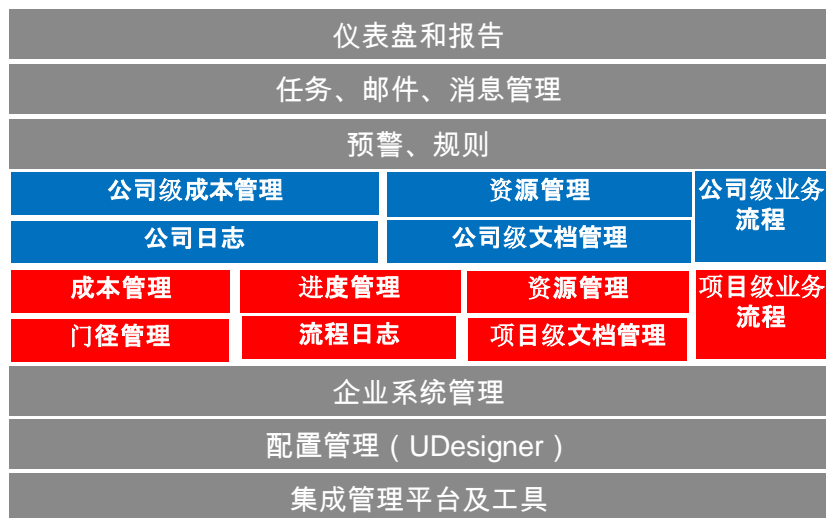
- n 关注易用性
- n 截取关键流程的知识，构建企业范围内的最佳实践

与分析应用和ERP集成

- n 方便根据实际的财务预测监控、可视化以及调整计划
- n 根据实时的信息平衡资源
- n 与ERP，HCM和财务系统集成

Unifier产品功能架构简介

Primavera Unifier 功能架构



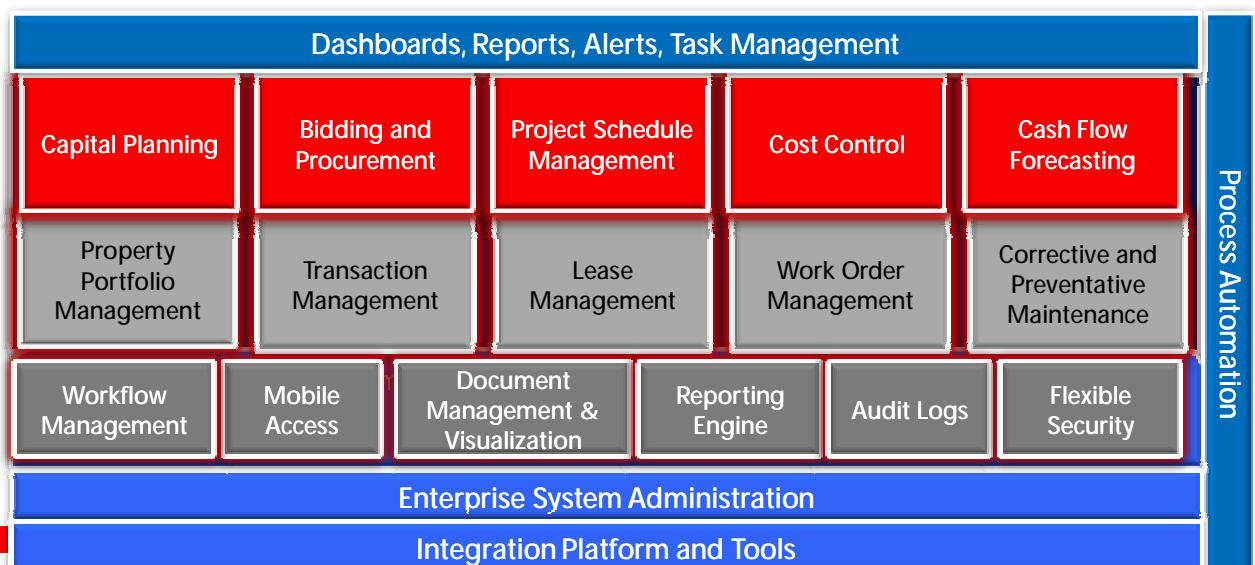
项目层功能

公司层功能

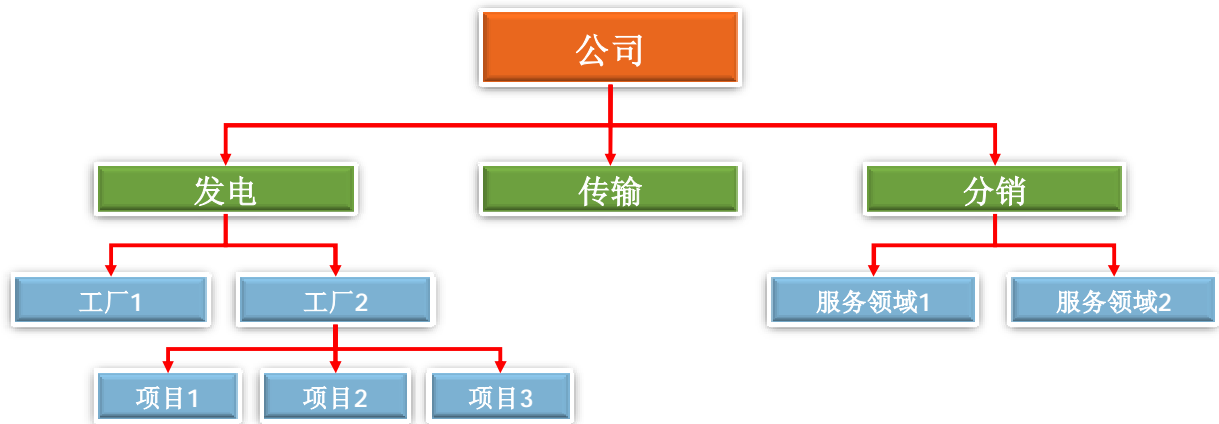
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Primavera Unifier 功能模块



项目层级结构

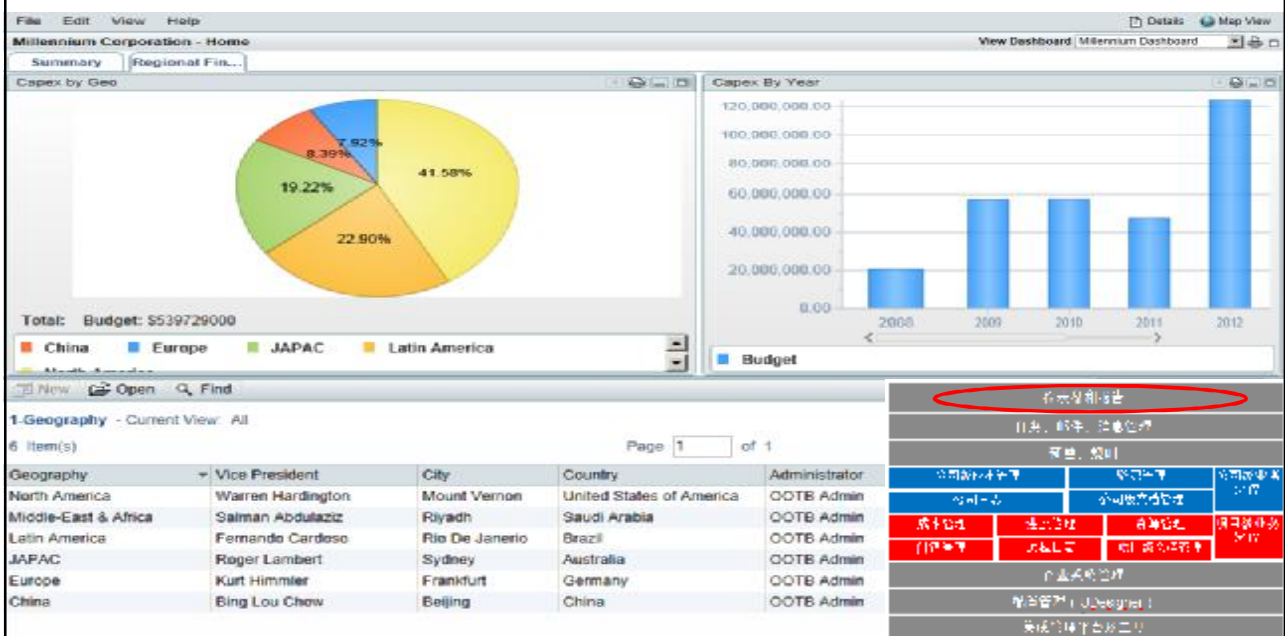


在每个层级，均有独立的项目用户及授权，功能组织，以及对下级项目/组织的信息汇总展现。

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仪表盘和报表—项目信息的汇总展现



仪表盘和报表—仪表盘可定制

File Edit View Help

Alaska University-Anchorage - Home

Project Deliv...

Action Items by Status

Incidents by Injury Type

Edit Dashboard - Windows Internet Explorer

Edit Dashboard

Dashboard Layout

☐ Use Custom Dashboard: Select...

Tab Name	Tab Layout	Show	Filters
Project Delivery		<input checked="" type="checkbox"/>	
Tab2		<input type="checkbox"/>	
Tab3		<input type="checkbox"/>	
Tab4		<input type="checkbox"/>	
Tab5		<input type="checkbox"/>	

Source Details

Block Order	Block Title	Source Name	Block Type	Result Type	Display Type
1	Action Items by Status	Action Items Records St	Standard	Actual Value	Pie Chart
2	Incidents by Injury Type	Incidents	Custom	Actual Value	Pie Chart
3	Submittals by Status	Submittals Records Stat	Standard	Actual Value	Pie Chart

Add Modify Remove Move Up Move Down

OK Cancel

仪表盘和报表-支持UDR（User-Defined-Reports）和BI Publisher报表

http://unit9247.oracleads.com/bp/sys/bip/report/runReport?id=893&sgat=9b2a5bb8d248a0f9f1b8027b1 - Win...

MILLENNIUM

Ball in Court Report

September 16, 2014

PROJECT: COM-2016 - Alaska University-Anchorage

Assignee: Abe Architect

Action Items

Record #	Title	Task	From	Task Start Date	Task Due Date	Task Status
AI-003	Review Design Change Requests	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-004	Identify Qualified Suppliers	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-006	Ensure Contract Documents are current	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-008	Verify insurance of short listed vendors	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-009	Insurance certificates must be on file	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-010	Setup Pre-Bid Meeting Venue	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-013	Purchase new camera for onsite photos	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-016	Complete Energy Efficiency Estimate Form	Response	OOTS Admin,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started
AI-017	Test	Response	OOTS Admin,Demo	Jun 3, 14 (108 days ago)	Jun 10, 14 (99 days ago)	Not Started

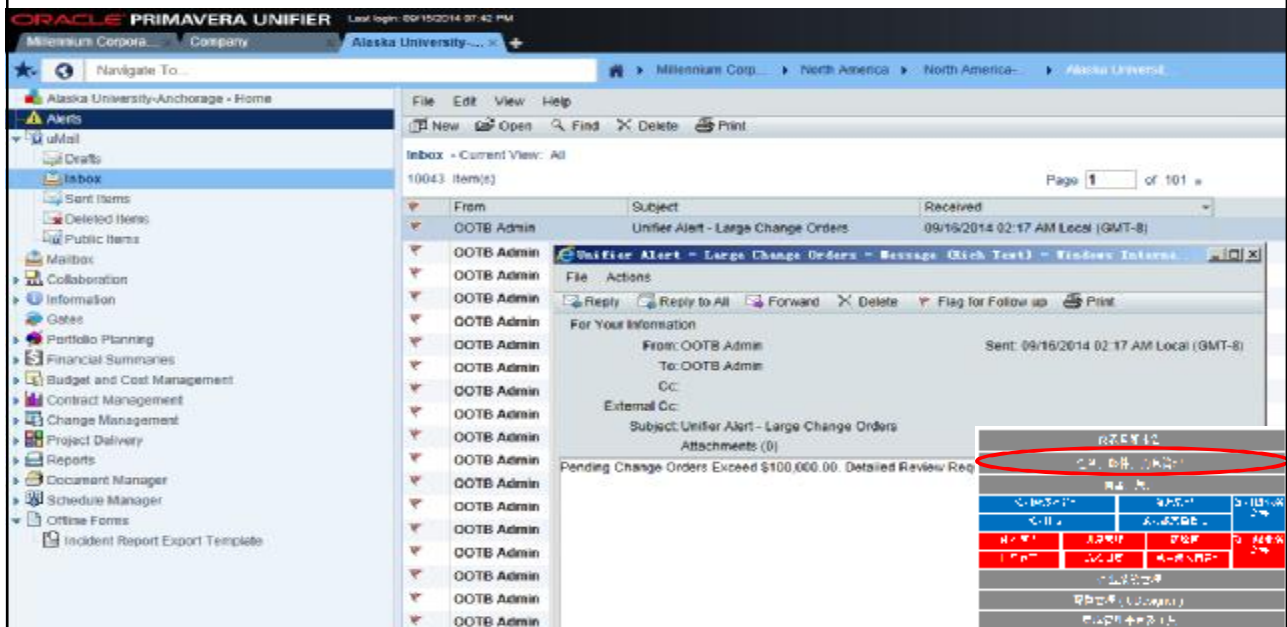
Design Change Directive

Record #	Title	Task	From	Task Start Date	Task Due Date	Task Status
DCD-0003	Additional Site Clearing	Acceptance	John Owner,Demo	May 28, 13 (475 days ago)	Jun 4, 13 (469 days ago)	Not Started

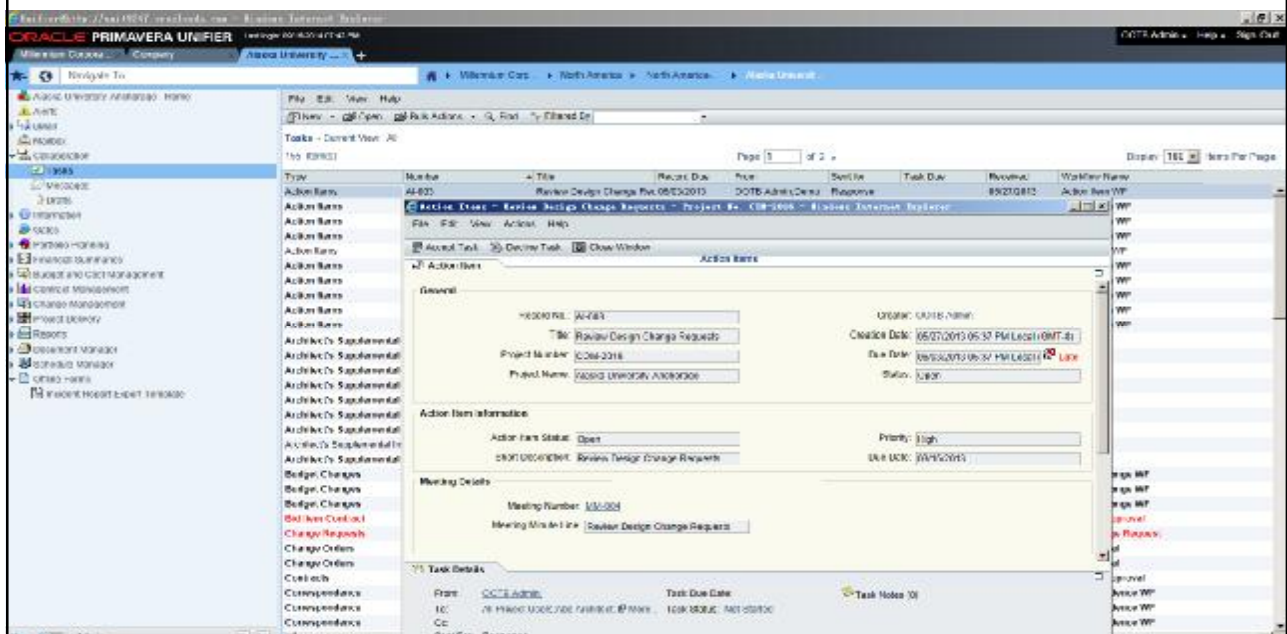
Items Overdue

11 Page

任务/邮件和消息管理—内置全功能邮件系统



任务/邮件和消息管理—任务和待办事项统一入口



项目团队一览

Oracle Primavera Unifier Screenshot showing the Directory view for Alaska University.

First Name	Last Name	Company Name	E-Mail	Contact Phone	Title	Proxy Name
OOTB	Admin	Demo Company	ootbadmin@demo_co			DOTB Admin
Art	Architect	Demo Company	aria@demo_compan			DOTB Admin
Aba	Architect	Demo Company	abaa@demo_compan			DOTB Admin
Kay	Contractor	Demo Company	kayc@demo_compan			DOTB Admin
Joe	Contractor	Demo Company	joac@demo_compan			DOTB Admin
Jim	Contractor	Demo Company	jim.c@demo_compan			DOTB Admin
Nancy	Finance	Demo Company	nancy.finance@demo			DOTB Admin
Melissa	Myers	Demo Company	mmyers@demo_com			DOTB Admin
Matt	Dumar	Demo Company	matt@demo_compan			DOTB Admin
John	Dumar	Demo Company	john@demo_compan			DOTB Admin
Jeff	PM	Demo Company	jeff.pm@demo_comp			DOTB Admin
Paul	PM	Demo Company	paul@demo_compan			DOTB Admin

预警和规则

Oracle Primavera Unifier Screenshot showing the Alerts configuration window.

Alerts Table:

Alert Title	Current Value	Trigger Value	Status
Change Orders Exceed 15% of Contract	12.84	15.00	OK
Open RFIs	37	20	Warning
Large Change Orders	110,000.00	120,000.00	Warning

Edit Alert Dialog:

Report Name: ALERT: Change Orders Exceed 15% of Contract

Description: [Empty]

Alert Title: Change Orders Exceed 15% of Contract

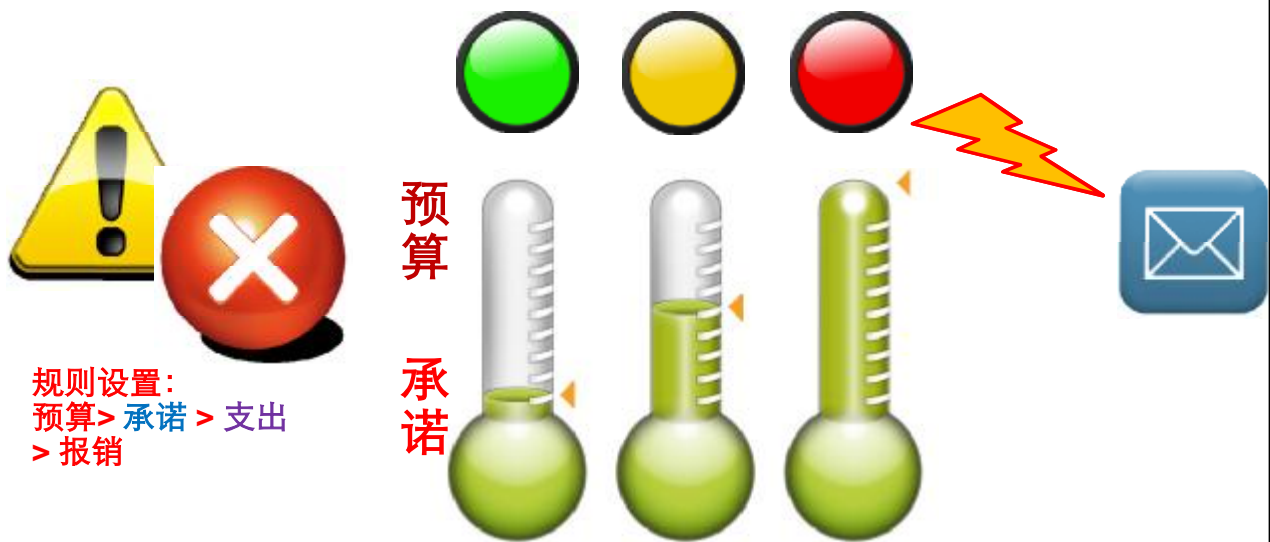
Frequency: Hourly

Method: ☐ Email ☒ uMail

Message: Change Orders are within 15% of Contract value

Buttons: OK, Cancel

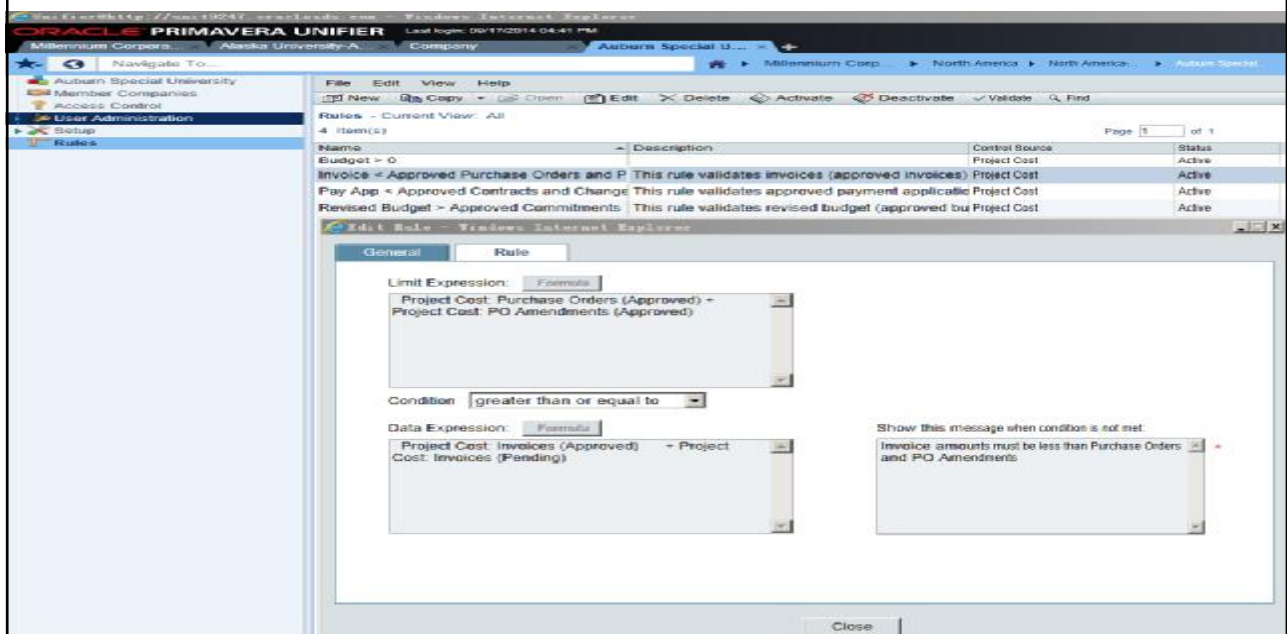
成本控制- 规则引擎



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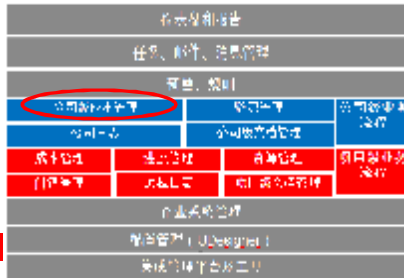
PHSP

控制规则设置



公司级成本管理

- n 成本工作表
 - Ø 自动将公司所有项目的成本工作表进行汇总
 - Ø 可追溯到单个项目的成本工作表细节
- n 现金流
 - Ø 自动生成公司的现金流曲线
 - Ø 可同时展现多个指标曲线



The screenshot shows the Oracle Primavera P6 software interface. The 'Company Cost Management' (公司级成本管理) menu item is highlighted with a red circle. The interface displays various project management functions, including 'Project Cost Management' (项目成本管理) and 'Company Cost Management' (公司级成本管理). The 'Company Cost Management' section includes sub-items like 'Cost Accounting' (成本核算), 'Cost Control' (成本控制), 'Cost Analysis' (成本分析), and 'Cost Reporting' (成本报告). The 'Project Cost Management' section includes sub-items like 'Project Cost Accounting' (项目成本核算), 'Project Cost Control' (项目成本控制), 'Project Cost Analysis' (项目成本分析), and 'Project Cost Reporting' (项目成本报告).

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成本工作表

现金流曲线

CASHFLOW TEST : Curves		Spends: (Cutoff Date: , Snapshot Date:)					
Name	From Date	To Date	Total	Unassigned	10 2012	11 2012	12 2012
Baseline	10/01/2012	04/23/2014	35583688.40	0.00	67595.33	29420.60	59113.09
Forecast	10/01/2012	09/30/2014	39185488.40	2250360.00	0.00	0.00	0.00

资源管理

n Roles:

- > 角色定义
- > 角色费率
- > 资源列表

n Resource:

- > 与系统用户一一对应
- > 有角色归属，技能分类
- > 资源个人级日历
- > 在项目中的使用情况

n Resource Sheet:

- > 资源在所有项目中的预订/使用情况汇总表

[illegible]

角色定义

The screenshot shows the Oracle Primavera Unifier interface. The left sidebar contains a navigation tree with options like JinCom - Home, Summary, Collaboration, General, Cost Manager, Document Manager, Resource Manager, Resource Dashboard, Roles, Resources, Resource Sheets, Company Logs, and Reports. The main window displays the 'Roles' list with 3 items. A 'Role Properties' dialog box is open, showing the 'General' tab. The 'Currency Name' is set to 'United States Dollar (USD)'. Below this is a table with columns 'Effective Date', 'Standard Rate', and 'Overtime Rate'.

Role Name	Status
Role002	Active
Role001	Active
Role003	Active

资源定义

The screenshot shows the Oracle Primavera Unifier interface. The left sidebar contains a navigation tree with options like JinCom - Home, Summary, Collaboration, General, Cost Manager, Document Manager, Resource Manager, Resource Dashboard, Roles, Resources, Resource Sheets, Company Logs, and Reports. The main window displays the 'Resources' list with 4 items. A 'Resource Properties' dialog box is open, showing the 'General' tab. The 'Resource Name' is 'User 01 Huawei', 'Resource Code' is 'User 01', and 'Resource Status' is 'Active'. The 'Default Resource Capacity (Hrs.)' is 8. Other fields include 'First Name', 'Last Name', 'Title', 'E-Mail', 'Home Phone', 'Work Phone', and 'Mobile Phone'.

Resource Code	Resource Name	E-Mail	Status
User 01	User 01 Huawei	user01@huawei.com	Active
User 02	User 02 Huawei	user02@huawei.com	Active
User 03	User 03 Huawei	user03@huawei.com	Active
User 04	User 04 Huawei	user04@huawei.com	Active

[illegible]

公司日志

- n 包含一组公司级业务流程
 - > 集中采购业务流程
 - > 系统新用户账户申请
 - > 新项目立项申请
 - > 工时单
 - > 供应商资格预审申请
 - > 供应商评估
 - > 供应商

注：这些流程可根据需要进行扩充，加入其他流程，或修改现有流程

The diagram shows a process flow with the following components:

- Header:** 供应商管理 (Supplier Management)
- Sub-headers:** 注册、变更、取消管理 (Registration, Change, Cancellation Management); 审核、审批 (Review, Approval)
- Main Flow:**
 - 供应商注册 (Supplier Registration)
 - 供应商变更 (Supplier Change)
 - 供应商取消 (Supplier Cancellation)
 - 供应商审核 (Supplier Review)
 - 供应商审批 (Supplier Approval)
 - 供应商评估 (Supplier Evaluation)
 - 供应商管理 (Supplier Management)
- Footer:** 供应商管理 (Supplier Management)

The **供应商** (Supplier) box is highlighted with a red circle.

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n 包含一组公司级业务流程

- > 集中采购业务流程
- > 系统新用户账户申请
- > 新项目立项申请
- > 工时单
- > 供应商资格预审申请
- > 供应商评估
- > 供应商

注：这些流程可根据需要进行扩充，加入其他流程，或修改现有流程



公司级流程示例——立项申请表单

Project Requests - Case View

Record ID	Project Name	Project Manager	Project Type	Start Date	End Date	Status
PRQ001	NEW PRQ 1	APPROVED	2014/01/01	2014/01/01	2014/01/01	APPROVED
PRQ002	NEW PRQ 2	APPROVED	2014/01/01	2014/01/01	2014/01/01	APPROVED

Create New Project Request - Mozilla Firefox

Record Number: Project Name:

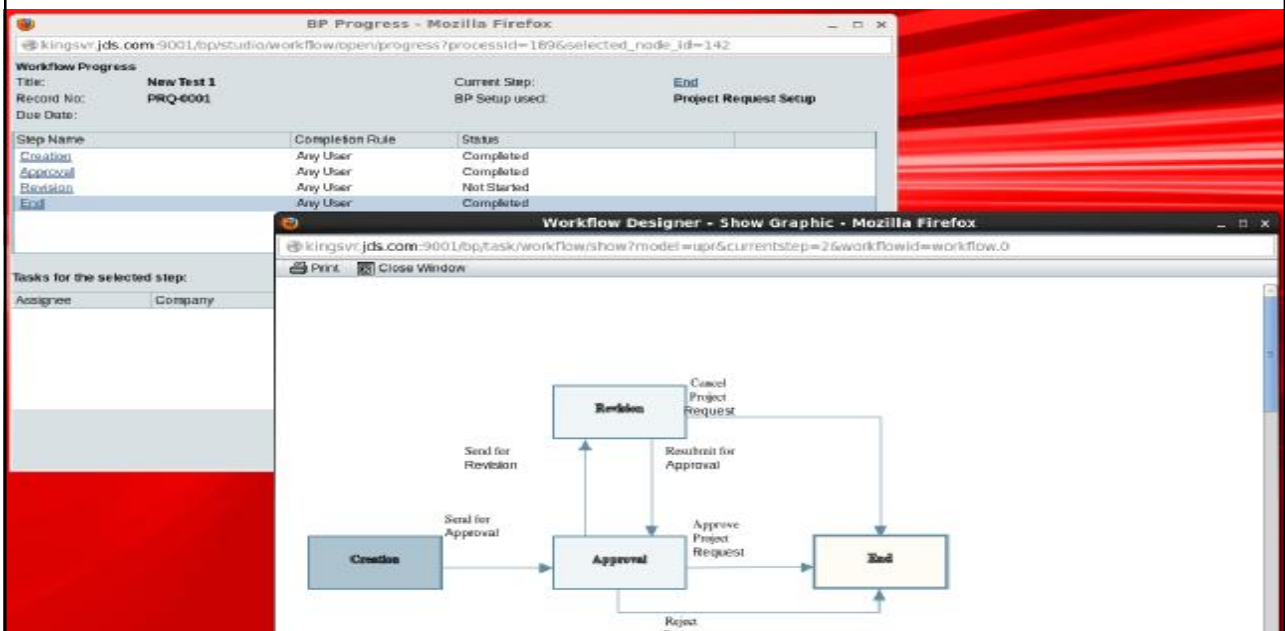
Project Manager: Project Type:

Start Date: End Date:

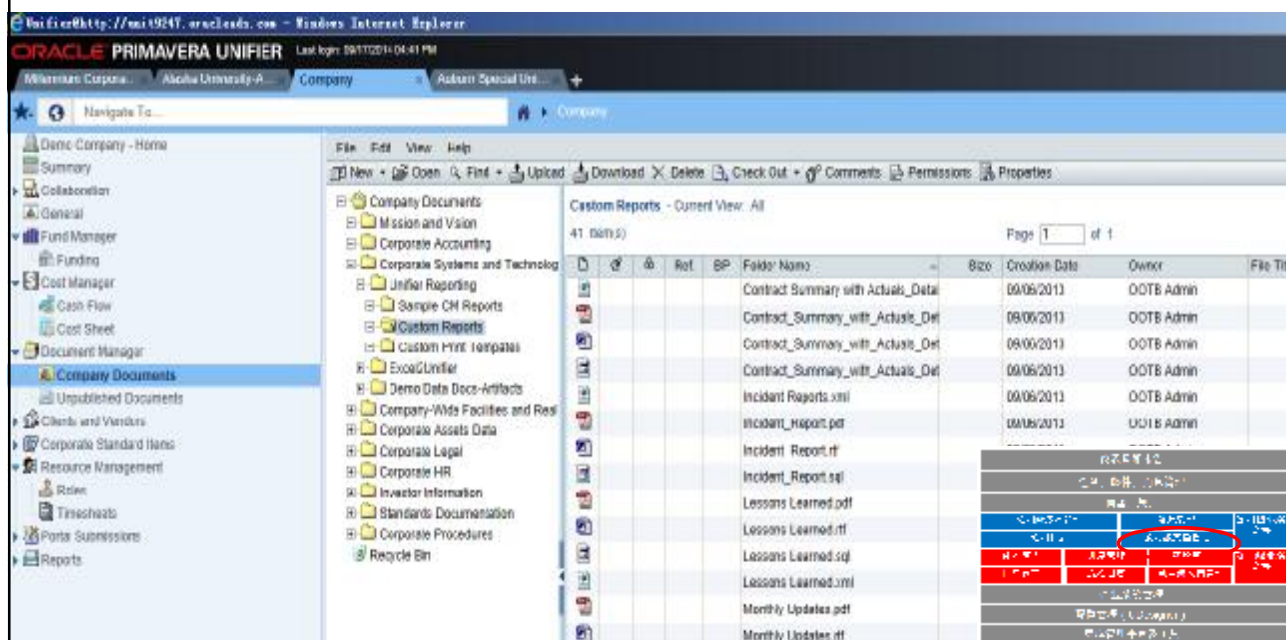
Project Summary

Description:

公司级流程示例——立项申请流程



公司级文档库



公司级应用小结

功能

- 成本管理
- 资源管理
- 公司日志（重点）
- 文档管理

价值

- 多层次项目组织架构，增强项目可见性
- 自动汇总成本工作表，强化公司级成本控制
- 标准化公司级管控流程，加强项目合规

项目层成本管理

n 包括:

- > 成本工作表
 - 项目成本控制的核心
 - 与成本相关的工作流程均与成本工作表相关联
 - 合同与成本工作表相关
- > 现金流
 - 项目的现金流
- > 融资来源
 - 项目的资金来源, 并将其分配到成本工作表上去

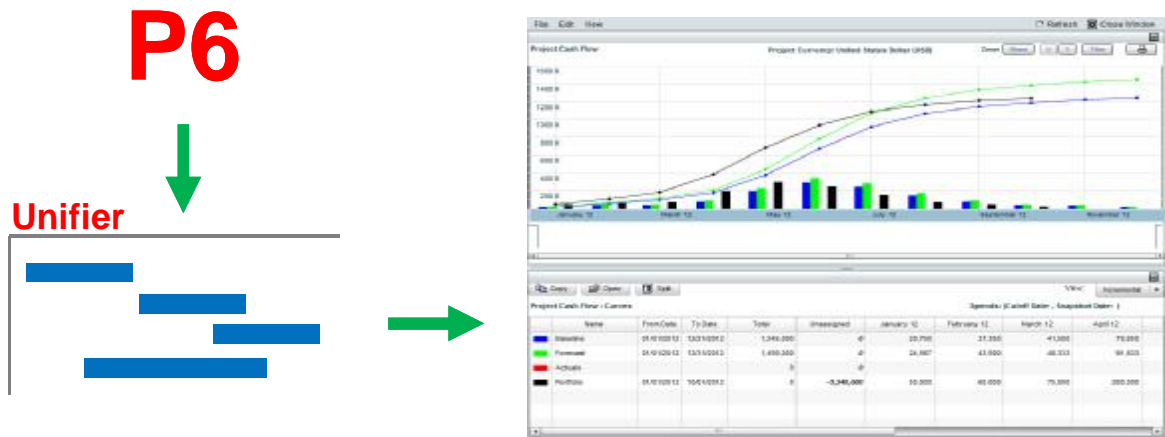
项目层成本管理			
成本、融资、现金流			
成本	融资	现金流	其他
成本工作表	融资工作表	现金流工作表	其他工作表
成本工作表	融资工作表	现金流工作表	其他工作表
成本工作表	融资工作表	现金流工作表	其他工作表
成本工作表	融资工作表	现金流工作表	其他工作表

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成本工作表

The screenshot displays the 'Project Cost Sheet' interface. On the left, a table lists various cost items with columns for 'Item Code', 'Description', 'Budgeted', 'Actual', 'Variance', and 'Status'. A red circle highlights the 'Item Code' column. On the right, a detailed view of a selected item is shown, including fields for 'CBS Code', 'Cost Item', 'Cost Type', 'Status', 'Owner', 'Cost Attribute', 'External Ref', and 'ID'. The 'CBS Code' field is set to '00 30 00', 'Cost Item' is 'PrePlanning', 'Cost Type' is 'Capital', and 'Status' is 'Active'. The 'Owner' field is empty. The 'Cost Attribute' field is set to 'Capital'. The 'External Ref' field is empty. The 'ID' field is empty. The 'Attachments' section at the bottom shows a list of attachments and a 'Close' button.

现金流和赢得值



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PHSP

进度管理

- n 一个项目可以有多个进度工作表
 - > 甘特图
 - > 资源分配
 - > 排程
- n 管理项目的时间进度计划、资源分配
- n 能够与业务流程相关联，通过流程驱动任务状态
- n 与Primavera P6计划集成



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进度管理

The screenshot displays the Microsoft Project interface with a Gantt chart. The project is titled 'Schedule Manager - Random Internet Explorer'. The Gantt chart shows a timeline from May 27, 2013, to July 15, 2013. The tasks are listed in a table on the left, and their durations are shown as horizontal bars on the right. The tasks are connected by lines indicating dependencies. The Gantt chart is color-coded by task type, with blue bars for tasks and black bars for milestones. The tasks are: 1. Temporary Office Relocation, 2. Download Outlook, 3. Research before to proceed with..., 4. Submit bond and insurance etc..., 5. Transfer all data from old server to new server, 6. Prepare new server schedule, 7. Collect task resources, 8. Submit application for new server, 9. Submit monthly requests for new server, 10. Launch and Provisioned, 11. Submit new documents and add..., 12. Download new documents and add..., 13. Submit new documents and add..., 14. Submit new documents and add..., 15. Submit new documents and add..., 16. Relocate documents and documents, 17. Relocate of file, 18. Install temporary server, 19. Transfer temporary server data, 20. Set up new office, 21. Relocate documents from old server, 22. Relocate all documents and add... The Gantt chart shows that the project starts on May 27, 2013, and ends on July 15, 2013. The tasks are scheduled in a sequence, with some tasks running in parallel. The Gantt chart is a visual representation of the project schedule, showing the duration of each task and the dependencies between them.

进度管理和业务流程

The diagram illustrates the relationship between a Gantt chart and a business process flow. On the left, a Gantt chart shows four horizontal bars: three blue and one red. A vertical red dashed line labeled "当前任务" (Current Task) intersects the red bar. A green arrow points from this red bar to a sequence of four red rectangular boxes on the right, representing a process flow. The second box in the flow is labeled "送审件" (Send for review). A feedback loop is shown with grey arrows: one from the fourth box back to the second, and another from the fourth box down and then left to a green arrow pointing to the text "<实际完成日期>" (Actual completion date).

进度管理和业务流程

The screenshot displays the Oracle Primavera P6 Schedule Manager interface. On the left, a Gantt chart shows a project schedule for 'Lightweight Construction'. A red circle highlights the 'General Conditions' activity, which is linked to the 'Receive notice to proceed and sign contract' activity. The 'Action Task Setup' dialog is open on the right, showing the 'Completion Conditions' tab. The dialog includes fields for Activity Id (3), Activity Name, Linked Business Process (Action Items), Record Due Date, Responsible User(s)/Group(s), and a table for Completion Conditions.

Data Element	Condition	Value(s)	AND/OR
Action Item Status	equals	Closed	AND

路径管理

- 阶段与业务流程相关联
- 根据业务流程完成情况驱动阶段转换
- 定期自动检查各项流程完成情况
- 可用于：
 - > 项目执行过程合规性控制
 - > 项目转阶段控制

阶段管理			
阶段、事件、里程碑			
准备、启动			
阶段管理	事件管理	里程碑管理	阶段管理
阶段管理	事件管理	里程碑管理	阶段管理
阶段管理	事件管理	里程碑管理	阶段管理
阶段管理	事件管理	里程碑管理	阶段管理
阶段管理			
阶段管理 (J-H-M-G-H)			
阶段管理 (J-H-M-G-H)			

路径管理



- ✓ 协调材料
- ✓ 协调电力
- ✓ 项目章程

- ✓ 初步设备设计
- ✓ 初步布局
- ✓ 初步排程
- ✓ 初步估算

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PHSP

路径管理——流程驱动阶段转换

File Edit View Help

Exit Saved Gates Runs Refresh Advance to Next Phase

Gates - User View

Project Current Phase: 项目立项

Scheduler Details

Last Scheduled Run: 1/1/2014

Next Scheduled Run:

Gates Setup: Inactive

Frequency: Daily

End Date:

Phase Name: 项目立项

Start Date: 07/12/2014

End Date: 07/14/2014

Automatic Advancement: No

Advanced to Next Phase By:

Gate Conditions

1 Item(s)

Name	Complete	Ignore Condition *	Complete Updated By	Date
Project Initiation Memo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	System	07/18/2014

* Gate Conditions with Ignore Condition checkbox selected will not be processed during Gates run.

View...

Additional Information

General Comments: View...

流程日志

- 默认条件下，项目启用的业务流程均放在Log目录下
 - > 所有项目级业务流程的集中存放
 - > 可查看具体某个业务流程的记录
 - > 可启动流程

流程日志			
创建、删除、修改			
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看
创建	删除	修改	查看

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项目流程日志——业务流程列表

ORACLE PRIMAVERA UNIFIER

Last login: 09/17/2014 09:39 PM

Home

李为公

Philippe Telecom...

3

Navigate To...

李为公

国际项目

亚洲项目

Philippe Telecom...

Logs

ABC Create

ABC to be Created

ABC_01

A_Doc_Test

A_Rat_BP_T01

Action Items

Assumption Management (H...

Auto Creation Test

Budget Approval

Budget Changes

Budget Transfers

Change Management

Condition Test 01

Contract Handshaking

Contract based information

Contracts

Design Reviews

Incident Reports

Invoices

Issue Management (Huawei)

MG BP Reference Test

Meeting Minutes

PO Amendments

Payment Applications

Payments

Project Initiation Management

Project Quality & Maturity Ma...

File

Edit

View

Help

New

Copy

Open

Find

Filtered By

Import

Action Items

KTC4g

Action Items - Current View: All

28 item(s)

Page 1 of 1

Record Number	Title	Priority	Due Date	Status	Creator	Creation Date
AI-028	ABC111		09/17/2014	Open	Company Admin	09/17/2014
AI-027	abc008			Open	Company Admin	09/10/2014
AI-026	abc007			Open	Company Admin	09/10/2014
AI-025	abc005					09/10/2014
AI-024	abc004					09/10/2014
AI-023	abc003				Company Admin	09/10/2014
AI-022	abc002					09/10/2014
AI-021				Open	Company Admin	08/21/2014
AI-020	Action Item 2					08/19/2014
AI-019	New Action Item					08/19/2014
AI-018						08/19/2014
AI-017						08/19/2014
AI-016						08/19/2014
AI-015						08/19/2014
AI-014	New Action Item					08/19/2014
AI-013	T6		08/07/2014	Closed	User 01 Huawei	08/06/2014
AI-012	TASK1		08/07/2014	Open	Company Admin	08/05/2014
AI-011	Status Driving		08/07/2014	Open	Company Admin	08/05/2014
AI-010	Drive Activity Status TEST		08/03/2014	Open	Company Admin	08/05/2014
AI-009	TEST		08/07/2014	Open	Company Admin	08/05/2014
AI-008	整体方案完善	High		Open	User 05 Huawei	07/16/2014
AI-007	提供外部集成	High				07/16/2014
AI-006	整体方案实施	High		Open	User 05 Huawei	07/16/2014

项目级文档管理

- 文档上传/下载
- 文档目录创建/导入
- 文档签出/签入
- 文档权限控制
- 文档类业务流程

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项目级文档管理			
任务、事件、项目文档			
检查、控制			
文档类目录	文档类目录	文档类目录	文档类目录
文档类目录	文档类目录	文档类目录	文档类目录
文档类目录	文档类目录	文档类目录	文档类目录
文档类目录			
文档类目录 (Document)			
文档类目录 (Document)			

项目级文档管理

File Edit View Help							
New Open Find Upload Download Delete Check Out Comments Permissions Properties							
Current Phase							
<div>Documents</div> <div>Project Documents</div> <div>Project Delivery</div> <div>Cost Controls</div> <div>Contracts</div> <div>General Project Information</div> <div>Scope of Work</div> <div>Historical Files</div> <div>Business Case Development</div> <div>Budget Development and Planning</div> <div>Final Business Case</div> <div>Funding Documents</div> <div>Risk Management and Mitigation Plans</div> <div>Real Estate</div> <div>Project Budgets and Schedules</div> <div>Bids and Contracts</div> <div>Correspondence</div> <div>Design</div> <div>Construction</div> <div>Environmental Health and Safety Program</div> <div>Permits and Fees</div> <div>Meeting Minutes and Field Reports</div> <div>Commissioning Plan</div> <div>Closeout Documents</div> <div>Accounting and Finance</div> <div>Audit</div> <div>Legal</div> <div>MWBE Documents</div> <div>Insurance</div> <div>Owner Certified Insurance Program (OCIP)</div> <div>Recycle Bin</div>							
Historical Files - Current View: All							
14 Item(s) Page 1 of 1							
Ref	BP	Folder Name	Size	Creation Date	Owner		
		DesignIssueExample1.docx		02/21/2014	OOTS Admin		
		DesignIssueExample2.docx		02/21/2014	OOTS Admin		
		DesignIssueExample3.docx		02/21/2014	OOTS Admin		
		DesignIssueExample4.docx		02/21/2014	OOTS Admin		
		Easement.docx		02/21/2014	OOTS Admin		
		GateReviewMeetingMinutes.docx		02/21/2014	OOTS Admin		
		Lessons Learned.rtf		02/21/2014	OOTS Admin		
		MilestoneSchedule.xls		02/21/2014	OOTS Admin		
		ProjectScopeStatement.doc		02/21/2014	OOTS Admin		
		ProjectSummary.docx		02/21/2014	OOTS Admin		
		Quality Plan.rtf		02/21/2014	OOTS Admin		
		R1109-M109_Drawing.pdf		02/21/2014	OOTS Admin		
		Sample-Competitive_Intelligence.doc		02/21/2014	OOTS Admin		
		Sample-Competitive_Intelligence.doc		02/21/2014	OOTS Admin		

企业系统管理

n 公司级管理

- > 流程配置
- > 模块属性配置
- > 界面导航配置
- > 模板配置
- > 数据结构配置
- > 用户和权限配置

n 项目级管理

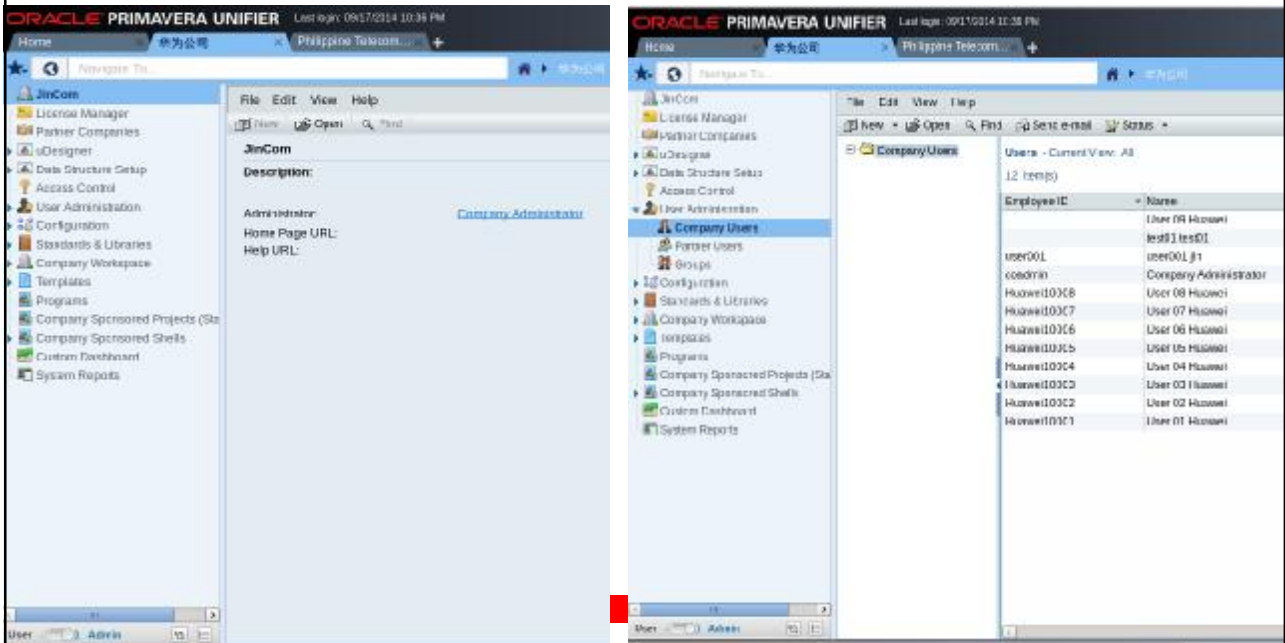
- > 用户和权限配置
- > 流程设置
- > 项目控制规则

[illegible]

项目级管理

管理模式开关

公司级管理



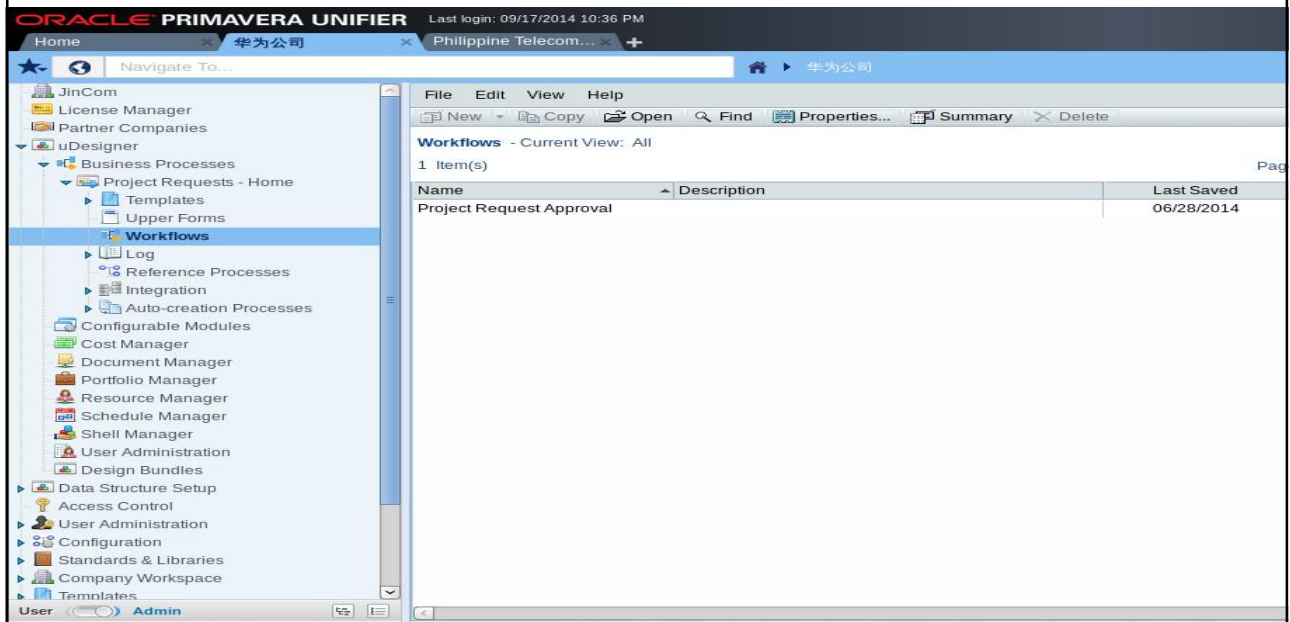
配置管理——uDesigner

nuDesigner

- > 配置业务流程（重点）
- > 配置成本管理器
- > 配置文档管理属性
- > 配置Portfolio
- > 配置项目结构（Shell）
- > 配置用户管理

标准应用报告			
任务、事件、计划管理			
设置、使用			
公司调查与开发	公司管理	公司调查与开发	公司调查与开发
公司调查	公司调查与开发	公司调查与开发	公司调查与开发
成本调查	成本调查	成本调查	成本调查
项目管理	项目管理	项目管理	项目管理
公司调查与开发			
项目管理 (Project Management)			
项目管理与开发			

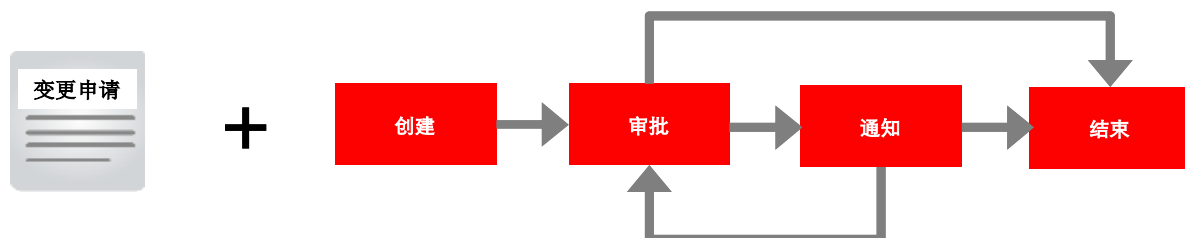
uDesigner——流程配置



专为业务流程自动化而设计

Business Process = Form + Workflow

业务流程 = 表单 + 工作流

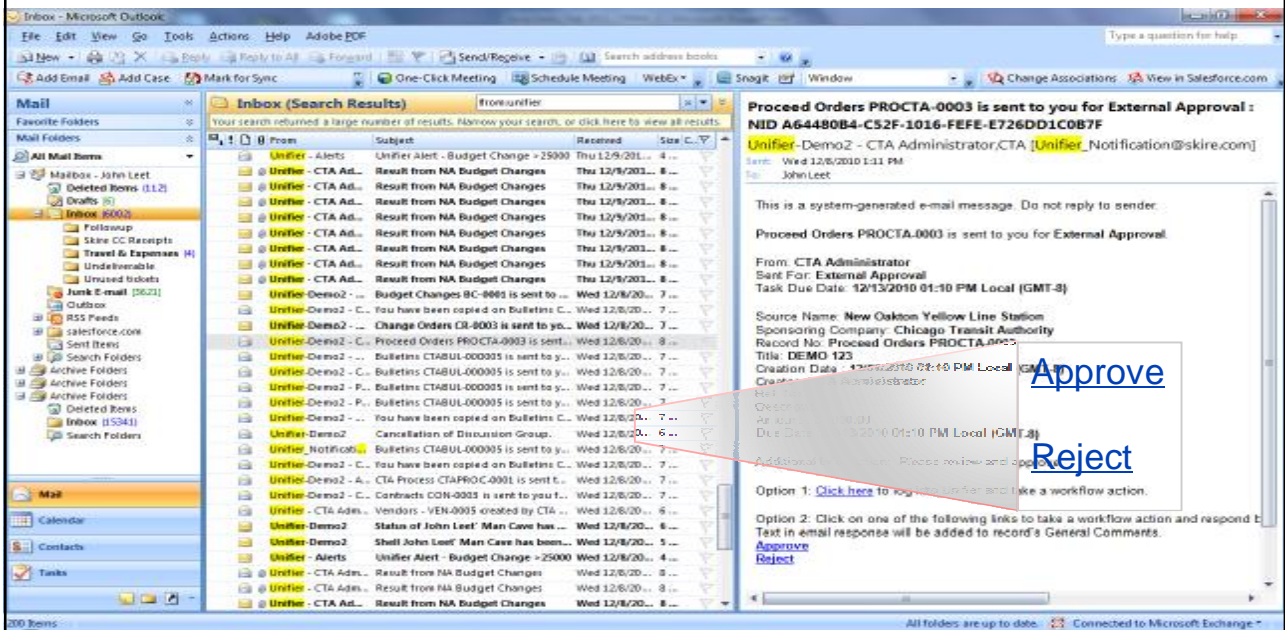


大部分项目管理的日常工作是沟通与协作，可通过业务流程配置予以支持；同时业务流程可驱动成本工作表，进度计划等项目管控对象数据。

一个简单的示例

流程和对象之间的关联

业务流程的Email 审批—在配置BP时一并配置，无需开发



在移动终端的审批—在配置BP时一并配置，无需开发

- 基于浏览器，可在任何设备上使用
- 可进行 workflow 操作（例如批准/驳回等）
- 历史记录



系统集成

- 开放的Web Services结构
- 所有业务流程的接口参数可配置
- 与P6集成
- 与ERP集成

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系统功能模块			
计划、控制、执行、分析			
资源、成本			
计划管理	成本管理	项目管理	风险管理
计划管理	成本管理	项目管理	风险管理
系统管理功能			
系统管理功能 (P6集成)			
系统管理功能 (ERP集成)			

Web Services列表

Bookmarks

- Methods
 - WBS Code Methods
 - Get WBS Structure
 - Create WBS Code
 - Creates WBS code with a tree structure
 - Get WBS Codes
 - Business Process Methods
 - Object Methods
 - Project Methods
 - Cost Sheet Methods
 - User Defined Reports (UDR) Methods
 - Asset Manager Methods
 - Schedule Manager Methods
 - Shell Methods
 - Configurable Manager Methods
 - Exchange Rates Methods
 - Schedule of Values Methods
 - User Administration Methods
 - Planning Manager Methods
 - Space Manager Methods
 - Resource Manager Methods
 - General Instructions
 - APPENDIX A
 - APPENDIX B
 - APPENDIX C

Get WBS Structure

Description
This method gets WBS Structure in Primavera Unifier for a company.

Support
This service is available at Company Level

Level	Yes or No
Company Level	Yes
Project and Shell Level	No

Prototype
public XMLObject getWBSStructure(String shortname, String authcode);

Parameters

Parameter	Description
Shortname	identifier of the company, company's short name
Authcode	authentication key for the company, in text string

Return Value
XMLObject (XMLObject is described in Appendix D of this document)

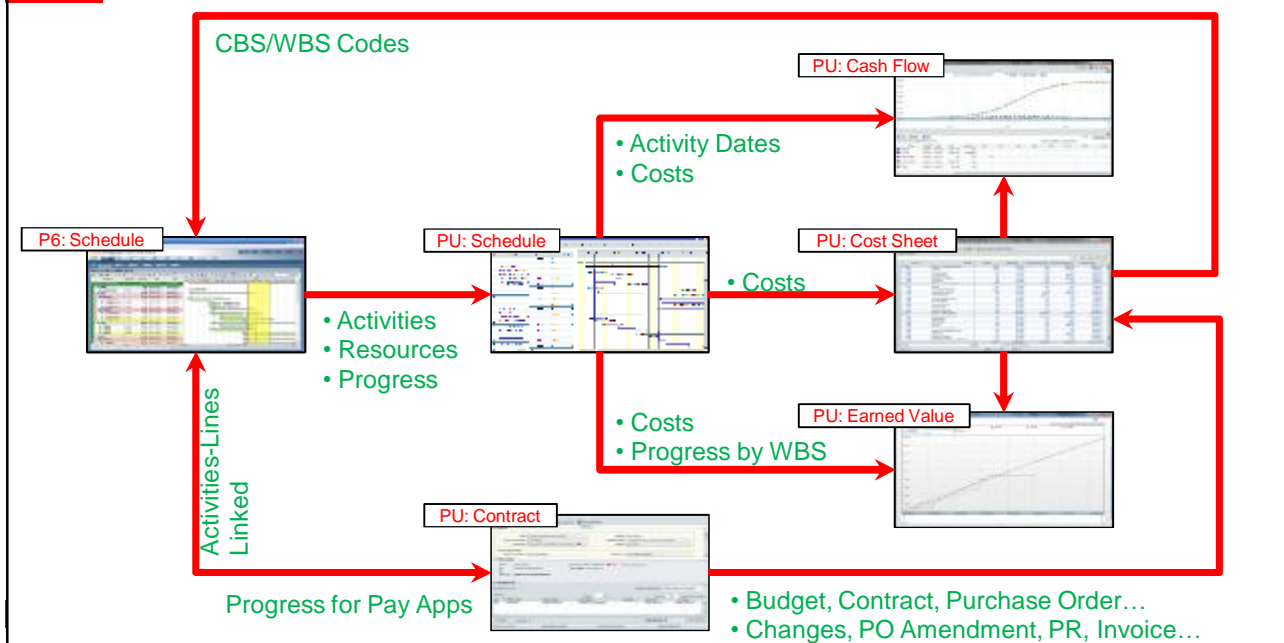
Sample Method

可配置每个BP的集成接口

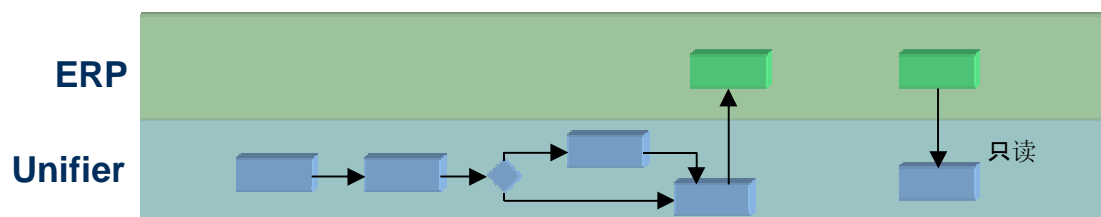
Oracle Primavera Unifier interface showing the configuration of integration interfaces for a Business Process (BP). The 'Upper Design' window displays a table of data elements and their directions.

Row	Element Label	Data Element	Direction
1	Record Number	record_no	Both
2	Title	title	Both
3	Project Number	ugenProjectNumber	Both
4	Project Name	ugenProjectName	Both
5	Creator	creator_id	Both
6	Creation Date	uuu_creation_date	Both
7	Due Date	due_date	Both
8	Description	ugenDescriptionTXT4000	Both
9	Justification	ugenJustificationMLT4000	Both
10	Project Start Date	uuu_project_start_date	Both
11	Preferred Completion Date	upPreferredCompDateDDP	Both
12	Address 1	ugenAddressTXT120	Both
13	Address 2	ugenAddress2TXT120	Both

与P6集成



与ERP集成



从Unifier

- Ø 采购申请
- Ø 变更指令
- Ø 支付申请

从 ERP

- Ø 供应商主数据
- Ø 高阶预算
- Ø 批准的承诺数
- Ø 利息
- Ø 批准的实际数

Unifier 功能架构小结

- 核心优势：
 - > 公司级、项目级成本控制，保障项目的预算控制
 - > 功能丰富的沟通协作平台，通过BP实现全方位协同，包括业主、总包商、分包商等，提高沟通协作效率
 - > 灵活的配置能力，快速响应业务需求，并且快速实施上线，快速实现价值



项目交付管理

- 专注于协作流程
- 日报, RFI, 送审件, 交付件等
- 用户可充分利用文档管理功能(通用功能)
- 包括与这些流程相关的标准报表

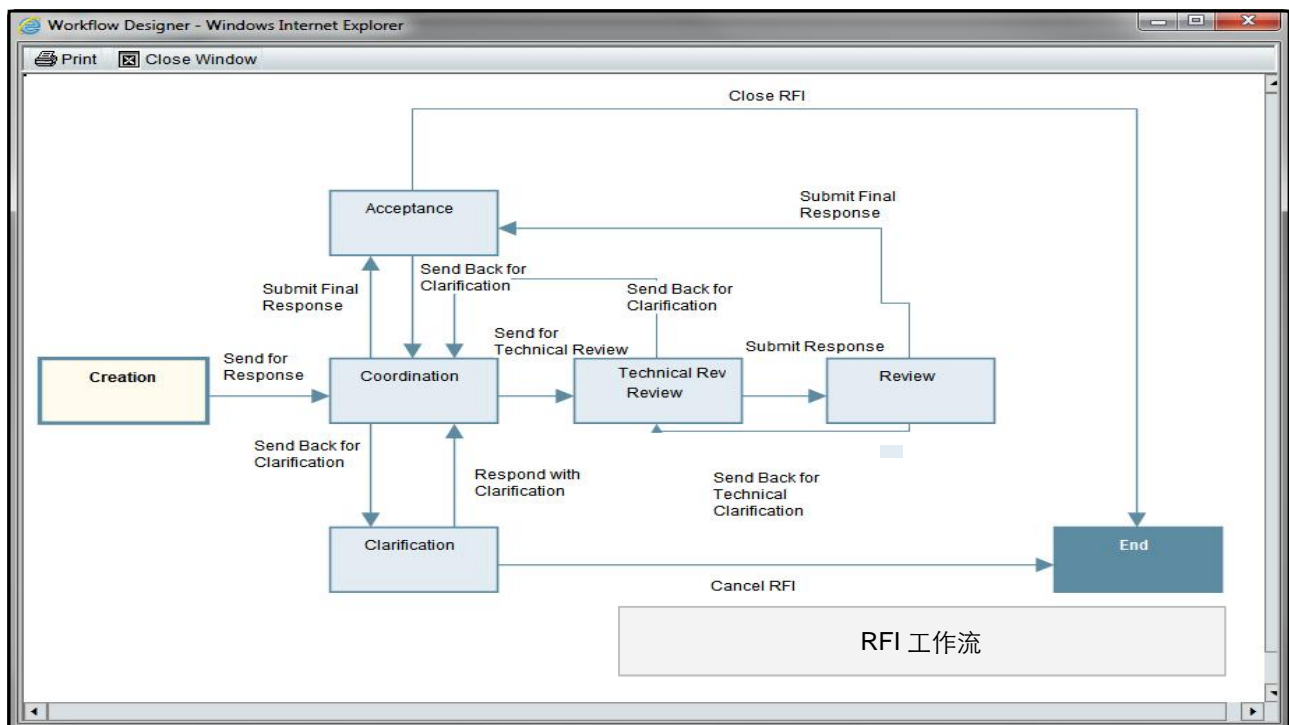
Capital Planning Components

项目交付管理 – 19个标准业务流程

Record Number	Title	Priority	Due Date	Status	Owner	Creation Date
4-900	Creating Action Item	Medium	11/08/2012	Closed	0070 Admin	11/01/2012
4-904	Project Path Test 1	High	11/08/2012	Closed	0070 Admin	11/01/2012
4-903	Project Path Test 1	High	11/08/2012	Closed	0070 Admin	11/01/2012
4-902	Project Path Test 1	High	11/08/2012	Closed	0070 Admin	11/01/2012
4-901	Action Item	High	11/08/2012	Closed	0070 Admin	11/01/2012
4-900	Test of 5 Robots	High	11/08/2012	Closed	0070 Admin	11/01/2012
4-919	Test	High	11/08/2012	Closed	0070 Admin	11/01/2012

Capital Planning Components

RFI (项目交付管理中的标准功能)



成本控制

- 专注于成本相关的流程
- 预算，合同，变更指令，支付申请等
- 包括
 - > 成本工作表
 - > 融资
 - > 现金流
 - > 赢得值
 - > 进度管理器
- 包括与这些业务流程相关的标准报表

Capital Planning Components

成本控制- 18个标准业务流程

Record Number	Title	Priority	Due Date	Status	Creator	Creation Date
A-008	Working Action Item	High	11/08/2012	Open	Harish R. Aggarwal	11/01/2012
A-004	Prohibit Path Test 1	Medium	11/08/2012	Open	0076 Admin	11/01/2012
A-023	Prohibit Path Test 1	High	11/08/2012	Open	0076 Admin	11/01/2012
A-002	Prohibit Path Test 1	High	11/08/2012	Open	0076 Admin	11/01/2012
A-021	Action Item	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-000	Test of Database	High	11/08/2012	Open	Geoff Roberts	11/01/2012
A-019	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-018	Test for title of A	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-017	Test for title 5	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-015	Test for title	High	11/08/2012	Open	0076 Admin	11/01/2012
A-016	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-014	Test	High	11/08/2012	Open	0076 Admin	11/01/2012
A-015	At title	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-012	Test added at A	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-011	Test 11	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-010	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-009	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-008	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-007	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-006	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-005	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-004	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-003	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-002	Test	High	11/08/2012	Closed	0076 Admin	11/01/2012
A-001	Action Item	High	11/08/2012	Closed	0076 Admin	11/01/2012

招标申请示例(成本控制应用包标准功能)

Request for Bid

General

Record Number: RFB-005

Title: Request for Specialty Services

Project Number: AP0001

Project Name: All Projects

Due Date: 10/30/2012 05:00 PM Local (Late)

Status: Pending

Task Details

From: OOTB Admin

To: OOTB Admin

Cc:

Sent For: Bid Invitation

Task Due Date:

Task Status: Not Started

Task Notes (0)

Line Items

Current View: All

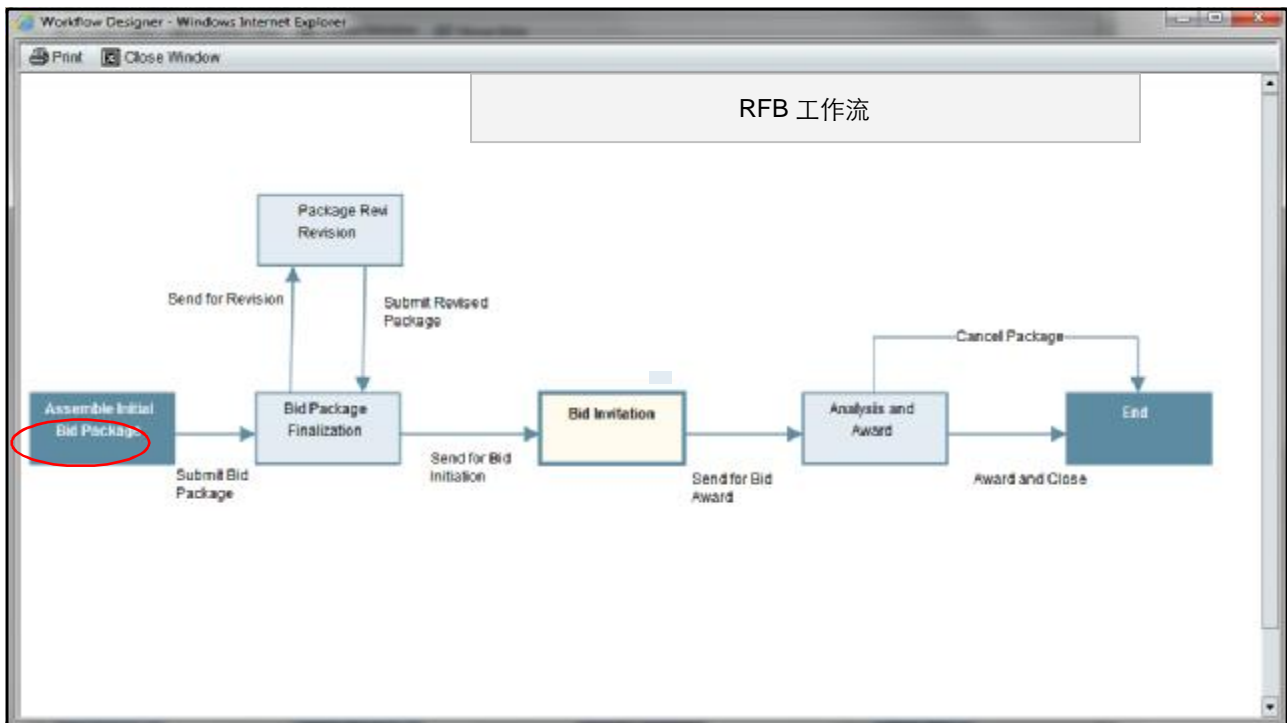
1 Item(s)

Page 1 of 1

Display 100 items per page

No.	WBS Code	Short Description	Item Quantity	Item Unit Cost	Unit of Measure	Amount
001	11090	11090	300	100.00	each	30,000.00

Attachments (0) | Linked Records (0) | General Comments | Linked Mail (1)



成本工作表- 标准列

- 估算
- 原定预算
- 待定预算修订
- 已批准的预算修订
- 修改过的预算
- 风险和问题
- 原定承诺
- 待批准承诺
- 已批准的承诺变更
- 修改过的承诺
- 实际发生

Project Cost Sheet - Windows Internet Explorer

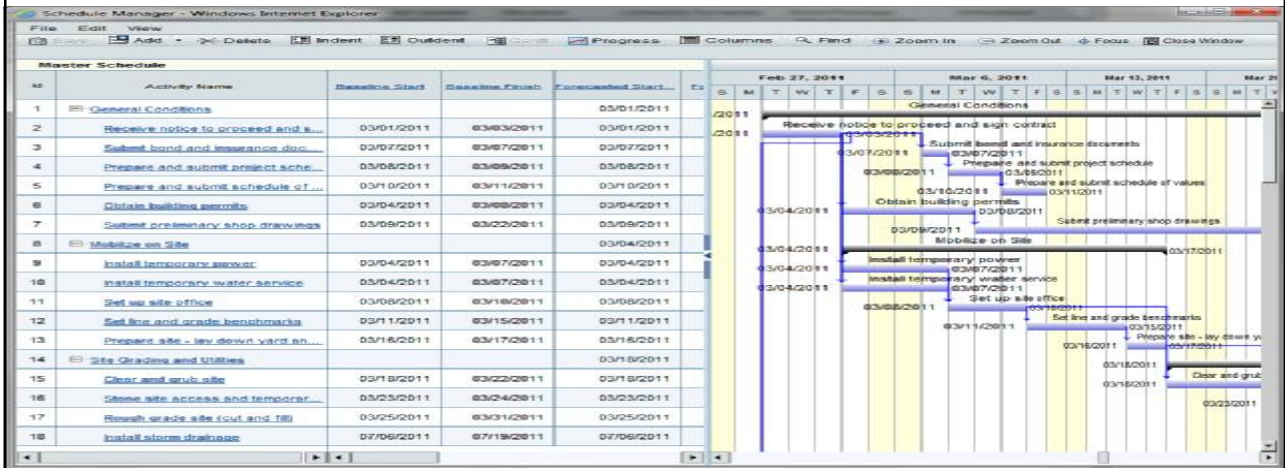
Project Cost Sheet

Cost Code	Code Name	Subtotal	Original Budget	Revised Budget	Approved Budget	Actual Cost
1	Division 0 - Contracting Requirements	248.00	25,000.00	0.00	102,000.00	128,000.00
2	Agreement	248.00	5,000.00	0.00	15,000.00	10,000.00
3	Bonds & Certificates	0.00	5,000.00	0.00	0.00	0.00
4	General Conditions	0.00	5,000.00	0.00	20,000.00	20,000.00
5	Supplementary Conditions	0.00	5,000.00	0.00	50,000.00	50,000.00
6	Modifications	0.00	5,000.00	0.00	0.00	0.00
7	Division 1 - General Requirements	252.00	52,000.00	-14,000.00	48,000.00	132,700.00
8	Summary	0.00	5,000.00	0.00	0.00	0.00
9	Price & Payment Procedures	252.00	50,000.00	0.00	700.00	13,700.00
10	Administrative Requirements	0.00	5,000.00	1,000.00	40,000.00	40,000.00
11	Quality Requirements	0.00	5,000.00	-15,000.00	0.00	0.00
12	Temporary Facilities & Controls	0.00	5,000.00	0.00	0.00	0.00
13	Product Requirements	0.00	15,500.00	0.00	0.00	15,500.00
14	Execution Requirements	0.00	15,500.00	0.00	0.00	15,500.00
15	Facility Operation	0.00	15,500.00	0.00	0.00	15,500.00
16	Facility Decommissioning	0.00	15,500.00	0.00	0.00	15,500.00
17	Division 2 - Site Construction	0.00	600,000.00	140,000.00	577,000.00	303,400.00
18	Basic Site Materials & Methods	0.00	15,500.00	140,000.00	525,000.00	140,000.00
19	Site Remediation	0.00	15,500.00	0.00	0.00	15,500.00
20	Site Preparation	0.00	15,500.00	0.00	100.00	15,500.00
21	Earthwork	0.00	15,500.00	0.00	50,000.00	40,000.00
22	Trimming, Grading & Jacking	0.00	15,500.00	0.00	0.00	15,500.00
23	Foundation & Load-bearing Elements	0.00	15,500.00	0.00	0.00	15,500.00
24	Utility Services	0.00	15,500.00	0.00	20,000.00	35,500.00
25	Drainage & Containment	0.00	15,500.00	0.00	0.00	15,500.00
26	Stress, Defects, Payments & Allowances	1,000.00	12,810,000.00	120,000.00	322,910.00	12,352,910.00

ORACLE Gold Partner

进度管理器

- 实现现金流应用和赢得值的关键组件
- 将成本工作表信息自动按照时间分开
- 与P6以及MS Project相集成



Unifier仪表盘和自定义报表

- 标准化仪表盘
- 对所有层级均提供汇总信息首页
- 用户可自行创建额外的仪表盘
- 对项目交付管理和成本控制应用包，提供44个预定义的报表
- 可对这些报表进行修改或者创建新的报表

项目汇总仪表盘

任务信息仪表盘

The screenshot shows the 'SINUS2D - Phenomena Online' software interface. The title bar indicates it's running on a Windows XP desktop. The menu bar includes 'File', 'Edit', 'View', 'Window', and 'Help'. Below the menu bar is a toolbar with icons for file operations and simulation control. The main window is divided into a left sidebar and a main plot area. The sidebar contains sections for 'Simulation Control' (with buttons like 'Start', 'Stop', 'Pause', 'Reset', 'Zoom In', 'Zoom Out', 'Fit', 'Full Screen', 'Help') and 'Simulation Parameters' (with tabs for 'General', 'Physics', 'Numerics', 'Visualization'). The main plot area displays a 2D visualization of a plasma simulation. It features a central orange sphere, a green ring, and a blue ring. The plot is labeled 'SINUS2D - Phenomena Online' and 'SINUS2D - Phenomena Online'. The status bar at the bottom shows 'SINUS2D - Phenomena Online' and 'SINUS2D - Phenomena Online'.

标准报表- 成本控制和项目交付管理

通过uDesigner配置更多的应用功能

Unifier 拥有一流的配置能力

- 所有系统内置的流程均可修改
- 可创建新的:
 - > 业务流程
 - > 报表
 - > 文件夹结构
 - > 项目层级结构
 - > 用户
 - > 组

ORACLE Gold Partner

PHSP

Private Sector



Public Sector



应用实例

ORACLE Gold Partner

PHSP

Unifier应用实例

Unifier@http://jq.alexander.com - Windows Internet Explorer

http://192.168.99.185:8212/bp/g/nav/index

ORACLE PRIMAVERA UNIFIER Last login: 12/11/2014 06:53 PM Amy Black Help Sign Out

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File Edit View Help

New Open Bulk Actions Find Filtered By

Tasks - Current View: All 322 Item(s) Page 1 of 4 Display 100 Items Per Page

Source Name	Type	Number	Title	Record Due	From	Sent for	Task Due	Received	Company
Phila Office Buildin Work Releases	WR-003	Security Services - M	05/28/2013	OOTB Admin, I Approval		05/21/2013	Hong		
Phila Office Buildin Transmittals	TRA-010	Window Trim Option	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-002	Subcontractor List	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-008	Construction Site Po	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-003	City Permits	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-006	Items found during e	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-009	Window Specificatio	06/03/2013	OOTB Admin, D Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-007	Steel Beam Specificat	06/03/2013	OOTB Admin, D Approval		07/30/2013	Hong		
Phila Office Buildin Transmittals	TRA-001	Concrete Specificati	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-004	HVAC Subcontractor	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Transmittals	TRA-005	Subcontractor Sched	06/03/2013	OOTB Admin, I Approval		05/27/2013	Hong		
Phila Office Buildin Submittals	SUB-002	Framing Design Doc	06/02/2013	OOTB Admin, I Submission Re		05/26/2013	Hong		
Phila Office Buildin Submittals	SUB-006	Structural Design Se	06/02/2013	OOTB Admin, I Submission Re		05/26/2013	Hong		
Phila Office Buildin Submittals	SUB-004	Building Elevation D	06/02/2013	OOTB Admin, I Submission Re		05/26/2013	Hong		
Phila Office Buildin Submittals	SUB-007	Electrical System Lay	06/02/2013	OOTB Admin, D Submission Rev		05/26/2013	Hong		
Phila Office Buildin Submittals	SUB-005	Structural Design Se	06/02/2013	OOTB Admin, I Submission Re		05/26/2013	Hong		
Hospital Building Sub Contract Changes	CON-001.0002	Weatherproofing Ext	01/23/2014	OOTB Admin, I Finalization	01/09/2014*	01/07/2014	Hong		
Hospital Building Sub Contract Changes	CON-001.0001	Additional Structural	12/23/2013	OOTB Admin, I Finalization	12/10/2013*	12/07/2013	Hong		
Hospital Building Sub Contract Changes	CON-001.0003	Additional Structure	01/23/2014	OOTB Admin, I Negotiation Set	01/08/2014*	01/07/2014	Hong		
Mayo Medical Lab Requests for Bid	RFB-002	Electrical Assessmen	04/08/2014	OOTB Admin, I Bid Invitation		04/08/2014	Hong		

User Admin

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Unifier应用实例

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http://192.168.99.185:8212/bp/g/nav/index

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Home Navigate To...

File Edit View Help

New Open Find Delete

Messages - Current View: All 2 Item(s) Page 1 of 1 Display 100 Items Per Page

Type	From	Subject	Source Name	Received Date	Company Name
New User Reques	Amy Black, HKJC	NUR-001: New User - NA-West - Jan		12/11/2014	Hong Kong Jockey Club
New User Reques	OOTB Admin.Demo	NUR-003: Joel Rossi		06/10/2014	Hong Kong Jockey Club

User () Admin

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Unifier应用实例

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File Edit View Help

New Open Find Delete

Drafts - Current View: All 64 Item(s) Page 1 of 1 Display 100 Items Per Page

Type	Number	Title	Source Name	Last Saved	Discussion	Company Name
Payment Applications		The first Payment (Nov 2014)	Ravine Plant Expansion	12/11/2014		Hong Kong Jockey Clu
Payment Applications		pay 012	CC04 Metro Rail project	12/11/2014		Hong Kong Jockey Clu
Payment Applications		wpf	Condo New Home Const	12/11/2014		Hong Kong Jockey Clu
Fund Appropriations		wpf	Condo New Home Const	12/11/2014		Hong Kong Jockey Clu
Change Orders			CC04 Metro Rail project	12/11/2014		Hong Kong Jockey Clu
Change Orders			CC04 Metro Rail project	12/11/2014		Hong Kong Jockey Clu
Change Orders		contract change	CC04 Metro Rail project	12/11/2014		Hong Kong Jockey Clu
Change Orders		yangcaifang	New Hotel Construction	12/11/2014		Hong Kong Jockey Clu
Change Orders		Concrete and Masonry Work	Haitang Corporate Park	12/11/2014		Hong Kong Jockey Clu
Contracts		pip site	Juniper Nursing Home	12/11/2014		Hong Kong Jockey Clu
Contracts			New Hotel Construction	12/11/2014		Hong Kong Jockey Clu
Contracts		Contracts	Saratoga Senior Commu	12/11/2014		Hong Kong Jockey Clu
Contracts		000	New Racecourse Constr	12/11/2014		Hong Kong Jockey Clu
Budget Approval		000	New Racecourse Constr	12/11/2014		Hong Kong Jockey Clu
Contracts		pangzhenghua	Office Building Addition	12/11/2014		Hong Kong Jockey Clu
Budget Approval		Initial Budget	Condo New Home Const	12/11/2014		Hong Kong Jockey Clu
Budget Approval		WJP-Initial Budget	Haitang Corporate Park	12/11/2014		Hong Kong Jockey Clu
Work Releases			Harbour Pointe Assisted	11/25/2014		Hong Kong Jockey Clu
Contracts			South General Hospital	11/23/2014		Hong Kong Jockey Clu
Budget Approval			South General Hospital	11/23/2014		Hong Kong Jockey Clu

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[illegible]

Unifier应用实例

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File Edit View Help

New Copy Open Find Filtered By

Contracts - Current View: All 25 Item(s) Page 1 of 1 Display 100 Items Per Page

Record Number	Title	Vendor Name	Original Contract Amount	Approved Change Orders	Revised Contr
CON-004	Main Structure Buildout	PPCCL Construction Service	\$3,084,400.00	\$131,840.00	
CON-004	Site Construct	Simon Variotta Construction	\$3,879,700.00	\$0.00	
CON-003	Plumbing and HVAC	Alaska Mechanical Corp	\$1,672,000.00	\$35,000.00	
CON-003	009	KDW Group LLC	\$3,879,700.00	\$141,000.00	
CON-002	wpf	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-002	Electrical Wiring Upgrade	Jacobs Electrical	\$0.00	\$0.00	
CON-002	Capital Glass Contract - D	Capital Glass	\$333,000.00	\$0.00	
CON-002	Metal Structure and Framing	Thompson Lake Industries	\$234,100.00	\$8,000.00	
CON-002	test013	Probek Janus Construc	\$3,879,700.00	\$0.00	
CON-001	test013	Skagway Hardware & Lumbe	\$0.00	\$0.00	
CON-001	Contract-wf001	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-001	yangcaifang	Simon Variotta Construction	\$3,879,700.00	\$0.00	
CON-001	Justin Jin Contract008	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-001	pip list	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-001	Alex Jing - Site Construction	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-001	wangyuan-yuan-contract	Simon Variotta Construction	\$3,879,700.00	\$0.00	
CON-001	009	Skagway Hardware & Lumbe	\$0.00	\$0.00	
CON-001	Site Construction	Simon Variotta Construction	\$3,879,700.00	\$141,000.00	
CON-001	Site Construction	Simon Variotta Construction	\$3,879,700.00	\$0.00	
CON-001	Steel Structures	CFS Structural Steel	\$250,961.00	\$0.00	

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Unifier应用实例

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Change Orders - Current View: All 19 Item(s) Page 1 of 1 Display 100 Items Per Page

Record #	Title	Contract No	Change Amount	Transaction Currency	Status
CO-005	Additional Cooling Units	UOA-2013-0055	\$35,000.00	United States Dollar (USD)	Approved
CO-004	Exhaust rerouting - steel escalation	PR-NA-W-6451175	\$131,840.00	United States Dollar (USD)	Approved
CO-003	Concrete and Masonry Work010	HKJC-2012-010	\$85,000.00	Hong Kong Dollar (HKD)	Pending
CO-003	Flooring Deduct	PR-NA-W-6451175	(\$70,000.00)	United States Dollar (USD)	Canceled
CO-002	Metal Decking	UOA-2013-0050	\$110,000.00	United States Dollar (USD)	Pending
CO-002	Metal Decking	OFFC-2014-0010	\$110,000.00	Hong Kong Dollar (HKD)	Pending
CO-002	concret and Mansony Work	HKJC-2014-0010	\$141,000.00	Hong Kong Dollar (HKD)	Pending
CO-002	wpf	0011	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	order 012	012	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	Concrete and Masonry Work	UOA-2013-0050	\$141,000.00	United States Dollar (USD)	Approved
CO-001	fw_corder_001	Contract-wf001	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	Concrete and Masonry Work	HKJC-2014-0010	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	pip 1	hk 0100	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	Additional Framing Materials	ST-MAR-SUB-008	\$8,000.00	United States Dollar (USD)	Approved
CO-001	test013	test013	\$0.00	Hong Kong Dollar (HKD)	Approved
CO-001	009Concrete and Masonry Work	HKJC-2014-0010	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	Concrete and Masonry Work	HKJC-2014-0010	\$141,000.00	Hong Kong Dollar (HKD)	Pending
CO-001	justin jin CO001	JC008	\$141,000.00	Hong Kong Dollar (HKD)	Approved
CO-001	Concrete and Masonry Work	OFFC-2014-0010	\$141,000.00	Hong Kong Dollar (HKD)	Approved

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Building Equipment - Current View: All 21 Item(s) Page 1 of 1 Display 100 Items Per Page

Equipment ID	Manufacturer	Equipment Type	Model	Warranty Ends	Status	Purchase Price
EQP-0000001	Lennox	HVAC	SCA240	05/13/2017	In_Service	17.5
EQP-0000002	Lennox	HVAC	SCA240	05/12/2017	Under_Maint	18.3
EQP-0000003	Lennox	HVAC	SCA240	09/12/2017	In_Service	18.5
EQP-0000004	A.O. Smith	Boiler	Dura-Power Gold Xi DVE	07/12/2019	In_Service	19.7
EQP-0000005	Advantage Engineering	Chiller	Titan TI-30W	06/07/2019	In_Service	61.5
EQP-0000006	Lennox	HVAC	SCA240	02/07/2014	In_Service	17.9
EQP-0000007	A.O. Smith	Boiler	Dura-Power Gold Xi DVE	12/31/2014	In_Service	12.5
EQP-0000008	Generac Power Systems	Generator	QT100	07/01/2019	In_Service	26.6
EQP-0000009	Generac Power Systems	Generator	QT100	12/31/2015	In_Service	25.7
EQP-0000010	Lennox	HVAC	SCA240	07/31/2014	In_Service	15.6
EQP-0000011	Advantage Engineering	Chiller	Titan TI-30W	07/04/2014	In_Service	9.5
EQP-0000012	A.O. Smith	Boiler	Dura-Power Gold Xi DVE	07/05/2013	Backup	8.6
EQP-0000013	Lennox	HVAC	SCA240	12/31/2018	In_Service	45.3
EQP-0000014	Carrier	HVAC	Weathermaker 50A	12/30/2022	In_Service	43.5
EQP-0000015	Lennox	HVAC	SCB288	01/08/2017	In_Service	16.9
EQP-0000016	A.O. Smith	Boiler	Dura-Power Gold Xi DVE	01/29/2016	In_Service	11.2
EQP-0000017	Generac Power Systems	Generator	QT100	07/31/2013	In_Service	15.6
EQP-0000018	Carrier	HVAC	Weathermaker 50A	01/11/2019	In_Service	32.5
EQP-0000019	Advantage Engineering	Chiller	Titan TI-30W	01/06/2019	In_Service	7.9

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Unifier应用实例

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Meters - Current View: All 57 Item(s) Page 1 of 1 Display 100 Items Per Page

Equipment Title / Name	Equipment Type	Meter Name	Meter #	Meter Type	Latest Reading	UOM
Carrier Rooftop AC system	HVAC	Temperature Gauge	MTR-00001	Gauge	0	Degree
Rooftop HVAC SC240	HVAC	Hour Meter	MTR-00001	Continuous	3,200	hrs
Rooftop HVAC SC240	HVAC	Hour Meter	MTR-00001	Continuous	1,200	hrs
Rooftop HVAC SC240	HVAC	Hour Meter	MTR-00001	Continuous	120	hrs
Burkay Genesis Dura Power	Boiler	Water Level (Sight Glass)	MTR-00001	Gauge	0	fl. oz
Rooftop HVAC SC240	HVAC	Hour Meter	MTR-00001	Continuous	0	hrs
Rooftop HVAC SC240	HVAC	Hour Meter	MTR-00002	Continuous	1,200	hrs
Rooftop HVAC SC240	HVAC	Manifold Pressure Gauge	MTR-00002	Gauge	0	PSI
Carrier Rooftop AC system	HVAC	Pressure Gauge	MTR-00002	Gauge	0	PSI
Rooftop HVAC SC240	HVAC	Manifold Pressure Gauge	MTR-00002	Gauge	0	PSI
Burkay Genesis Dura Power	Boiler	Hour Meter	MTR-00002	Continuous	0	hrs
Rooftop HVAC SC240	HVAC	Manifold Pressure Gauge	MTR-00002	Gauge	20	PSI
Rooftop HVAC SC240	HVAC	Refrigerant Level	MTR-00003	Gauge	12	fl. oz
Rooftop HVAC SC240	HVAC	Refrigerant Level	MTR-00003	Gauge	0	fl. oz
Rooftop HVAC SC240	HVAC	Manifold Pressure Gauge	MTR-00003	Gauge	80	PSI
Carrier Rooftop AC system	HVAC	Refrigerant Level	MTR-00003	Gauge	0	fl. oz
Rooftop HVAC SC240	HVAC	Refrigerant Level	MTR-00003	Gauge	0	fl. oz
Burkay Genesis Dura Power	Boiler	Temperature Gauge	MTR-00003	Gauge	0	Degree
Carrier Rooftop AC system	HVAC	Hour Meter	MTR-00004	Continuous	0	hrs

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Unifier应用实例

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PM Books - Current View: All

21 Item(s) Page 1 of 1 Display 100 Items Per Page

Equipment ID	Equipment Title / Name	Equipment Type	Serial Number	Manufacturer	Model	Status
EQP-0000001	Rooftop HVAC SC240	HVAC	HVAC-LNX-652361	Lennox	SCA240	Active
EQP-0000002	Rooftop HVAC SC240	HVAC	HVAC-LNX-32115	Lennox	SCA240	Active
EQP-0000003	Rooftop HVAC SC240	HVAC	HVAC-LNX-321453	Lennox	SCA240	Active
EQP-0000004	Burkay Genesis Dura Power	Boiler	BLR-SMITH-65002	A.O. Smith	Dura-Power Gold Xi	Active
EQP-0000005	Central Water Chiller - Water	Chiller	CHLR-ADV-36312	Advantage Engineering	Titan Ti-80W	Active
EQP-0000006	Rooftop HVAC SC240	HVAC	HVAC-LNX-11253	Lennox	SCA240	Active
EQP-0000007	Burkay Genesis Dura Power	Boiler	BLR-SMITH-11252	A.O. Smith	Dura-Power Gold Xi	Active
EQP-0000008	Standby Generator	Generators	GEN-RAC-QT1	Generac Power System	QT100	Active
EQP-0000009	Standby Generator	Generators	GEN-RAC-QT1	Generac Power System	QT100	Active
EQP-0000010	Rooftop HVAC SC240	HVAC	HVAC-LNX-523112	Lennox	SCA240	Active
EQP-0000011	Central Water Chiller - Water	Chiller	CHLR-ADV-556321	Advantage Engineering	Titan Ti-80W	Active
EQP-0000012	Burkay Genesis Dura Power	Boiler	BLR-SMITH-112346	A.O. Smith	Dura-Power Gold Xi	Active
EQP-0000013	Rooftop HVAC SC240	HVAC	HVAC-LNX-223436	Lennox	SCA240	Active
EQP-0000014	Carrier Rooftop AC system	HVAC	HVAC-CARR-115224	Carrier	Weathermaker 50A	Active
EQP-0000015	Rooftop HVAC SCB	HVAC	HVAC-LNX-523115	Lennox	SCB288	Active
EQP-0000016	Burkay Genesis Dura Power	Boiler	BLR-SMITH-143212	A.O. Smith	Dura-Power Gold Xi	Active
EQP-0000017	Standby Generator	Generator	GENRAC-QT-231452	Generac Power System	QT100	Active
EQP-0000018	Carrier Rooftop AC system	HVAC	HVAC-CARR-221346	Carrier	Weathermaker 50A	Active
EQP-0000019	Central Water Chiller - Water	Chiller	CHLR-ADV-22714	Advantage Engineering	Titan Ti-80W	Active

User: Admin

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Unifier应用实例

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PM Activities - Current View: All

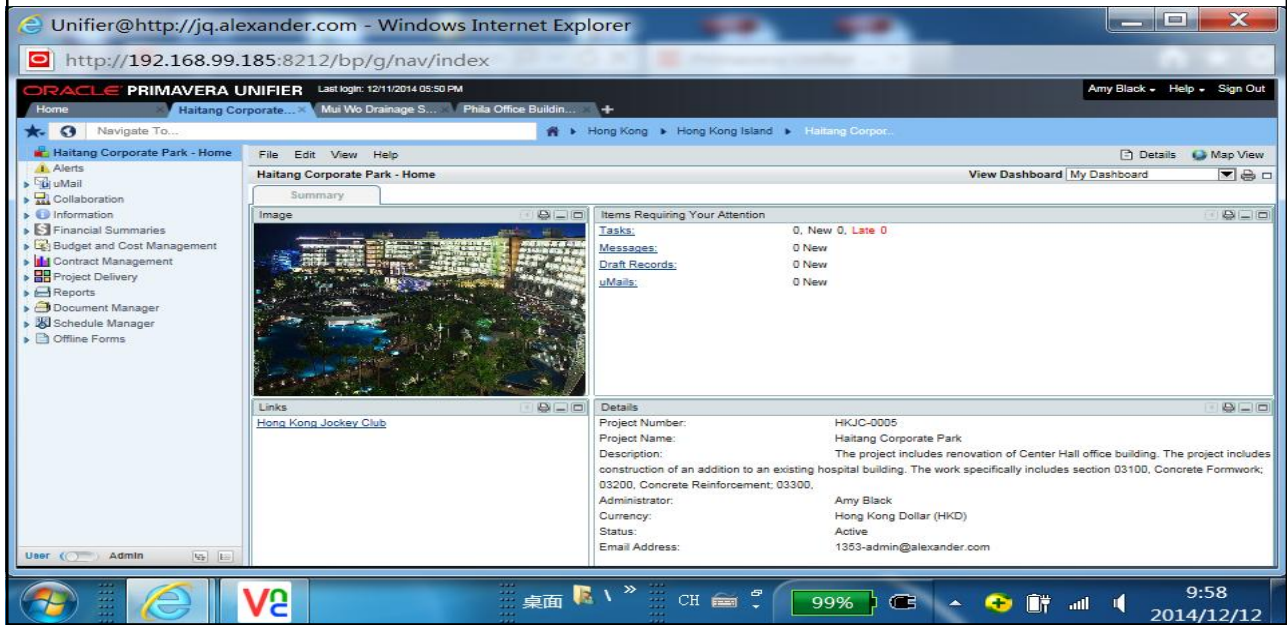
151 Item(s) Page 1 of 2 Display 100 Items Per Page

PM WO #	Creation Date	Activity Name	Equipment Type	Serial Number	Model	Manufacturer
PM_WO-0000092	09/15/2014	Daily Check	Chiller	CHLR-ADV-36312	Titan Ti-80W	Advantage Engi
PM_WO-0000091	09/15/2014	Daily Inspection	Boiler	BLR-SMITH-112346	Dura-Power G	A.O. Smith
PM_WO-0000090	09/15/2014	Daily Check	HVAC	HVAC-LNX-321453	SCA240	Lennox
PM_WO-0000089	09/15/2014	Daily Inspection	Boiler	BLR-SMITH-65002	Dura-Power G	A.O. Smith
PM_WO-0000088	07/29/2014	Daily Check	Chiller	CHLR-ADV-36312	Titan Ti-80W	Advantage Engi
PM_WO-0000087	07/29/2014	Daily Check	HVAC	HVAC-LNX-321453	SCA240	Lennox
PM_WO-0000086	07/29/2014	Daily Inspection	Boiler	BLR-SMITH-112346	Dura-Power G	A.O. Smith
PM_WO-0000085	07/29/2014	Daily Inspection	Boiler	BLR-SMITH-65002	Dura-Power G	A.O. Smith
PM_WO-0000084	07/27/2014	Daily Inspection	Boiler	BLR-SMITH-112346	Dura-Power G	A.O. Smith
PM_WO-0000083	07/27/2014	Daily Check	Chiller	CHLR-ADV-36312	Titan Ti-80W	Advantage Engi
PM_WO-0000082	07/27/2014	Daily Check	HVAC	HVAC-LNX-321453	SCA240	Lennox
PM_WO-0000081	07/27/2014	Daily Inspection	Boiler	BLR-SMITH-65002	Dura-Power G	A.O. Smith
PM_WO-0000080	07/25/2014	Daily Inspection	Boiler	BLR-SMITH-112346	Dura-Power G	A.O. Smith
PM_WO-0000079	07/25/2014	Daily Check	HVAC	HVAC-LNX-321453	SCA240	Lennox
PM_WO-0000078	07/25/2014	Daily Check	Chiller	CHLR-ADV-36312	Titan Ti-80W	Advantage Engi
PM_WO-0000077	07/25/2014	Daily Inspection	Boiler	BLR-SMITH-65002	Dura-Power G	A.O. Smith
PM_WO-0000076	07/20/2014	Daily Check	HVAC	HVAC-LNX-321453	SCA240	Lennox
PM_WO-0000075	07/20/2014	Daily Check	Chiller	CHLR-ADV-36312	Titan Ti-80W	Advantage Engi
PM_WO-0000074	07/20/2014	Daily Inspection	Boiler	BLR-SMITH-112346	Dura-Power G	A.O. Smith

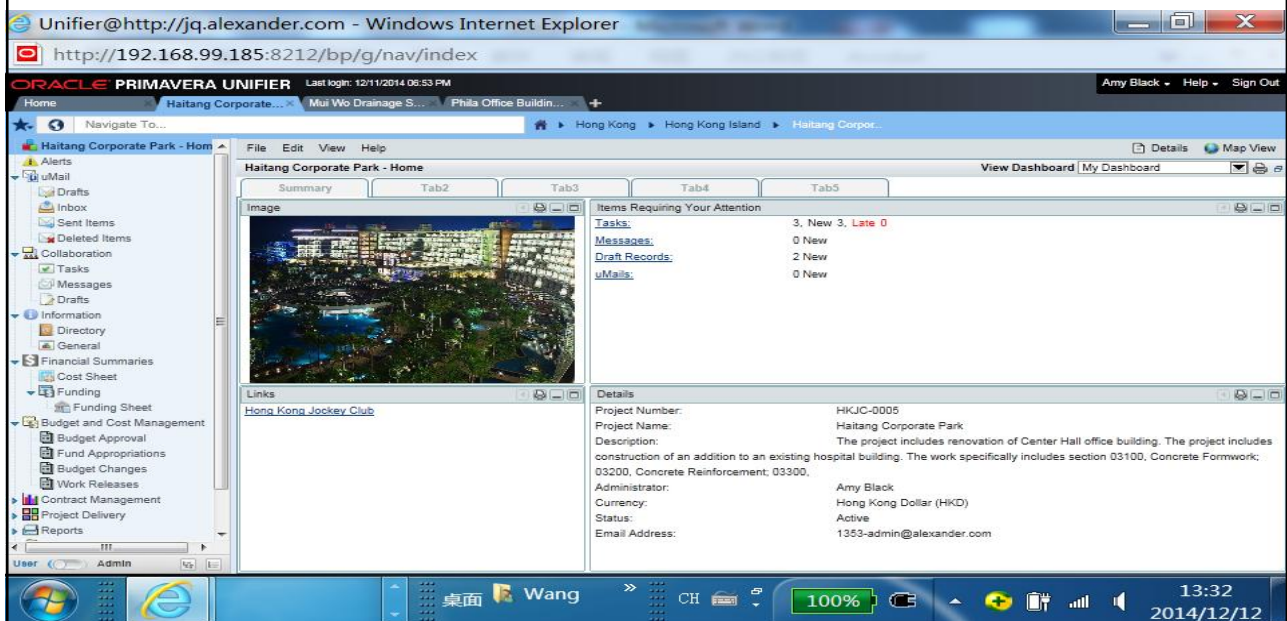
User: Admin

桌面 Wang 100% 13:29 2014/12/12

Unifier应用实例



Unifier应用实例



Unifier应用实例

The screenshot displays the Oracle Primavera Unifier application running in a Windows Internet Explorer browser. The address bar shows the URL <http://192.168.99.185:8212/bp/g/nav/index>. The application header includes the Oracle Primavera Unifier logo, the user name 'Amy Black', and a 'Sign Out' button. The main navigation pane on the left lists various modules such as Budget and Cost Management, Contract Management, Change Orders, Payment Applications, General Spends, Purchase Orders, PO Amendments, Invoices, Project Delivery, Transmittals, Design Reviews, Notices to Proceed, Lessons Learned, Reports, User-Defined, Audit, BI Publisher Reports, Document Manager, Documents, Unpublished Documents, Schedule Manager, Schedule Sheets, and Offline Forms. The central content area shows the 'Haitang Corporate Park - Home' dashboard with tabs for Summary, Tab2, Tab3, Tab4, and Tab5. The Summary tab is active, displaying a map of the park, a list of links including 'Hong Kong Jockey Club', and a 'Details' section for the project 'HKJC-0005'. The details section includes the project name 'Haitang Corporate Park', a description of the renovation work, the administrator 'Amy Black', the currency 'Hong Kong Dollar (HKD)', and the status 'Active'. The bottom status bar shows the user 'Admin' and the system time '13:33 2014/12/12'.

Unifier应用实例

The screenshot displays the Oracle Primavera Unifier application running in a Windows Internet Explorer browser. The address bar shows the URL <http://192.168.99.185:8212/bp/g/nav/index>. The application header includes the Oracle Primavera Unifier logo, the user name 'Amy Black', and a 'Sign Out' button. The main navigation pane on the left lists various modules such as Haitang Corporate Park, Member Companies, Access Control, User Administration, Users, Groups, Setup, Business Process, Dashboards, Gates, Planning Manager, Resource Manager, and Rules. The 'Access Control' module is selected, and the 'Access Control' page is displayed. The page includes a 'New' button, an 'Open' button, and a 'Find' button. The 'Access Control' section contains a list of modules for which access can be configured, including Administration Mode Access, Projects (Standard) / Shell Properties, Member Companies, Access Control, User Administration, Setup, Rules, User Mode Access, Non-navigational Nodes, uMail, Mailbox, Gates, Portfolio Planning, Financial Summaries, Budget and Cost Management, Contract Management, Project Delivery, Reports, Document Manager, Schedule Manager, and Offline Forms. The bottom status bar shows the user 'Admin' and the system time '13:35 2014/12/12'. A Lenovo battery status notification is visible in the bottom right corner, indicating that the battery is fully charged (100%) and working in 'Maximum Battery Life' mode.

Unifier应用实例

Unifier@http://jq.alexander.com - Windows Internet Explorer

http://192.168.99.185:8212/bp/g/nav/index

ORACLE PRIMAVERA UNIFIER Last login: 12/11/2014 06:53 PM Amy Black Help Sign Out

Home Haitang Corporate... Mui Wo Drainage S... North America

Navigate To... Hong Kong Joo... North America

North America - Home

File Edit View Help

North America - Home

View Dashboard Geo Dashboard

Summary Regional Information

Image Links Details

Geo Number: GEO101
Geography Name: North America
Description: The North America Geo encompasses the United States and Canada and is divided into three regions. Headquarters are in Mount Vernon VA and close to the nations capital. (30 minutes south of the White House)
Administrator: Amy Black
Currency: United States Dollar (USD)
Status: Active
Email Address: 1003-admin@alexander.com

2-Regions-Markets - Current View: All

Page 1 of 1

Display 100 Items Per Page

Geography	Region-Market	Region Number	Regional Headquarters	Administrator	Status
North America	North America-West	MARKET-1002	United States of America	Amy Black	Active

User Admin

桌面 Wang 100% 13:36 2014/12/12

Unifier应用实例

Unifier@http://jq.alexander.com - Windows Internet Explorer

http://192.168.99.185:8212/bp/g/nav/index

ORACLE PRIMAVERA UNIFIER Last login: 12/11/2014 06:53 PM Amy Black Help Sign Out

Home Haitang Corporate... Mui Wo Drainage S... North America

Navigate To... Hong Kong Joo... North America

North America

Member Companies
Access Control
User Administration
Users
Groups
Setup
Business Process
Dashboards
Gates
Planning Manager
Resource Manager
Rules

North America - Home

File Edit View Help

North America - Home

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Image Links Details

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2-Regions-Markets - Current View: All

Page 1 of 1

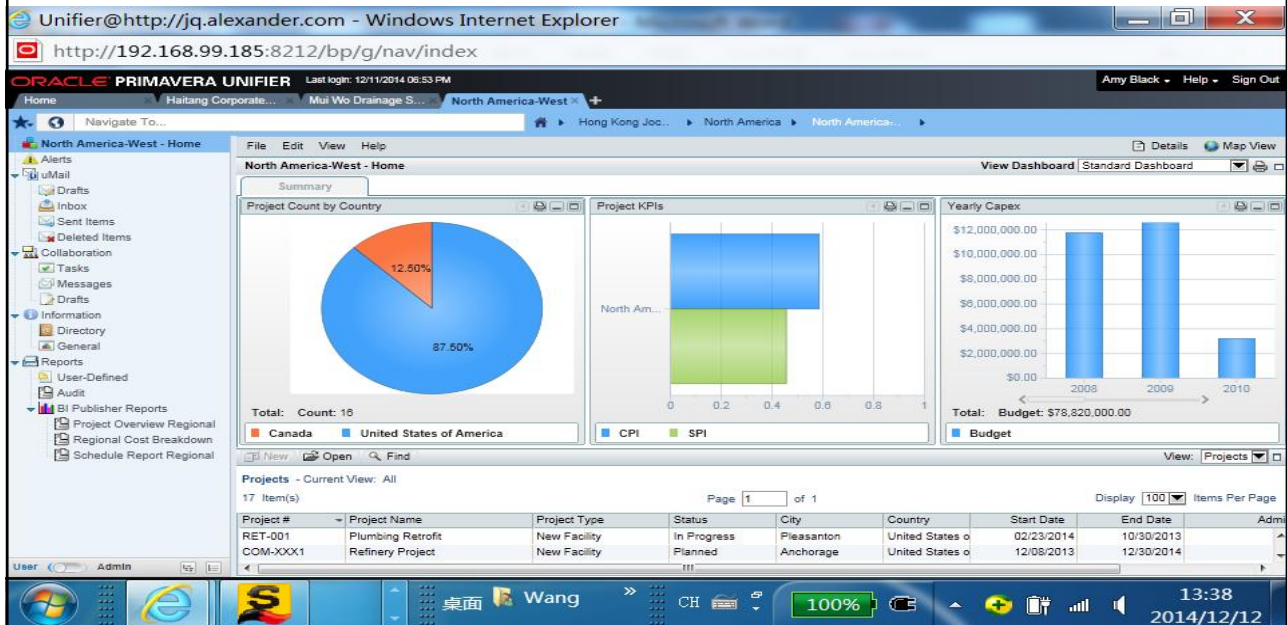
Display 100 Items Per Page

Geography	Region-Market	Region Number	Regional Headquarters	Administrator	Status
North America	North America-West	MARKET-1002	United States of America	Amy Black	Active

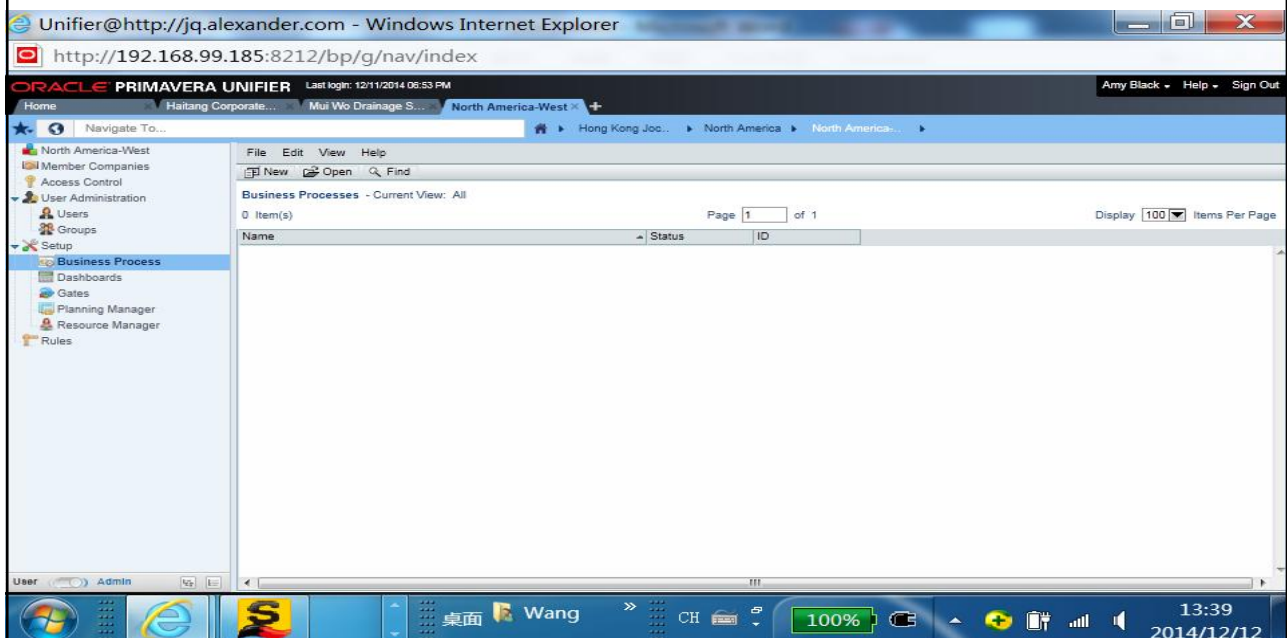
User Admin

桌面 Wang 100% 13:37 2014/12/12

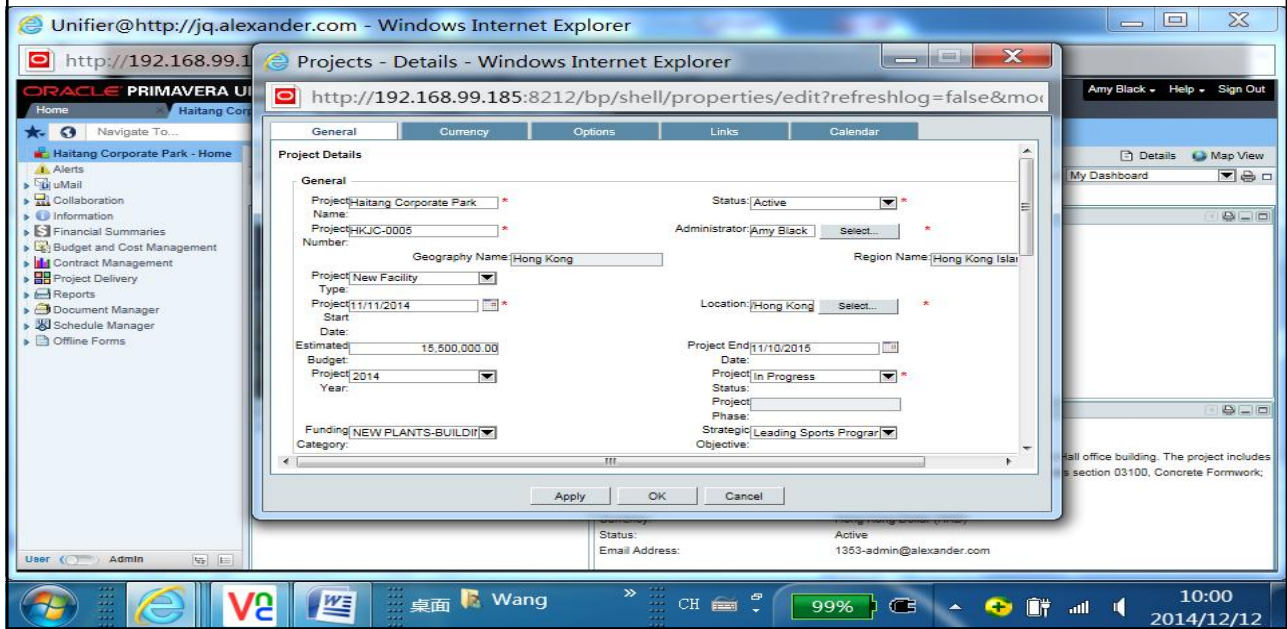
Unifier应用实例



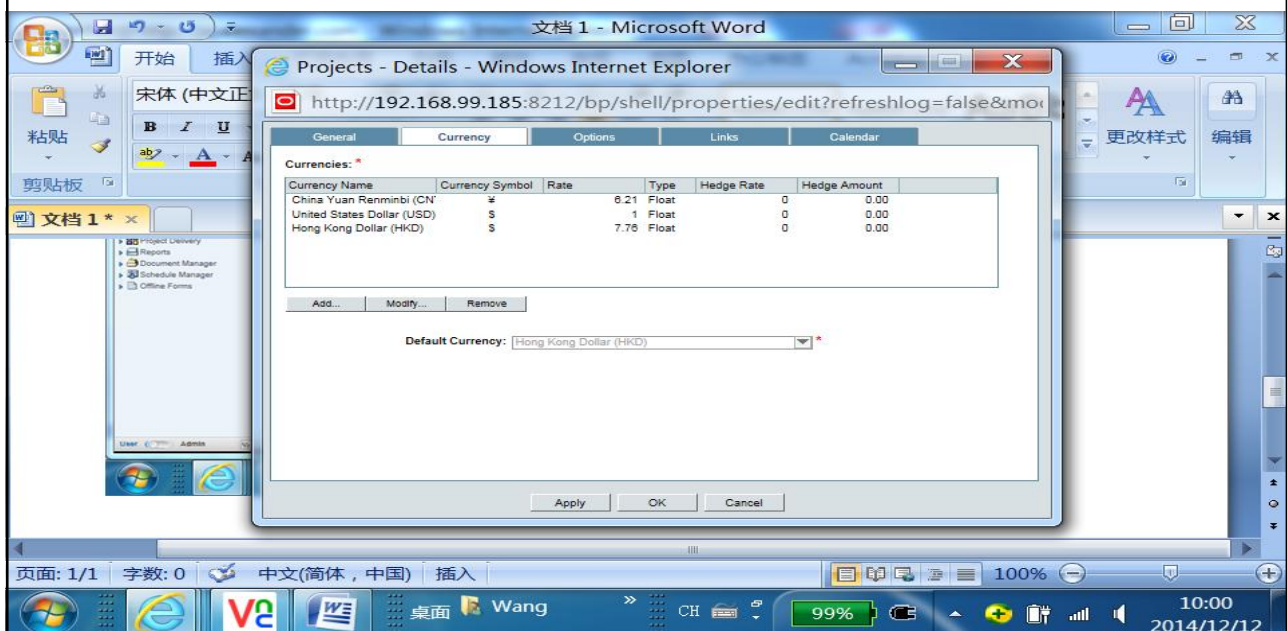
Unifier应用实例



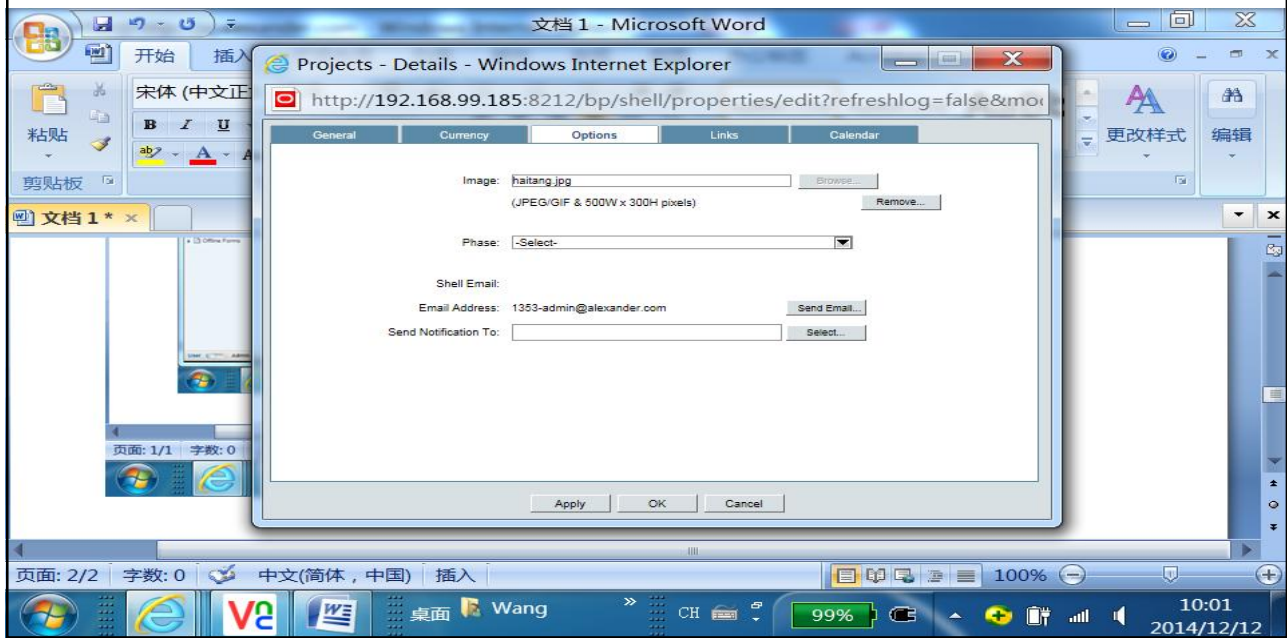
Unifier应用实例



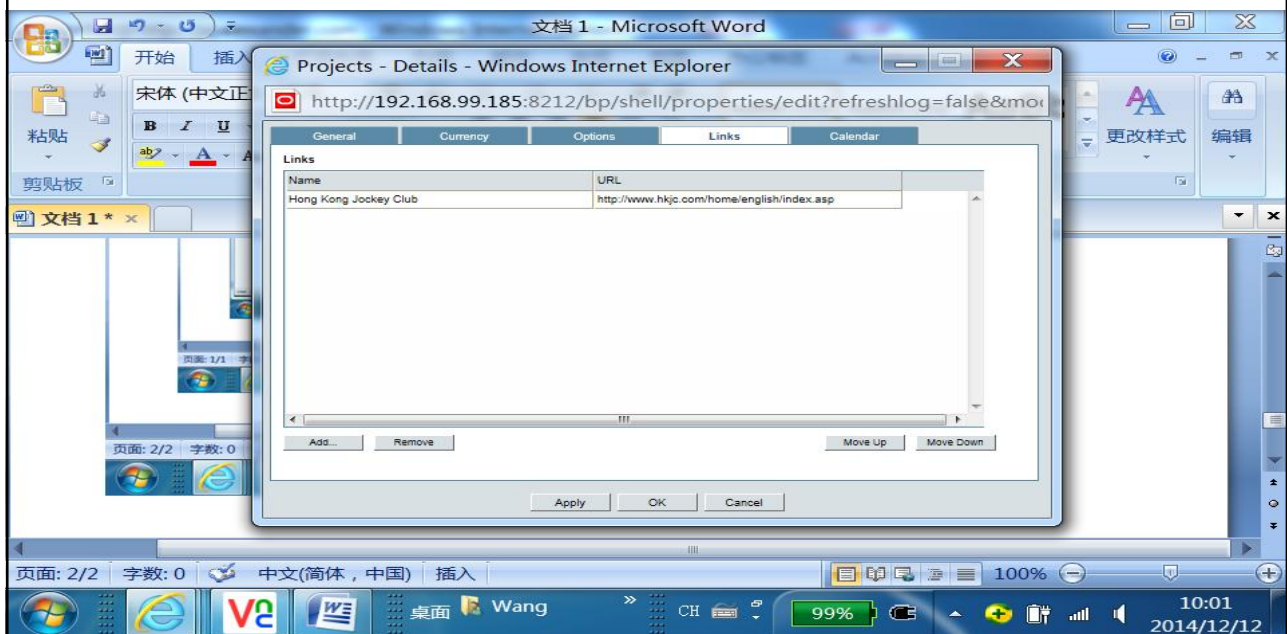
Unifier应用实例



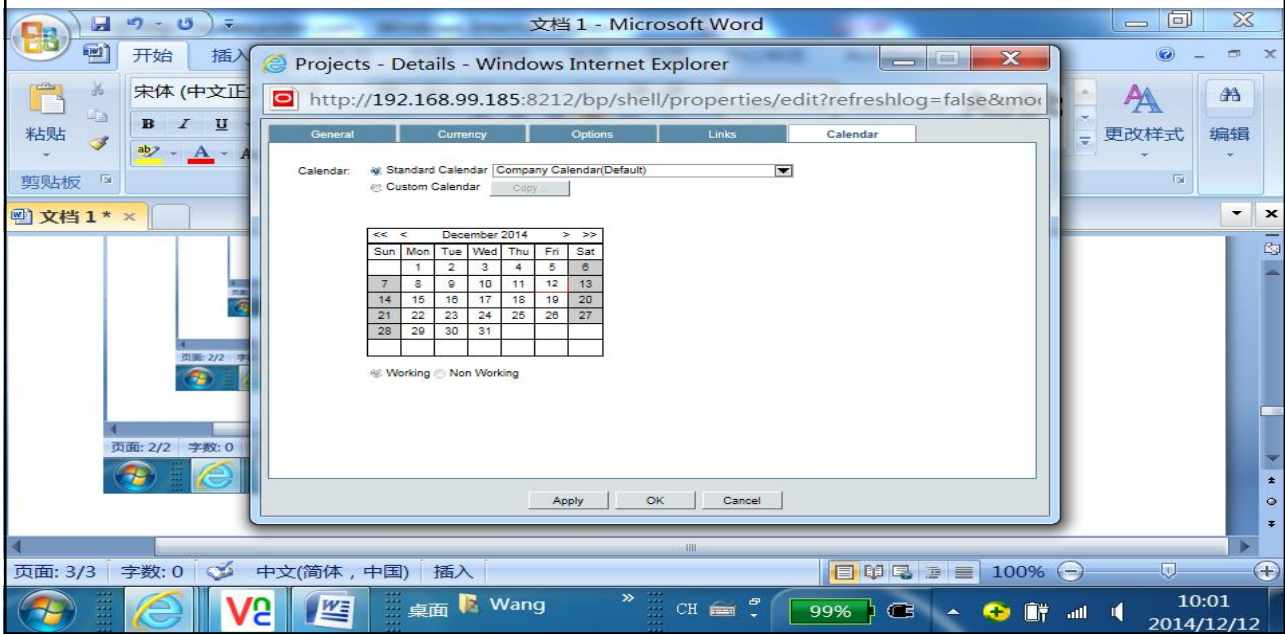
Unifier应用实例



Unifier应用实例



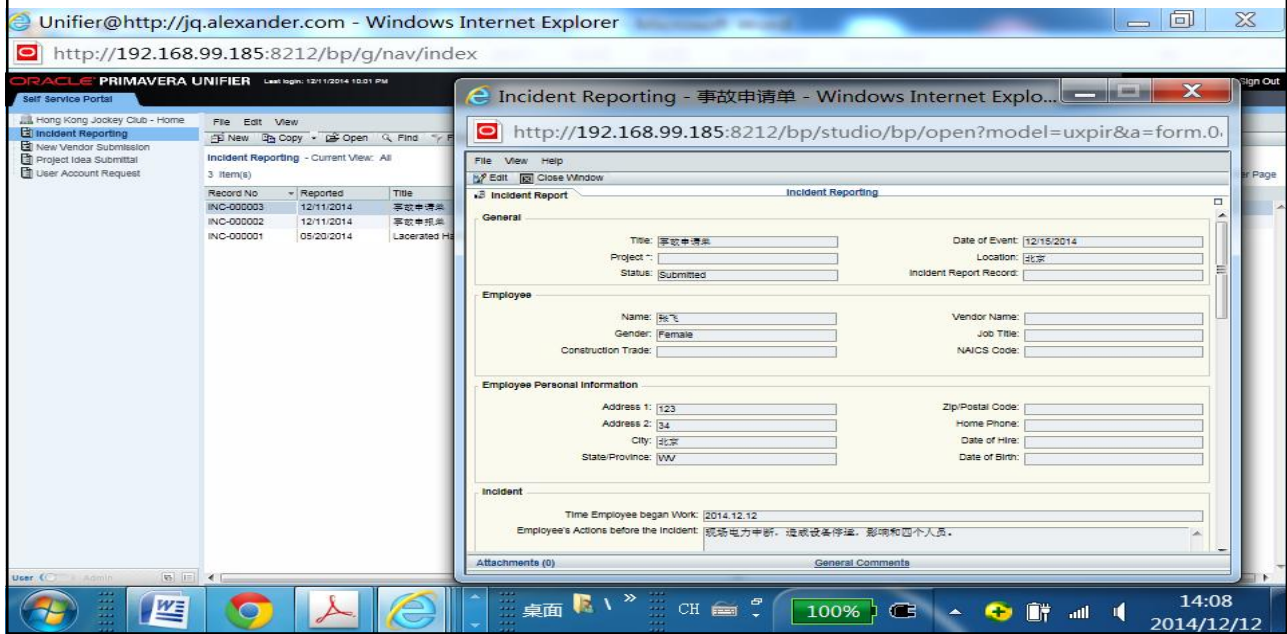
Unifier应用实例



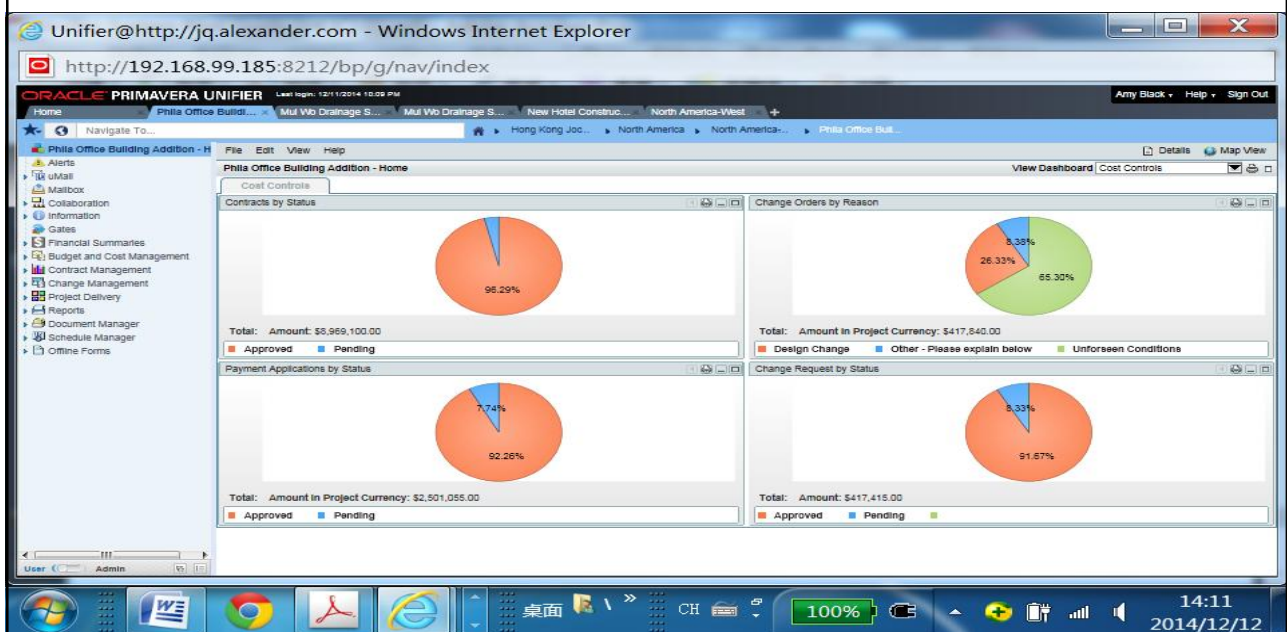
Unifier应用实例



Unifier应用实例



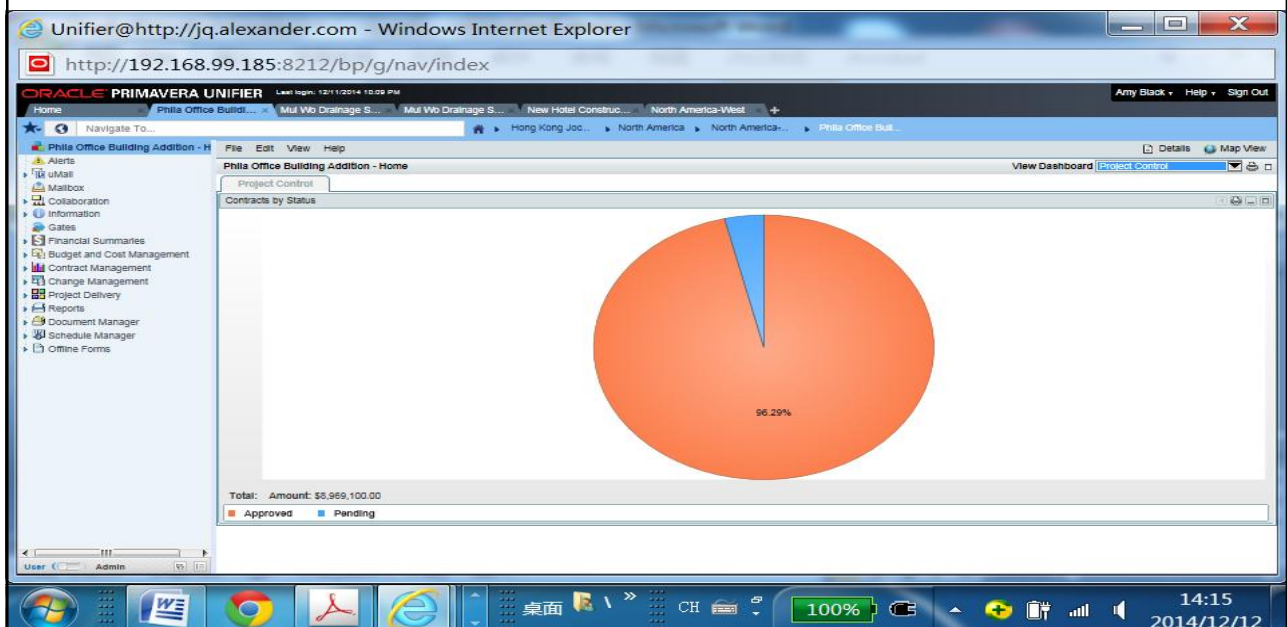
Unifier应用实例



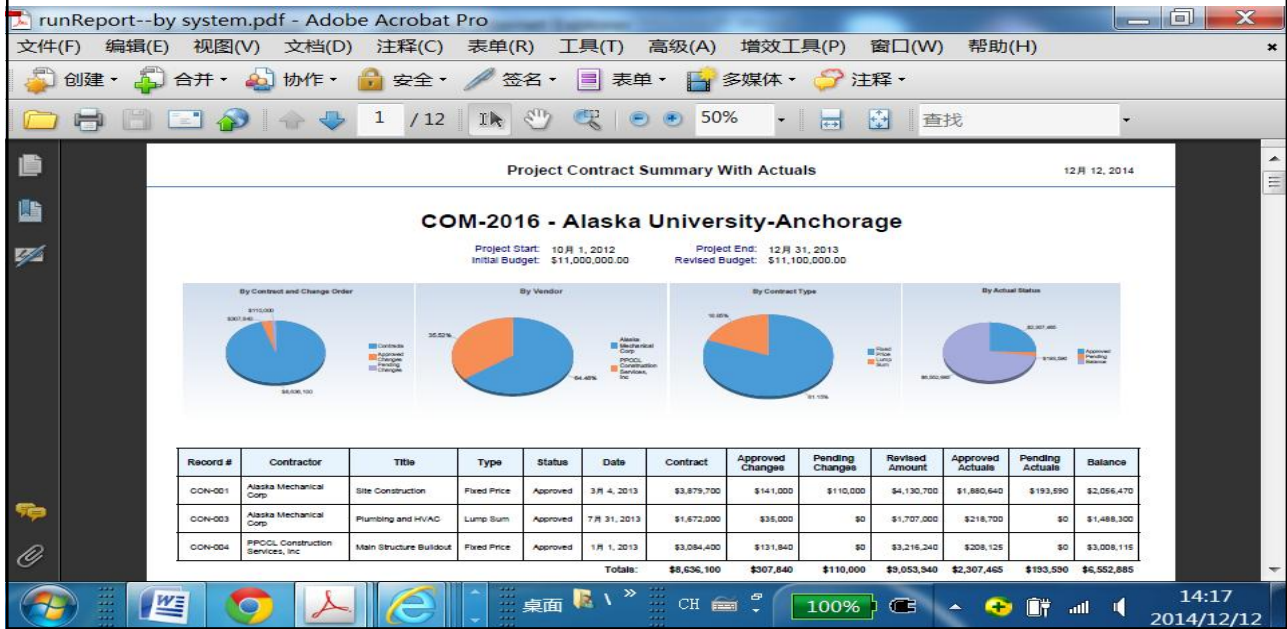
Unifier应用实例



Unifier应用实例



Unifier应用实例



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