

**ORACLE®**  
PRIMAVERA



Rid the World of Project Failure

**ORACLE®**

## **ANIMP – la collaborazione nel Planning con i Mobile Device**

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Oracle Primavera Global Business Unit

Roma, 28 Maggio 2013

# Agenda

- Oracle Primavera Business Unit
- A Mobile World
- The Challenge
- Primavera Solution
- Q&A



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# Oracle Primavera Global Business Unit (PGBU)

## Oracle acquired Primavera Systems January 2009

- ✓ Created a separated, dedicated, Global Business Unit
- ✓ Massive investments to develop a new Enterprise platform based on the best technology and leveraging Oracle Red Stack
- ✓ Consolidate/enforce the Partner Network (local partners and Global System Integrators)
- ✓ Set up a dedicated Customer support structure (+90 employee)
- ✓ Hired highly experienced PPM Sales rep and Sales consultants to cover all regions and countries
- ✓ Consistently deliver new product releases following a clear roadmap

# Oracle Primavera Global Business Unit (PGBU)

- 24 Product Releases since acquisition (Jan 2009)
- 13 New Solutions
- 600+ Industry Specific Enhancements



## Release Summary

- |                                 |   |
|---------------------------------|---|
| • Primavera P6 EPPM 7.0 (2009)  | Primavera Portfolio Management 8.0 (2010) |
| • Primavera P6 EPPM 8.0 (2010)  | Primavera Contract Management 14.1 (2011) |
| • Primavera P6 EPPM 8.1 (2011)  | Primavera Portfolio Management 9.0 (2011) |
| • Primavera P6 EPPM 8.2 (2012)  | Primavera Team Member (2011)              |
| • Primavera P6 8.1 (2011)       | Primavera Analytics 2.0 (2012)            |
| • Primavera P6 8.2 (2012)       | AutoVue 20.2.1 (2012)                     |
| • P6 Analytics R3.1 (2013)      | Primavera Unifier 9.11 (2012)             |
| • Primavera P6 EPPM 8.3 (2013)  | Primavera Gateway 1.0 (2013)              |
| • Primavera Unifier 9.12 (2013) |   |

### Financial Discipline

- Skire Unifier acquisition provides powerful integration of cost, schedule and contracts
- EPPM integration into ERP Financials & Asset Management
- Instantis acquisition provides best-of-class PPM solutions for IT, NPD, & Process Improvements project
- Primavera Analytics (OBIEE)
- Spatial Integration

### Risk Mitigation

- Balanced portfolios across all projects in the enterprise
- Visibility into resource supply and demand across all projects
- Integrated Risk identification and control strategies
- Expanded collaboration across the contractor ecosystem
- Pre-built UPK Content to ease adoption and user participation

### Operational Control

- BI Publisher as standard reporting engine
- Visualizer with Advanced Gantt and Timescaled Logic output
- Mobile team member apps for project status collection
- Autovue

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# MOBILE

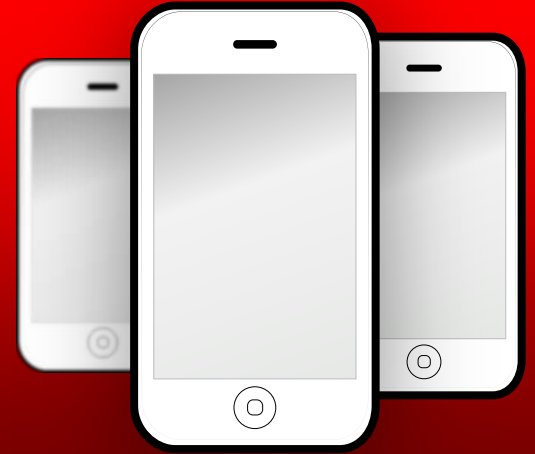
**GLOBAL MOBILE WORKER  
POPULATION EXPECTED TO  
SURPASS 1 BILLION IN 2013,  
WHICH ACCOUNTS FOR 35% OF  
THE WORKFORCE**

\*Source: IDC Worldwide Mobile Worker Population 2009-2013 Forecast



# MOBILE COMPUTING

90% OF COMPANIES  
WILL SUPPORT CORPORATE  
APPLICATIONS ON PERSONAL  
DEVICES BY 2014





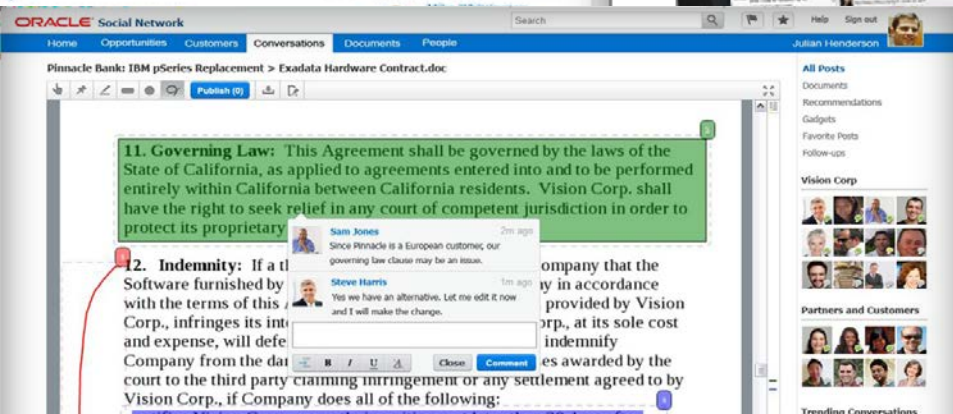
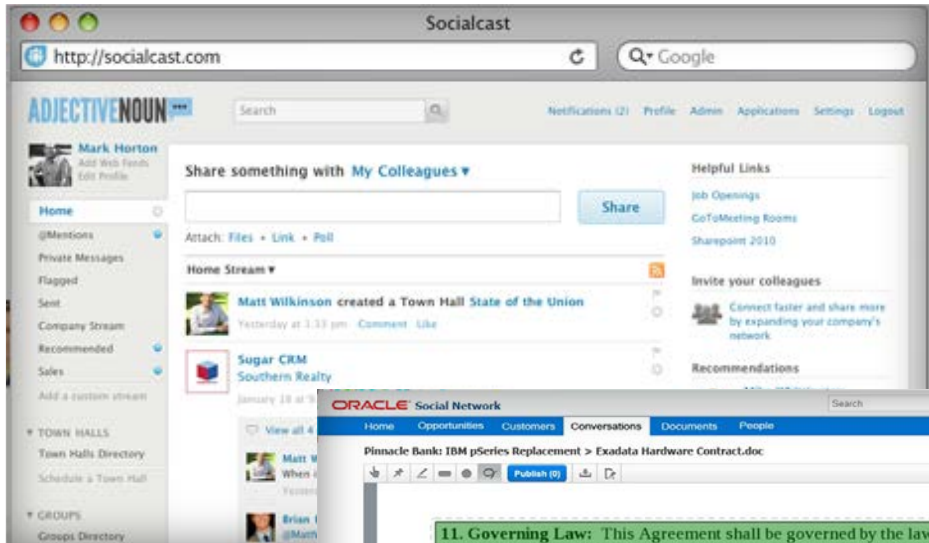
# Innovation Worker & the rise of Social tools

**85% OF NEW JOBS CREATED  
IN THE PAST DECADE  
REQUIRED COMPLEX  
KNOWLEDGE SKILLS**



\*Source: The Productivity Imperative, McKinsey June 2010

# Participatory Project Management



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Global  
Enterprises  
need  
Global WBS

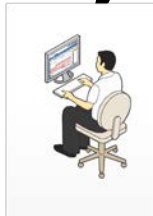
# Traditional Isolated Project Management



Project A PM1



Project B PM2



Project D PM4



Project C PM3



Project F PM5



Project G PM6

# Enterprise Project Management

Different users working on multiple projects



**Resource  
Managers**



**Executives**



**Scheduler/Planners**



**Partners/Suppliers**



**Field/Skilled Trades**

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# Enterprise Project Management

...On  
Different  
Locations...





# Enterprise Project Management

....Acting as  
a Global  
Team...





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# Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decision.

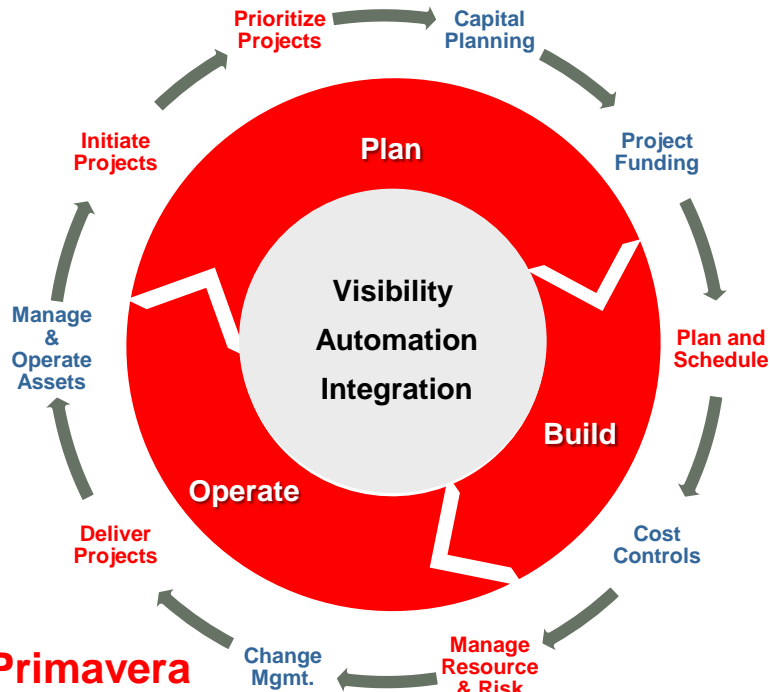
The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.



# Primavera P6

# Primavera P6 + Unifier

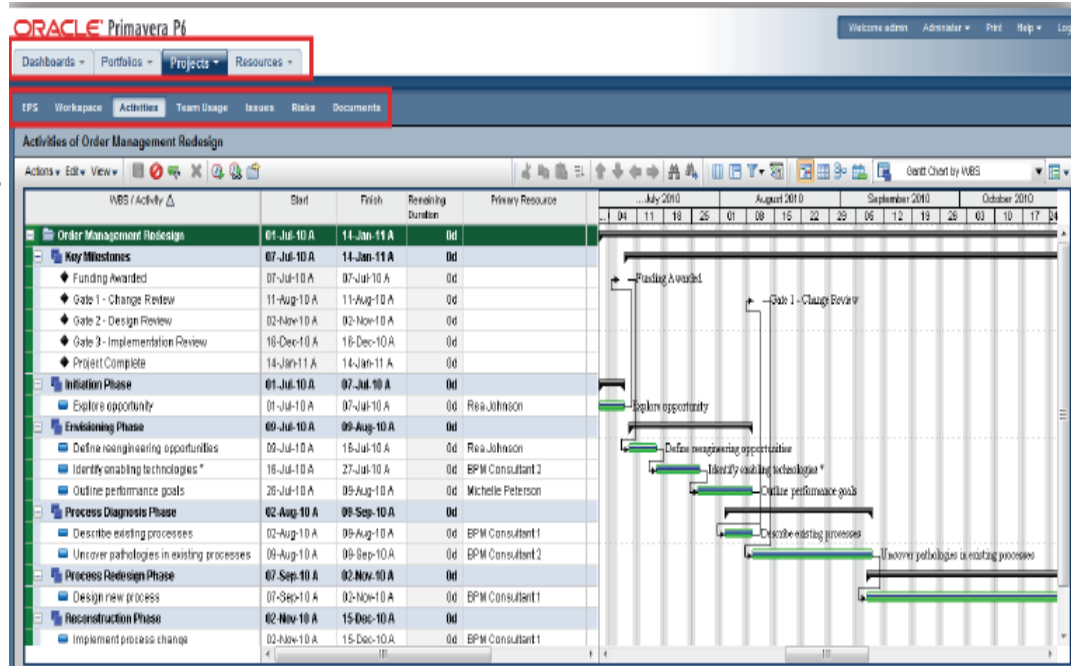
Integrated Processes and Information Flow from Planning and Construction to Operations and Maintenance



- 100% web
- Ease of use
- Role based access and configuration
- Enterprise level application
- Centralize Project Information
- Manage entire lifecycle
- Simple & Complex Projects
- Collaborative platform

# Primavera Web Client Fully-Featured User Interface

- Interactive Gantt charts that allow for adding, deleting and modifying the WBS, activities, relationships, resource assignments and costs
- Integrated WBS and Activity planning
- Designed to work on the biggest projects (30000+ Activities)
- Highly Interactive, Intuitive and Personalized
- Concurrent, responsibility-based Project/Multi-project Access



**A rich Internet application user experience.**

# Manage Simple & Complex Projects

- Views can be configured for simple usage in a spreadsheet format

The screenshot displays the Oracle Primavera P6 software interface. The main window shows a project activity list for 'Activities of City Center Office Building Addition'. The interface includes a navigation bar at the top with 'Dashboards', 'Portfolios', 'Projects', 'Resources', and 'Reports'. Below this is a sub-navigation bar with 'EPS', 'Activities', 'Workspace', 'Team Usage', 'Issues', 'Risks', and 'Documents'. The main area contains a table of activities with columns for 'Activity Name', 'Planned Duration', 'Activity Status', 'Activity % Complete', 'Finish', and 'Resource Names'. A red circle highlights the 'Simple Spreadsheet' view selector in the top right corner of the activity list.

Activity Name	Planned Duration	Activity Status	Activity % Complete	Finish	Resource Names
<b>Brick</b>	<b>312</b>			<b>15-May-12</b>	
◆ Assemble Brick Samples	0	Completed	0%	17-Feb-11 A	
▶ Review and Approve Brick Samples	30	Completed	100%	13-Apr-11 A	Paul Kim
▶ Prepare and Solicit Bids for Brick Exterior	14	Completed	100%	13-Apr-11 A	Project Controls
▶ Review Bids for Brick	14	Completed	100%	28-Apr-11 A	Project Controls
▶ Award Contract for Brick	5	In Progress	8%	05-May-11	Project Controls
▶ Deliver Brick	1	Not Started	0%	06-May-11	
▶ Brick Exterior Walls	17	Not Started	0%	15-May-12	Laborer-Construction
<b>Carpentry</b>	<b>59</b>			<b>19-Jun-13</b>	
▶ Install Ceiling Grid	36	Not Started	0%	16-May-13	Finish Carpenter
▶ Finish Carpentry and Millwork	12	Not Started	0%	19-Jun-13	Finish Carpenter
<b>Design and Engineering</b>	<b>107</b>			<b>06-Apr-11 A</b>	
◆ Start Office Building Addition Project	0	Completed	0%	01-Nov-10 A	
▶ Design Building Addition	52	Completed	100%	19-Jan-11 A	Paul Kim
▶ Review and Approve Designs	22	Completed	100%	17-Feb-11 A	Paul Kim
▶ Assemble Technical Data for Heat Pump	7	Completed	100%	25-Feb-11 A	Paul Kim
▶ Review Technical Data on Heat Pumps	27	Completed	100%	06-Apr-11 A	Paul Kim
<b>Doors and Windows</b>	<b>7</b>			<b>08-May-12</b>	
▶ Install Door and Window Frames	2	Not Started	0%	01-May-12	Finish Carpenter
▶ Install Exterior Doors and Windows	5	Not Started	0%	08-May-12	Finish Carpenter
<b>Elevator</b>	<b>218</b>			<b>12-Feb-13</b>	
▶ Install Elevator Rails and Equipment	2	Not Started	0%	06-Apr-12	Elevator Installer
▶ Install Elevator Cab and Finishes	5	Not Started	0%	12-Feb-13	Elevator Installer
<b>Exterior Finishes</b>	<b>23</b>			<b>18-Jun-12</b>	
◆ Close-In Phase Begins	0	Not Started	0%	15-May-12	
◆ Building Enclosed	0	Not Started	0%	18-Jun-12	
<b>Floor and Formwork</b>	<b>500</b>			<b>03-Jun-13</b>	

# Manage Simple & Complex Projects

- Views can be configured for advanced users to manage complex Project or Multiproject schedules

The screenshot displays the Oracle Primavera P6 software interface. The main window shows a Gantt chart for the project "Activities of City Center Office Building Addition". The Gantt chart is titled "Basic Gantt Chart" and shows a timeline from Q2 2011 to Q3 2012. The chart displays various activities, including "Rough-In Phase Begins", "Install Elevator Rails and Equipment", and "Prepare and Solicit Bids for Heat Pump".

Below the Gantt chart, the "Trace Logic" window is open, showing a network diagram of activities. The diagram includes activities such as "EC1440 Set Mechanical and Electrical Equip...", "EC1490 Rough-In Phase Begins", "EC1680 Startup and Test HVAC", "EC1520 Install Elevator Rails and Equipment", "EC1690 Rough In Complete", "EC1710 Install Elevator Cab", and "EC1700 Drywall in Offices". The "Trace Logic" window is highlighted with a red circle.

The interface also shows a table of activities with columns for "WBS / Activity", "Activity ID", "Planned Duration", and "Start". The table lists activities for Mechanical/Electrical Systems, Elevator, and HVAC.

WBS / Activity	Activity ID	Planned Duration	Start
Mechanical/Electrical Systems		562	14-Apr-11 A
Rough-In Phase Begins	EC1490	0	12-Mar-12
Rough In Complete	EC1690	0	05-Feb-13
Elevator		218	04-Apr-12
Install Elevator Rails and Equipment	EC1520	2	04-Apr-12
Install Elevator Cab and Finishes	EC1710	5	05-Feb-13
HVAC		562	14-Apr-11 A
Prepare and Solicit Bids for Heat Pu...	EC1190	14	14-Apr-11 A
Review Bids for Heat Pump	EC1240	10	03-May-11
Award Contract for Heat Pump	EC1270	6	17-May-11

# Project Statusing

Done  
&  
Forgotten





...Or ?...

# Manual Project Statusing

1 Collect Status



2 Scrub Data



3 Enter data



# Manual Project Statusing

- Time consuming



- Out of date



**Project Managers' Job is managing Projects, solving problems, identifying trends**



**...So, how ?...**



# Primavera Team Member

# Primavera Team Member

- **Collaboration:** gather Project progress, Actuals and information from the field (Internal and Contractors)
- **All Platforms:** Email, iPhone, Web Application
- **Ease of Use:** Designed for every kind of user
- **Configurable:** Approvals and Activity editing security
- **History:** Full Update History

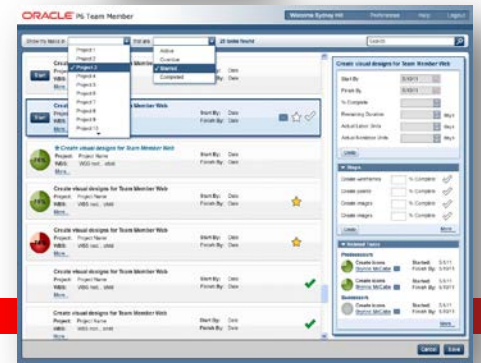
E-Mail



iPhone/iPad App



Web / Tablets



# Team Member – Email

- User can send an email to the server and request his task list (the PM can also “push” it to him)
- Edit the email updating Activity or Resource Assignment progress fields and actual effort.
- Send the email back to the server to update P6.
- Receive back from the server update confirmation
- User can set up filters, quickly mark tasks as completed, define tasks as “Favorite”


**Project: Center City Office Building Addition** [Update this task](#)

<b>Excavation</b> WBS: Foundation Status: Not Started Finished (Y/N):	<b>Start:</b> 2011-May-02 <b>Finish:</b> 2011-Jun-02 <b>Time Spent:</b> 0d <b>Time Left:</b> 24d
--	---

**Project: Haitang Corporate Park** [Update this task](#)

<b>Concrete Foundation Walls</b> WBS: Foundation Status: In Progress Finished (Y/N):	<b>Start:</b> 2011-May-02 <b>Finish:</b> 2011-Jun-02 <b>Time Spent:</b> 0d <b>Time Left:</b> 24d
---	---

**Excavation**  
WBS: Foundation  
Status: Completed  
Finished (Y/N):



<b>Start:</b> 2011-May-02 <b>Finish:</b> 2011-Jun-02 <b>Time Spent:</b> 0d <b>Time Left:</b> 24d
---

The image shows a BlackBerry smartphone screen displaying a list of tasks. The tasks are listed with names and times: Pam D. (3:28p), Pam D. (3:27p), Jeremy M. (3:26p), Thor Sohn (2:57p), and Joyce S. (2:54p). The phone is a classic BlackBerry with a physical keyboard.

# Team Member – iPhone App

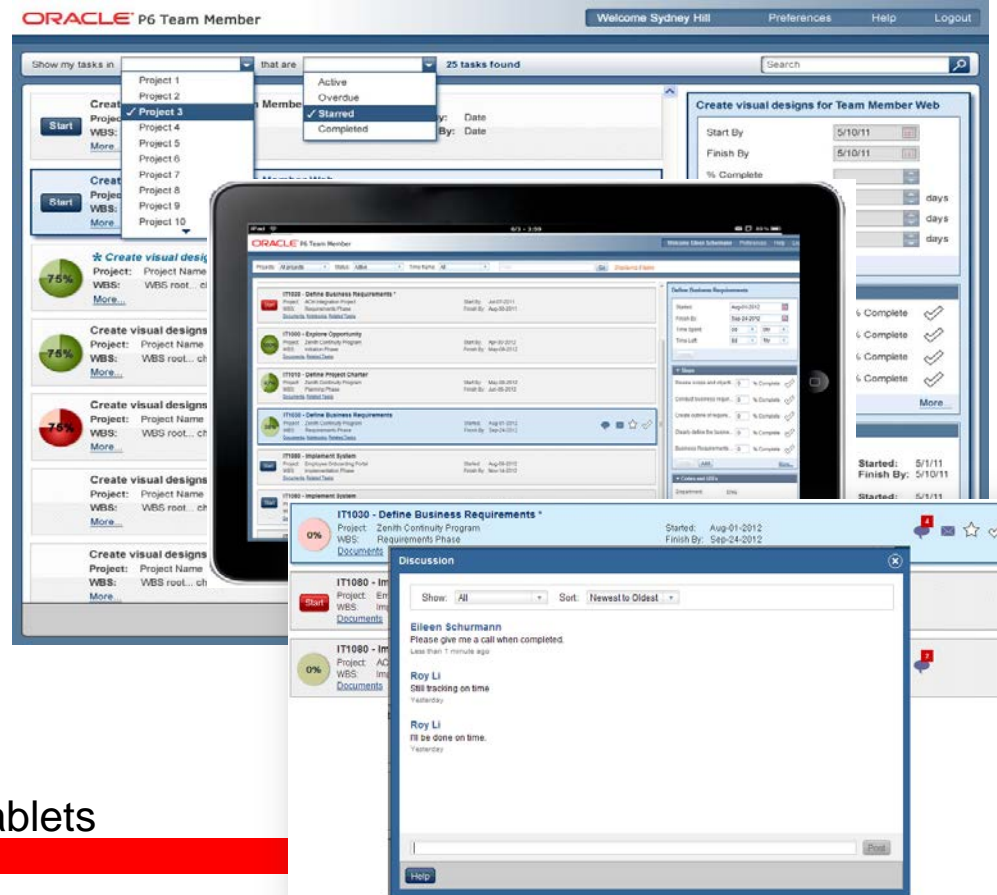
- Update Activity or Resource Assignment progress fields and actual effort.
- User can set up filters, quickly mark tasks as completed, define tasks as “Favorite” (multi update)
- Ability to update Activity Codes and UDFs
- Ability to Create/Update Activity Steps
- Collaborate with PM through Discussion option
- Email comments and photos related to a task
- Android version will be released Q3 2013





# Team Member – Web Application (PC/ Tablet)

- Update Activity or Resource Assignment progress fields and actual effort
- Extended filters & search capability, quickly mark tasks as completed, define tasks as “Favorite”
- Ability to update Activity Codes and UDFs
- Ability to Create/Update Activity Steps
- Collaborate with PM through Discussion
- View P6 Notebook Topics
- View pred/succ Activities and send email to the Activity Owner
- View P6 Documents, WP&Docs related to the selected Activity
- AutoVue supported on PC and Windows Tablets



# Primavera Team Member - Summary

- ✓ Project Managers collaborate with Internal and External resources to keep the project up to date eliminating time wasted to collect information.
- ✓ Increased plan accuracy and accountability
- ✓ Team Members get visibility on their project Activities, documents, etc.
- ✓ Easy to use interfaces designed for non Project Management specialists
- ✓ Configurable to fit Customer requirements
- ✓ Different devices supported to fit every deployment scenarios



# Document Collaboration with AutoVue

# AutoVue Enterprise Visualization

## View & Collaborate on Engineering & Business Documents

**PERMIT TO WORK (PTW)**

Name of premises, vessel or platform: A/CN2 #507 Permit No. 4 433-600

**PART 1 REQUEST**

Person requesting this PTW: Shah, Sufyan Signature: \_\_\_\_\_

Nature of the work: Removal of C&I on area 3001

Proposed Start date / time: Jan 26 at 00:00:00Z

Finishing on: Jan 29 at 1:00 pm 08Z

**PART 2 AUTHORIZATION**

PTW Authorized? YES/NO\*

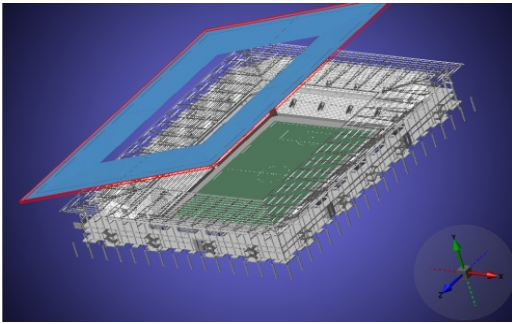
Precautions to be taken by the Person in Charge: (PIT) authorized, draw all lines through rest of the form and advise applicant with reason)

Eye protection	<input checked="" type="checkbox"/>	Standby Guard	<input type="checkbox"/>	Life Jacket	<input type="checkbox"/>
Ear Protection	<input checked="" type="checkbox"/>	Breathing Apparatus	<input type="checkbox"/>	Additional Lighting	<input checked="" type="checkbox"/>
Safety Harness	<input type="checkbox"/>	Atendant Person	<input type="checkbox"/>	Gloves	<input checked="" type="checkbox"/>
Fire Watcher	<input type="checkbox"/>	V/F Ratio	<input checked="" type="checkbox"/>	Steel-toed Boots	<input type="checkbox"/>
Gas Test before Entry	<input type="checkbox"/>				
Mechanical isolation (specify)					
Electrical isolation (specify)					
Portable Extinguisher etc (specify)					

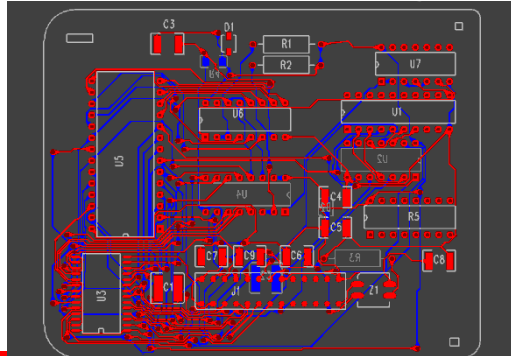
Contracts, RFIs,...



Floorplans, 2D drawings....



3D models, assemblies...

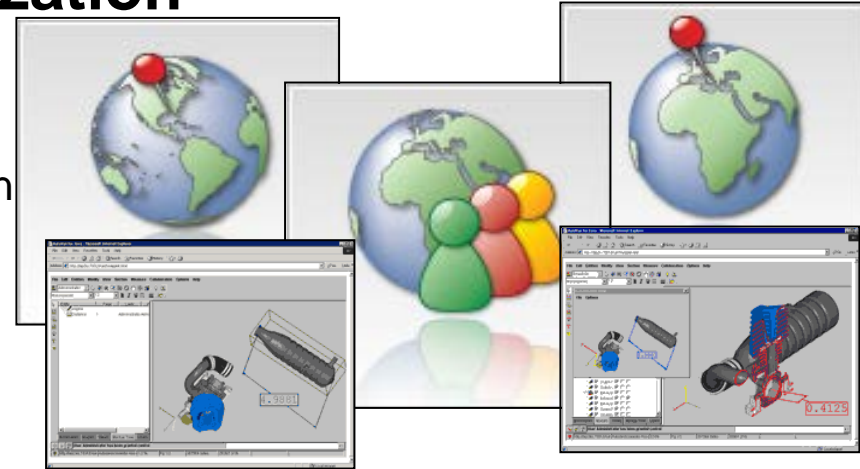


PCB designs & schematics

- View, access & share any document type
- No authoring tools or conversion required
- Add digital annotations and comments
- Access documents online and offline
- Collaborate in real-time via the Web
- Maintain data security & integrity
- Integrated with Primavera and Unifier, content management, PLM or enterprise applications

# AutoVue: Web-based Visualization

- Access AutoVue from any web browser
- Enable globally dispersed teams to collaborate in real-time
  - expedite document & design review cycles
  - overcome language barriers
  - capture electronic audit trail
  - save travel time & cost
- Collaborate securely without risking valuable IP
  - original documents never leave the server
  - no document footprint left on client machines
- Real-time collaboration allows multiple reviewers to simultaneously view, markup and chat on documents via the web
- Server installation, maintenance and updates mean simpler IT infrastructure



# Primavera Solutions Relied On By More than 5000 global enterprises

Engineering & Construction	Public Sector	Utilities, Oil & Gas	Manufacturing Aerospace & Defense	IT & High Tech
				
<p><b>KBR</b></p> <p><b>PARSONS</b></p> <p><b>FLUOR</b></p> <p><b>JE JACOBS</b></p> <p><b>HILL</b> Hill International</p> <p><b>CH2MHILL</b></p> <p><b>Bovis</b> Lend Lease</p> <p><b>BECHTEL</b></p>	<p>U.S. OFFICE OF PERSONNEL MANAGEMENT</p> <p>Transportation Security Administration</p> <p>U.S. DEPARTMENT OF HOMELAND SECURITY</p> <p>FEDERAL AVIATION ADMINISTRATION</p> <p>NASA</p> <p>NAVSUP</p> <p>U.S. ARMY</p>	<p><b>ExxonMobil</b></p> <p>Shell</p> <p>Duke Energy</p> <p>Chevron</p> <p>SOUTHERN COMPANY Energy to Serve Your World™</p> <p>bp</p> <p>Ameren</p>	<p><b>SIEMENS</b></p> <p><b>BAE SYSTEMS</b></p> <p><b>CATERPILLAR</b></p> <p><b>Honeywell</b></p> <p><b>ALSTOM</b></p> <p><b>BOMBARDIER</b></p> <p><b>NORTHROP GRUMMAN</b></p>	<p><b>SNP</b> Delivering more than power.™</p> <p>GUARDIAN™</p> <p>U.S. AIR FORCE</p> <p>agere systems</p> <p><b>BNSF</b> RAILWAY</p> <p><b>Boeing</b> Helicopter A Textron Company</p> <p><b>SUNTRUST</b></p>

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