



# Is PMWeb a Contract Management Replacement?

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PROJECT MANAGEMENT SOLUTIONS THAT *SIMPLY WORK* SINCE 1989.

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# Thank you for joining today's technical webinar

- Mute – all call in phones are automatically muted in order to preserve the quality of the audio for all attendees.
- Questions – during the session, questions can be submitted through the Questions Box on the right side of the screen . We will try to address your questions at the end of the presentation, time permitting.
- Follow up – all registrants will receive an Excel file listing all questions and responses along with a link to the recorded webinar.

# Safe Harbor

- The statements made in this technical presentation are based on our current knowledge of the tools.
- Our statements should not be construed to be an official “Vendor perspective”, but are intended to be the sharing of technical and user knowledge gained as we explore new paths and technologies, usually in advance of our clients.
- You need to make your own judgments as to the application of our shared ideas in your own, unique environment.

# Products and Services






- Authorized Oracle Primavera, Asta Powerproject and PMWeb Software Sales
- Experienced Industry Implementation Specialists & Consultants
  - P6, Contract Management, Unifier, Asta Powerproject, and PMWeb
- Custom Integration, Analytics, Dashboards, Risk and Role-based User Access
- Program and Project System Support Services and Partnering
- Mentored and Supported Project Staffing Resources



- Cloud Based, Global Managed Hosting Services
- P6 and Asta Cloud Team Deployments Reduce the Risk of Critical Data Loss
- **Project Status**, Java-free Risk and Collaboration Using P6 Web Services
- Contract Management Interface (CMI) – Extend Your PCM Deployment

# Tool Matrix

Business Process		 Asta Powerproject®	
Portfolio Management	P6, Unifier		Portfolios
Planning & Budgeting	Unifier	Powerproject	Planning
Estimating		BidCon	Estimating
CPM Scheduling	P6	Powerproject	Scheduling
Cost Management & Reporting	P6, Unifier	Powerproject	Cost Management
Document Management	Unifier		Doc. Management
Change Management	Unifier		Workflows
BIM/Engineering Forms	Unifier	Asta BIM	Engineering Forms
Risk Analysis	Risk Analysis	Asta Risk	Risk Register
Facility Management/Work Orders	Unifier		Facility Management
Claims Support & Analysis	P6	Powerproject	Scheduling Doc. Management

# Is PMWeb a Contract Management Replacement?

## Abstract

Our team supports hundreds of PCM users daily through our MLM Hosted Cloud environments. In April, Oracle announced the end of support for PCM 14.x. While Contract Management licenses are "perpetual" and could be used as long as you desire, our hosted clients deal with Contract Management related browser/Java issues on a daily basis and all of us have waited many years for some more modern functionality to be added to Contract Management. The writing is on the wall, as operating systems and browsers continue to evolve, it will be increasingly more difficult to use PCM. Our team set out to identify options for existing and new clients to fill the need for a project management tool that uses up to date technology with the flexibility our clients need. This webinar discusses our requirements for a PCM replacement in addition to Unifier, and why we selected PMWeb as the best solution for our clients that do not want to follow the Unifier path.

# Is PMWeb a Contract Management Replacement?

## Agenda

- Overview
- Requirements
- Selection Matrix
- PMWeb Compelling Features
- Migration Issues
- PMWeb Live Demonstration (Jon McNatty)
- Price comparisons with PCM
- Our Conclusion and Recommendation
- Questions

# Is PMWeb a Contract Management Replacement?

## Overview

- PCM 14.x support ends June 2016
  - Perpetual licenses are forever, but technology is not
- Unifier is Oracle's recommended replacement for PCM
  - Unifier may be more than needed for some environments
  - Oracle has also talked about "Prime" as a migration path for PCM
- Our clients need solutions today
  - We took a good look at the solutions available "today"
  - Requirements based on 30 years experience with PCM
  - Perspective based on 40+ years construction industry experience
- We reviewed all major applications and selected PMWeb

# Is PMWeb a Contract Management Replacement?

## Requirements

- True document management capabilities
- Built-in workflows
- Less expensive “guest licenses” for external users
- Email interaction for external users
- Interactive reporting with an easy to use Report Writer
- Full cost management capabilities linked to P6
- No browser plugins required (no Java)
- Integration with Microsoft applications
- User defined forms, calculated columns, and more...
- Multiple deployment options (onsite, hosted, cloud, SaaS)

# Is PMWeb a Contract Management Replacement?

## Selection Matrix

Requirement	PMWeb	Prod 1	Prod 2	Prod 3	Prod 4
True Document Management & Control	✓	✓	✓	✓	✓
Built-in Workflows	✓	✓	✓	✓	✓
"Lite" licenses for external or internal casual users	✓	✓	X	✓	✓
Email interaction for external users	✓	✓	✓	✓	✓
Ad-hoc reports and interactive drill-down	✓	X	✓	✓	✓
Easy to use custom form and report writer	✓	X	X	✓	✓
Full cost management linked to P6 schedules	✓	=	=	=	X
No required browser plugins	✓	✓	✓	✓	✓
Easy integration with Microsoft Office	✓	X	✓	✓	✓
Integrate with SharePoint	✓	=	=	✓	✓
User defined forms, calculated columns...	✓	X	X	X	✓
Must be able to support Owner, PM/CM, GC, Subs	✓	=	X	X	✓
Deploy as SaaS, onsite or hosted	✓	X	X	X	✓
Per user, portable license pricing	✓	✓	X	✓	✓

# Is PMWeb a Contract Management Replacement?

## PMWeb Compelling Features

- Meets all defined “Requirements”
- Plus additional functionality
  - Field level and conditional security
  - Can store, reference and compare unlimited P6 schedule “versions”
  - Has a built in schedule tool that supports cash flow/EVM reporting
  - Asset Management, Work Orders
  - Copy/Paste from Excel for many modules
  - Accounting integration Toolbox
  - Multi-language, multi-currency support
  - MS SQL Database (does not support Oracle)
- Proven track record

# Is PMWeb a Contract Management Replacement?

## Functional Security

The screenshot displays the PMWeb user management interface. At the top, there are tabs for 'Define Groups', 'Define Users', 'User Access', 'Project Users', 'Conditional Security', 'Activity Monitor', 'Password Setup', and 'External Users'. The 'Define Groups' tab is active, showing a table of user groups. The 'Basic' group is highlighted in orange. Below the table, there is a form to edit the 'Basic' group, with fields for 'Group\*' (Basic), 'Description\*' (Basic), and checkboxes for 'Guest' and 'Default'. Below this, there is a table of permissions for the 'Basic' group. The table has columns for 'Menu Item', 'Full Control', 'View', 'Create', 'Delete', and 'Edit'. The 'Engineering Forms' menu item is expanded, showing sub-items like 'Safety Forms', 'RFIs', 'Header', 'Details', and 'Fields'. The 'Fields' sub-item is expanded, showing a list of fields: 'Question', 'Required Date', 'Answer', and 'Answered Date'. The 'Question' field is highlighted with a red box, and its 'View' permission is checked. Red arrows indicate the navigation path from the 'Basic' group in the table, to the 'Basic' group in the form, to the 'Engineering Forms' menu item, to the 'Fields' sub-item, and finally to the 'Question' field.

Group	Description	Guest	Default
Admin	Administrator Group	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Architect	Architect	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Basic	Basic	<input type="checkbox"/>	<input type="checkbox"/>

Group\* Basic Description\* Basic ☐ Guest ☐ Default

Menu Item	Full Control	View	Create	Delete	Edit
Planning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering Forms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Safety Forms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RFIs	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Header					
Details					
Fields					
Question		<input checked="" type="checkbox"/>			<input type="checkbox"/>
Required Date		<input checked="" type="checkbox"/>			<input type="checkbox"/>
Answer		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Answered Date		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

# Is PMWeb a Contract Management Replacement?

## Multi-project access

PMWeb®

- Program/Project Login - Engineering Forms > RFIs

Drag a column header and drop it here to group by that column





Programs \*All\* Projects \*All\* + Add X Delete Refresh Layouts


Project #	Record #	Project Name	Description	Workflow Status	To	From
RVS0104	000002	Boston Medical Center	HSS Location at Window Jam	Approved	Hillcrest General Contractors - Mike M	Best Door and Window - Neil Younger
RVS0104	000003	Boston Medical Center	Questions over document 23	Approved	Wagner & Williams - Karen Watson	A+ Electric, Inc. - Tom Harker
RVS0104	000004	Boston Medical Center	Conflict	Submitted		PMWeb, Inc. - Matt Damon
RVS0104	000005	Boston Medical Center	Drawing A-500 Issues	Approved	Rockwell Architects - Janice Rockwe	Best Door and Window - Neil Younger
RVS0104	000006	Boston Medical Center	Purchase Order	Submitted		
RVS0104	000007	Boston Medical Center	HSS Location at Window Jam	Approved	Hillcrest General Contractors - Mike M	Best Door and Window - Neil Younger
RVS0104	000008	Boston Medical Center		Approved		
RVS0104	000009	Boston Medical Center		Submitted		
RVS0104	001A	Boston Medical Center	Dons RFI	Draft	DRMcNatty & Associates, Inc - Don M	DRMcNatty & Associates, Inc - Don M
RVS0104	000006	Boston Medical Center	Banner Pole Assemblies	Approved	Rockwell Architects - Ann Rockwell	Best Door and Window - Frank Jones
RVS0104	000007	Boston Medical Center	General Requirements for RF	Approved	Rockwell Architects - Cliff Rockwell	A+ Electric, Inc. - Carrol Nash
U-200	000001	HBS Baker Library	Dimensions at Architectural S	Submitted	Wagner & Williams - Karen Watson	Hillcrest General Contractors - Mike M
U-200	000002	HBS Baker Library	Dimensions at Stairs # 5 & #3	Submitted	Wagner & Williams - Karen Watson	Hillcrest General Contractors - Mike M
U-200	000003	HBS Baker Library	Dimensions of window #3	Draft	Wagner & Williams - Karen Watson	A+ Electric, Inc. - Tom Harker
U-200	000004	HBS Baker Library	Drawing Clarification	Submitted		
U-200	000005	HBS Baker Library	Dimensions at Architectural S	Draft	Wagner & Williams - Karen Watson	Hillcrest General Contractors - Mike M
MH-955	000001	Florida Perimeter Highway	Found buried abandoned tank	Submitted	Florida DOT - Michael Ritter	Blue Ridge Highway Contractors - Da
MH-955	000002	Florida Perimeter Highway	Rough Grade stakes are not	Draft	Florida DOT - Michael Ritter	Blue Ridge Highway Contractors - Sc
MH-955	000003	Florida Perimeter Highway	Missing plan details	Draft	Florida DOT - Bryn Fosburgh	Blue Ridge Highway Contractors - Sc
U-201	000001	Harvard Square Station	Bid Inquiry	Draft	Blue Ridge Highway Contractors - Sc	Best Door and Window - Frank Jones

Page Size 20





# Is PMWeb a Contract Management Replacement?

## Full Cost Management

**PMWeb**    

- Program/Project Login -  **Cost Management > Contracts > Commitments**

Drag a column header and drop it here to group by that column

Programs  Projects   Add  Delete  Refresh  Layouts





Project Name	Project #	Record #	Description	Workflow Status	Type	Company
<input type="text" value="Boston Medical Center"/>	<input type="text" value="RVS0104"/>	<input type="text" value="000001"/>	<input type="text" value="Design Services"/>	<input type="text" value="Approved"/>	<input type="text" value="Subcontract"/>	<input type="text" value="Rockwell Architects"/>
Boston Medical Center	RVS0104	000002	GMP Contract	Approved	Subcontract	Boston Contractors
Boston Medical Center	RVS0104	000003	Structural Engineer	Approved	Subcontract	Murphy Structural Engineer
Boston Medical Center	RVS0104	000001	Electrical Equipment	Approved	Purchase Order	A+ Electric, Inc.
Boston Medical Center	RVS0104	000004	Demo Package	Draft	Subcontract	Boston Contractors
Boston Medical Center	RVS0104	000005	Architectural Services	Draft	Subcontract	Rockwell Architects
HBS Baker Library	U-200	000001	Design Development	Approved	Subcontract	Rockwell Architects
HBS Baker Library	U-200	CON-002	All finishes - design & install	Approved	Subcontract	JFK Finishes
HBS Baker Library	U-200	CON-003	Commitment for New Building	Approved	Subcontract	Boston Contractors
HBS Baker Library	U-200	000001	Materials	Approved	Purchase Order	Callahan Mechanical
HBS Baker Library	U-200	CON-004	Electrical	Draft	Subcontract	A+ Electric, Inc.
Woburn Development	2000	000001	Design Services	Approved	Subcontract	Rockwell Architects
Sudbury Office Building	2001	000001	Concrete	Submitted	Subcontract	Ace Concrete
Sudbury Office Building	2001	000003	Electrical	Draft	Subcontract	A+ Electric, Inc.
Sudbury Office Building	2001	000004		Approved	Subcontract	Best Door and Window









**Left Sidebar:**

- Budgets
  - Budgets
  - Cost Codes
  - Cost Ledgers
  - Forecasts
  - Cost Worksheets
  - Define Worksheets
  - Budget Requests
  - Journal Entries
  - Production
- Contracts
  - Contracts
  - Master Commitments
  - Commitments
- Planning
- Engineering Forms
- Cost Management**
- Scheduling

# Is PMWeb a Contract Management Replacement?

## Dashboard






**PMWeb**    

- Program/Project Login -  Portfolio > Portfolio View       

Welcome back Don McNatty, your last login 7/9/2015 8:59:15 AM


Controls Dashboard **Project Center** Portfolio View Map View Calendar


Project Center

Boston Medical Center  Create Project  Create From Template  Save  Print 

Program **Facility Renewals**

Project ID\* RVS0104

Name\* Boston Medical Center 

Location BLDG00A2 - Hospital 

Project Status Completed

Project Type New Construction

Category -- Select --

Status Approved

Currency Dollar (United States of America)

Target Budget \$0.00

Target Revenue \$0.00



Target Duration 0 UOM -- Sele

Target Start/Finish

Actual Start/Finish 2/11/2009 7/27/2009

Percent Complete 0.00%

Scope


**Navigator**


**Planning**


Record Type	Pending	Approved
Estimates	2	1
Initiatives	1	0
Online Bidding	6	12
Pre-bid	0	0
Procurement	2	3


**Engineering Forms**

Record Type	Pending	Approved
Action Items	1	0
Correspondence	2	0
Daily Reports	2	0
Drawing Lists	18	0
Drawing Sets	2	0
Meeting Minutes	6	1
Online Submittals	1	0
Punch Lists	5	1
<b>RFIs</b>	<b>4</b>	<b>7</b>
Safety Forms	0	2
Submittal Sets	5	1
Submittal Items	0	0
Transmittals	14	0
Accident Investigation	0	0
Executive Summary	1	0

**Schedule** 


Target: Projected: 1/5/2009 - 12/31/2009 

**Budget** 

Target: \$0.00  
Anticipated Cost: \$8,167,500.00 

**Custom Fields**

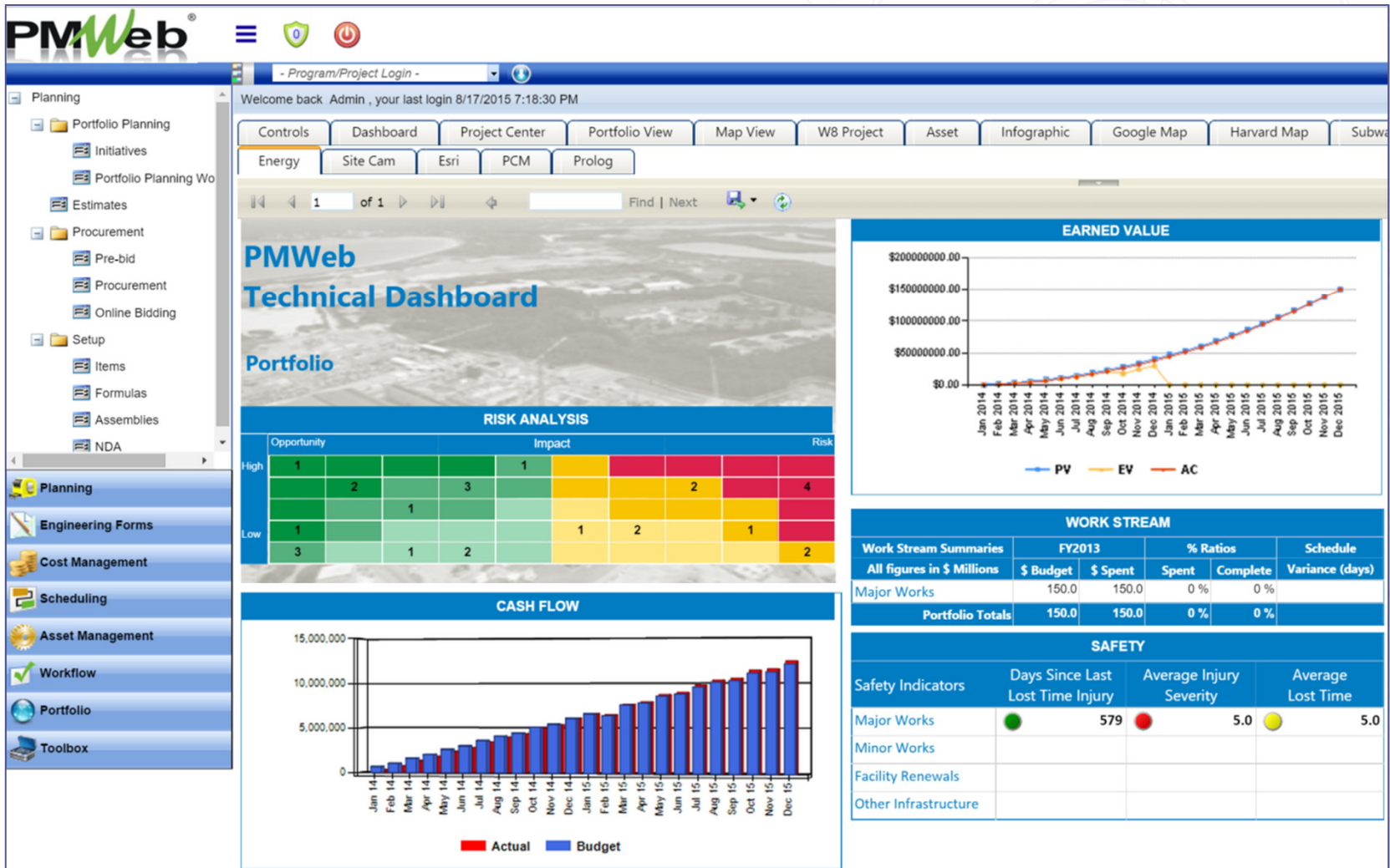
Proj Spec Regions Fields

 Edit

Spec	UOM	Data
Project time	year	
Client		
Project Manager		
CP Number		
RFC Manager		

# Is PMWeb a Contract Management Replacement?

## Dashboard



# Is PMWeb a Contract Management Replacement?

## Migration Issues

- PMWeb Dashboard “Viewer” can be linked to a PCM db
  - Provides access to view and report on PCM data from PMWeb
- PMWeb supports copy/paste from Excel on many screens
  - We exported PCM Logs to Excel and then pasted data into PMWeb
- PMWeb has an API to support script driven data movement
- PMWeb uses MS SQL database with dedicated environments
  - Programmers are able to directly load PCM data to PMWeb database
- Recommend using PMWeb Viewer for PCM historical data
  - Start New projects in PMWeb
  - Only migrate critical or early stage projects from PCM to PMWeb

# Is PMWeb a Contract Management Replacement?

## Primavera Contract Management Viewer (Dashboard)



# Is PMWeb a Contract Management Replacement?

Drill into a log, export as needed...

PMWeb

- Program/Project Login -

Welcome back Admin , your last login 8/17/2015 7:11:05 PM

Controls Dashboard Project Center Portfolio View Map View W8 Project Asset Infographic Google Map Harvard Map Subv

Energy Site Cam Esri PCM Prolog

1 of 2 Find | Next

PMWeb

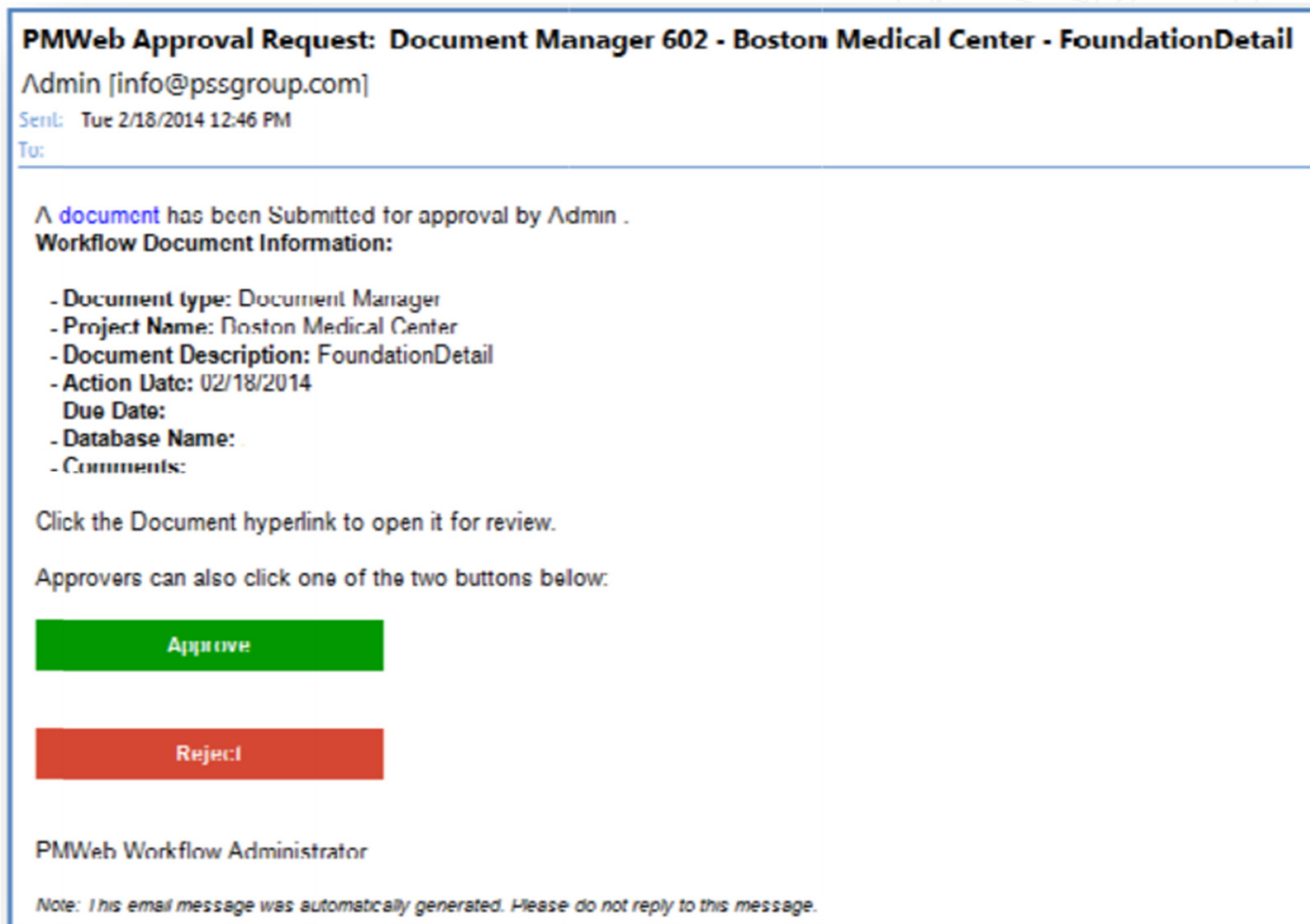
XML file with report data  
CSV (comma delimited)  
PDF  
MHTML (web archive)  
Excel  
TIFF file  
Word

**Submittals Report**

Project	School Addition-Automotive Center						Project Number		PRJAA450
Sub #	Description	Latest Review	Status	Date Received	Date Awarded	Required Start	Required Finish	Contract	
Sub. Package: -None									
01310-001	Post-bid information	1.0	Approved	8/14/2009	8/19/2009	8/14/2009	8/21/2009	AA450-00500-Price and Payment Procedures	
02200-001	Soil Treatment	1.0	Approved	9/3/2009	9/5/2009	9/5/2009	9/10/2009	9/7/2009 -	
03100-001	Formwork shop drawings	1.0	Approved	8/19/2009	8/23/2009	9/3/2009	8/19/2009	8/30/2009 -	
03100-002	Wall formwork	1.0	Approved	8/21/2009	8/23/2009	9/3/2009	8/19/2009	8/30/2009 -	
05100-001	Structural Steel	1.0	Not Applicable				11/15/2009	11/24/2009 -	
07200-001	Insulation	2.0	New Item				9/10/2009	9/21/2009 AA450-00800-Basic Thermal and Moisture Protection Materials	
08800-001	Glazed Facing Tiles	2.0	Approved	9/17/2009	9/17/2009	9/19/2009	9/21/2009	9/6/2009 -	
09900-001	Paint Submittal		UnSubmitted					-	
11000-001	Lockers		UnSubmitted					AA450-00009-Lockers, Identification, & Fire Extinguishers	
15600-001	Fan Coil Units		UnSubmitted					-	
geg			UnSubmitted				4/12/2010	4/13/2010 -	
<b>Total Number of Submittals :</b>		<b>11</b>							
Sub. Package: 02700-Earthwork							<b>11/1/2009</b>	<b>11/25/2009</b>	
02700-001	15" RCP Culvert Pipe	1.0	Approved	6/9/2009	6/23/2009	7/11/2009	7/11/2009	11/1/2009 11/25/2009 AA450-01000-Earthwork	

# Is PMWeb a Contract Management Replacement?

Users who receive emails with buttons can just click a button to take an action.



# Is PMWeb a Contract Management Replacement?

## Demonstration

- Navigation – similar to Outlook
- Dashboards – multiple, user defined
- Engineering Forms – built-in + user defined
- Workflows – visual workflow designer
- Email interaction
- Custom Forms – built in designer
- Cost Management – Funding, Budgets, Commitments...
- Document Manager

# Is PMWeb a Contract Management Replacement?

## Price Comparisons with PCM

- Show a comparison table for three different deployments
  - 25 users (8 internal, 2 executives, 15 external)
  - 50 users (20 internal, 5 executives, 25 external)
  - 100 users (50 internal, 10 executives, 40 external)
- An “Apples to Apples” comparison would not include modules not available in Contract Management
  - Document Manager
  - Visual Workflows
  - Scheduling
- “Oranges to Apples” gives us the functionality we’ve been waiting for at a very competitive price.

# Is PMWeb a Contract Management Replacement?

## Our conclusion and recommendation

- PMWeb is one of three recommendations we make
  - Primavera Unifier – larger, Oracle based enterprise deployments.
  - PMWeb – any size program or project where full functionality needed.
  - Continue to use Primavera Contract Management 14 until Oracle provides a migration path (Prime?).
- Migrate critical PCM data to PMWeb – use PMWeb Viewer
- Flexible enough to support multiple scenarios
  - Owner level Program/Portfolio with team and external access.
  - PM/CM multiple client (database) deployment with team and external access.
  - GC multiple client or “enterprise” deployment with team and external access.

# Upcoming Events



**2015**  
MOBILITY 21 SUMMIT  
**COMPETITIVE**  
**CALIFORNIA**

FRIDAY, AUGUST 28 | TITANIUM SPONSOR  
DISNEYLAND HOTEL | **PARSONS**

**2015 Mobility 21 Southern California Transportation Summit:**  
***Competitive California***

Friday, August 28, 2015  
8 a.m. to 4 p.m.  
Disneyland Hotel  
1150 Magic Way, Anaheim, CA 92802

<http://mobility21.com/2015summit/>

# Upcoming Events



<http://www.pmweb.com/pages/2015UC.aspx>

# Upcoming Events



<http://nationalconference.cmaanet.org/>

# Questions & Comments

- All questions are gathered into a master sheet, answered and distributed to all registrants as well as posted on our website.
- Answers are based on our own experiences using the various software products covered in this webinar.

## Thank you for participating

**Contact - [contact@drmcnatty.com](mailto:contact@drmcnatty.com)**

# DRMcNatty Monthly e-newsletter

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