#### **Expedite Payments**

Contract Manager facilitates the preparation and negotiation of monthly payment requisitions. It streamlines the process by consolidating contractor requisitions into monthly requisitions, dramatically improving the time required to prepare and submit the requisition for payment.

PRIMAVERA		-		B 1	ransmittal	Oueue(1)	Print	Search 0
	n-Automotive Cer	nter (DEMO)						Jul 27, 2007
Contract			Contract summery	Blane items		Eschedule	19 issues	Rettochiments
Select on action							e expand al	e collapse al
Tor		dard Paving and Cor Vesley	ncrete, Inc.				módres	4
Ptom <sup>2</sup>		E General Contract	ors				mddres	
Warder*	AA48	50-01000						
Dawa	Jun	1.2007	Same	Degree .		Earth	work.	
TarakGase	\$522	983.00						
Status - on Dr. miletard + New	Ser.							
Contract Summary								top of page
Original Contract/Pr0 Skim	\$522.98	3.00		Organ	Completion	DHN-	Jan 6	2008
Approyeto Chimpet	\$3.00	0.00						
Revined Connex Sur-	\$525.98	3.00		Barret	d Complete o	o.Omai	Jan T	7,2008
Actual to Date	\$128.00	0.00						
Belance	\$397,98	3,00						
> Changes								
> Insurance								
Payment Requisitions								
Generate								
	Number	Amount Centiled	Completed and Stor		Current Pe	vment Due	Centiled	Lobist
+ Aug 27, 2007 00003		\$67,500.00		\$203,000.00		\$67,500.00		Yes
<ul> <li>Jul 27, 2007 00002</li> <li>Jun 27, 2007 00001</li> </ul>		\$92,700.00 \$22,500.00		\$128,000.00		\$92,700.00 \$22,500.00		No
- HOMER CANAL MOUNT		\$22,500.00		12.000.00		PLL 200 10		THE .
Submittels								

Review contract payment to date, including work performed and changes to date.

#### **Tightly Integrated with ERP and Accounting Systems**

Organizations can extend the project and cost-control capabilities to existing systems with Contract Manager. Easily establish connections to existing enterprise applications, including ERP,

(ID Edwards<sup>®</sup>, Oracle<sup>®</sup> Projects and SAP<sup>®</sup>), accounting and estimating. Contract Manager comes complete with an XML API that enables organizations to create an integrated solution that best fits their requirements. Enter project data into the appropriate application and it will flow into your other systems.

### **About Primavera**

Primavera is the world's leading provider of project, resource and portfolio management software. Our industry-specific solutions help project-driven companies create a competitive advantage by making better portfolio investment decisions, improving governance, prioritizing project investments and resources, and delivering tangible results back to the business.

Projects totaling more than \$5 trillion in value have been managed with Primavera by more than 75,000 customers around the world. Our employees, global partners, award-winning customer support and professional services teams are deeply committed to helping organizations achieve their vision and strategy.

We encourage you to learn how Primavera can help you meet your project goals and business objectives. For greater detail on Primavera solutions and real-world customer successes, visit www.primavera.com today.



**PRIMAVERA**<sup>®</sup> Contract Manager

# **On-Schedule, On-Budget Completion Demands Complete Project Control**

Contract Manager is a document management, job cost and project controls solution that will increase construction project management efficiency and speed, while reducing schedule delays and risk. Built on a collaborative platform, Contract Manager alerts project controls professionals to new RFIs, questions answered, potential issues and changes.

By using Contract Manager, you will be confident in your ability to respond rapidly while providing an accurate history of events with the following controls:

- Integrated program management
- Powerful dashboards and reporting tool
- Document management
- Comprehensive change management
- Superior job cost management

## **Integrated Program Management**

As construction projects have become increasingly complex, engineering and construction project managers are facing more difficult challenges. Projects have more subcontractors, more issues and more owner requirements, plus liquidated damages and a host of other potential problems. In addition, competition for projects remains high. Many general contracting firms are still rebuilding backlog from the lean years and operating at record thin margins. And every contractor knows what an over-budget project can do to the company's bottom line. Given the financial impact of changes to plans or schedules, construction projects today simply don't have any room for error.

Primavera has the first and only integrated solution that brings together P6 and Contract Manager for complete project control. This scalable solution links people, teams and projects so you can manage every aspect of a project's lifecycle, from the planning stages to the final deadline. Since Primavera's solution is role-based, it gives everybody exactly the functionality they need to fit their particular job. With Primavera, you can be sure that everyone — employees and subcontractors — work toward the same goals: the success of the project.



#### www.primavera.com

### **AMERICAS HEADQUARTERS**

THREE BALA PLAZA WEST BALA CYNWYD, PA 19004 USA P. +1.610.667.8600 1.800.423.0245 F. +1.610.667.7894 info@primavera.com

INTERNATIONAL HEADQUARTERS

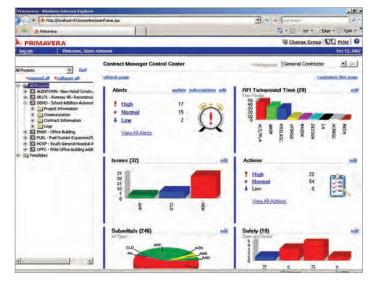
METRO BUILDING 1 BUTTERWICK LONDON W6 8DL, UK P +44 20 8563 5500 F. +44.20.8563.5533 intlinfo@primavera.com

Copyright © 2007 Primavera Technologies, Inc. All Rights Reserved. Primavera, the Primavera Sundial, Primavera Contract Manager, P6, P6 Primavera, Primavera Pertmaster, Pertmaster, and Primavera Inspire are trademarks red trademarks of Primavera Technologies. Inc. ProSight is a trademark or a registered trademark of Primavera ProSight Ltd. All other trademarks and registered trademarks are the property of their respective owners



# **Key Performance Indicators Accessed Through Dashboards** and Reporting

With Contract Manager, accurate and up-to-date information is always accessible. Primavera provides role-based dashboards with key performance indicators and powerful reports. Gain visibility early so you can prevent minor issues from becoming major problems. With a personal dashboard, you can view the latest project status and new issues and be alerted about potential problems. With two clicks, access project details necessary to make decisions and to keep projects on schedule. Use any of the 150 standard reports, or create your own, to track budgets, cost variances and project changes, and to analyze comparative trends and cause/effect among multiple projects.



Role-based dashboard displaying key performance indicators across multiple projects and programs.

## **Document Management**

### **Everyone is Accountable with Document Controls**

Primavera Contract Manager facilitates team interaction. Role-based views display action lists, alerts and turnaround graphs immediately identifying who is holding up the process, when each deliverable was required and if the delay will impact the budget or schedule. The Contract Manager Ball-in-Court (BIC) feature allows you to clearly see who needs to act next within the approval workflow process.

With hundreds of submittals in progress, it's easy to let one or even several slip. Contract Manager provides comprehensive tracking of every submittal to ensure appropriate action steps are taken, submittals are approved and contract-specified materials arrive on time and as ordered. Contract Manager provides real-time information so you can see where submittals are in the approval process — who is responsible for what and by when.

#### **Maintain Supporting Documentation**

The Drawings Log maintains and identifies drawings, specifications and other supporting documentation so you meet contractual requirements and ensure completion of your work. Tracking documents through the Drawings Log enables you to keep record of all revisions, who received what revisions and when. The Drawings Log also manages the distribution of drawings to make certain everyone has the latest drawings required to construct the building.

With Brava! 5.0 from Informative Graphics Corp., users can view and redline files that are attached to Contract Manager documents. Just click an icon to view latest documents, redlines, comments and annotations.

#### Accelerate Submittal Approval Times

Contract Manager accelerates design reviews and approvals and provides flexible workflow options for creating, sharing and reviewing submittals in real time.

imavera - Windows Internet Explorer		_10		
• Disulfication EUropative/Harthere.30		2 14 (8) (refuel) (2)		
or definarita		🖓 + 🗋 - M + La Baar + 🖾 Tgala + *		
PRIMAVERA		C Iransmittal.Quese AD Print Q Search		
log out School Addition Automotive	Center (DEMO)	Oct 12, 2007		
amtCrime i fatzeleti Laci- Rabmilital		Rathende Rateria Distant Datacaments		
Select en action.		In sectors 4 The best at 1		
Siburd*	02700-005	- Harden - Harden		
Tile	Storm Drain Type A			
- Diamining -	00005			
Compry				
Type				
Frequired lited Sep 3, 2007 Facquired Francis Sep 27, 2007	Hato 39 Elepted 187			
Lotest Plaview Cycles 2.0	Overside 15			
States - Jan Wesley + Newhark				
Workflow				
Received from Jan Wesley				
Steve Johnson (Siowite/Cooldway)				
*				
Set to <multiple reviewers=""></multiple>				
Funand in <multiple reviewers=""></multiple>				
Steve Johnson (Subwittel Countries	w)			
+				
Forwarden to Jim Wesley				
Review Cycles (Lenners 2.0 BIC a dro Wesley)				
Add 2.0 1.0				
Revenue Luche	20 Dates			
Diwerrante-	Storm Dran Type A			
Reported	in .	Jim Wesley		

Track and record workflow distribution of design reviews, key deliverables, specifications and shop drawings. Identify days elapsed, days overdue and who is responsible

#### Accelerate RFI Turnaround Time

Documenting and managing changes are critical to successful projects. Contract Manager organizes potential issues and provides project team members an opportunity to collaborate on the RFI, propose solutions and communicate the final answer.

innevera - Windows Internet Explorer			* 14 X		-181
Contraction of the second s	101				
97 @fmans				e 🗆 - Marine Marine e 🖓 A	
PRIMAVERA			B Iransmittal	Conve 100 Print 9 Search	
	sendine Center (IKINO)			Oct	12,200
nuCron ( Branni Lat)			<b>B</b> .	thethe Pature Datas	americ
equest for Information				- special - of	
	ACME General Contractors			* separate * on	-
fa*	Steve Johnson				
Run?	Philadelphia County Michael Shill				
Thirdar"	00006				
Cast	Aug 17, 2007				
Tm	Additional Parking Required				
Status - Stree arread + lines					
Duestion					
Work Highor	Yes-Work Impedied				
Passor for Receipt III Month Mon					
Quarters				Edit Question	1.1
	se ratio as regarding the additional cost and schedule implet			Print Manager	-
Contraction of the second second second					-
					-1
Greater Signed 21	Steve Johnson				
Dam	Sep 14, 2007				
Reisared Dew	Aug 24, 2007				
Guaranteri Davahamov					
AND DEPITION OF THE OWNER.					
Add Copy Distribution for	Manuer .				
- Destributed To	Context	Dete	Barreniks,		
M A&S Supply	Sue Johnson	Oct 12 2007		delana	
Adams Mesons	Grieg Fax	Oct 12, 2687		deline	

Use RFIs to solicit additional information or clarify some aspect of the project. Quickly identify impact to project, potential cost and schedule delays and distribute to contractors impacted.

#### Master the Issues

It happens in every job. A problem, a misunderstanding, a difference of opinion is discussed, reviewed and debated and eventually spans an incredible number of people, documents and weeks of involvement. With Issues Management, no issue goes unresolved or unrecorded. Contract Manager ties documents together to create an electronic file, compiling what happened and when it happened, and enabling the project team to maintain an accurate history of events.

	Armania						B+D-8+	
4	RIMAVERA					G Inter	smittel Queue ATE P	rint Q. Search
1.92	out .	School Addition Automotive Center	(DEMO)					Oct 12, 2
	Canal A						All Issues By Co	
ssta								
	tion action	Eat	-				4 112	and all . Sollapin
-	Notzal	(Kalt in Court) Title	SHAN	Piotev	Opened	Bell in Court		
1	- 00001	Underground UNM/Insue-	Approved	Nomel	Feb 28, 2007	ACME General Contractors	E-Mai Form	
R	= 00004	Plock in Trenchard	Faller State	High	A4 11 2007	ACME Gammel Commercions	E-Mai Form	1
2	- 0000	Additional Parking	Albert Bert	Harmed	Aug 17 2007	ACKE General Contractors	EMalForm	1
TH I	- 60007	Inappropriate Concrete Max	And and American	righ	Sep 12 2007	ACME General Contractory	E-Mai Form	1
_			(repaired)	rage	54012 2001	ALME General Contractory	IC wei rom	
De	ign Group (Ball in Dour Namber:	Tite	Shite	Planty	Opened	Ball in Court		
11		Gleaved Feloring Tile	Approved	Low	Mar 23, 2007	Danigs Group	Send to Cor Sent	-
THE OWNER	- 00003	Beck Salathove	Nam Bern	Line	Arr 20, 2007	Design Group	Send to Corr Sent	1 4
-		Contraction of the second s	Trade terre	1.08		Caniforcials	I serd to con cere	221
100	Number	Title	Data	Phoney	Opened	Ball in Court		
16	- 00005	Plugging Weter Line	Approved	Normal	Aug 28, 2007	Michenical Contractors	Send to Mbox	-
-			Abbroad	Homa	well the coort	MUNING CONSIDER	The of the second	95
012	Number	The	Shites	Ptionty	Opened	Bell in Court		
W.	- 10000	Tige Removal	Cosed	Low	Aug 11 2007	Philedelphie Courty	Send to Hook	
_	men Industrials (Dall a				- agent ben	The second se	(and dress	-
Elli	Namen	This	State	Provity	Opened	Ballin Chart	_	
R	× 00005	Rapin	Trips Barry	High	Ad 27, 2007	Stesson Industriali	Rend to Moox	1
	C Breeze							

Link several documents of any type, such as a submittal, daily report, RFI or even attached files, to gather relevant documents related to a topic that led to a formal change order, such as an RFI.

## **Comprehensive Change** Management

Nothing is as predictable as changes occurring throughout a construction project. Tracking, documenting, negotiating, getting paid and making payments for changes are also part of the job.

#### **Change Management Workflow Processing**

Controlling changes involves notifying and coordinating affected project participants as well as containing costs and the schedule for the project. Contract Manager provides an overview of each change from the estimate phase to final approval for both budgeted and committed costs. Since the change process in a project differs according to the nature of the change and the company's process for recording and tracking changes, the Change Management module enables you to create a customized workflow to meet your company's change management needs.

Contract Manager gives you a better way to track the change process, create supporting documentation and analyze the financial and schedule impact a change may have at any stage in the negotiation process.

😋 🗟 🔹 🖄 May JAcahers #Steiger#	reprint/ane.co			• • × Freedow	
4 4 de Frindants				B+E	
PRIMAVERA				Transmittel Osean ADD P	trint 4 Sea
• ing out School	Addition Automotive Center (DEMO)			A CONTRACT OF AN	0ct
Land Carriel Countries and Inc.				Barrens Barranets	Wannes
Change Management					
Seed in action.	00002			* 15	and it so
Deed					
Tile	Jul 7, 2007 Underground Ut				
- Com	Underground Of	ators			
Phote	Extremened Cost	Quoted Cost	Negotiered Cost	Finel Cost	Project
Budgeted Committed	4000.000 \$4.000.00 (1 of 1)	3300.000 \$2.000.00 (7 ci 1)	40.00	3300.000 (1 =(1)	1
- States - Chel Allanges + Adverse		artisteries (Ligel)	Ferne.	27000100 (1 01 I)	
- Budget					
- Commitments	1000				
Add Maltiple 1			T mid /mmiddle Conver		downing the Build
Include ContractPO		Estimated (PIPP) Cost Time Date	Duoted (COR) Cost Time Date	Negotiated (PRO) Cost Time	Dete Pi
D + - Denderd F	evend and Concrete, mc. (AA-650-01090)	- \$400700 10 Jul 18 200	7 = \$1.000.00 1 Jui 18.20		1
100	Total Included:	\$4,000.00	\$3,000.00	\$0.00	\$3
4			and the second se		
Remarks					
	lange in condition regarding underground utilities af	colume Gill & G11. We have stopped excevative	at this location-due to underground storm due	utilities adjacent to the building and set w	saling for a tencilat
	utilities outside the building percentes. Parase provi		The second second second		
the summer of the set distance	the second second burner i setter bur				
· Documents by Phase					
- Details					
FileschilteCologe	Errors and Omit	isions			_
Rogal	Out of Scope-				
Comment Name	al a day of the				
1000000					

Capture, record and document the entire change process, including parties involved, schedule delays and costs from initial estimate to approved change.

# **Superior Job Cost Management**

Analyze budgets and funding, review commitment documents and record requisitions and invoices as they are received. The Cost Worksheet automatically collects and summarizes detailed cost elements from contracts, requisitions, changes and purchase orders and dynamically displays them so you can forecast project costs and simplify contract control

	d. Rt. Amportine InterNation Jug-					A CONTRACTOR	4
· Arnews	[.]				-	10-11-A	T - Enge + - Ipole
					0	mamiltal Osean 100	
PRIMAVERA	School Addition Automotive Center (D				13 In	maniffal Quese   ALL	Det 52.2
koj cet	School Address Automotive County (1	64803					06112,2
maximum a						CSI Code	3 -1
	(Risplayed in U.S. dellar)					Limenta Col Cose	(d)
Gelect en action. *	Trank (), () + (Prime	- 1 Z J (Hestaul Lad)	End				erpand all e collopsy
GI (D1 : General Constru	ction Requirements)						
Cost Divise	Tite	Deces Textus / Dec	Plan at Plan	Property Lines.	Countries Containing of	Panding Commitment	Projected Committee
Subtotals:		\$1,515,508.00	\$0.90	\$1,516,500.00	\$576,775.88	\$0.00	1575,775
02 (02 : Sitework)	a a la	State of the local division in which the local division in the loc	_		and the second second		and the second second
Cost Code	Title	Travel Guyar Pro-	10-17	France Bullet	Original Commission	Panding Commission	Projected Dominiky
S - 62.62558.D	Basic Sto Materials	\$121,000,00	\$0.69	\$121,000.00	\$8.00	\$1,00	\$0
10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (	Site Remediator	\$150,000,00	30.00	\$758.000.00	\$9.50	\$0.50	
M - 02.02100.5	Exce-stor	\$75,000,00	98.00	\$75.000.00	\$0.00	\$5.500.00	\$5.500
1 - 12.02110 S	Sile Remediation Supervision	\$26,000.00	50.00	\$26,000,00	-\$9.00	40.00	50
M - 02.02200 S	Site Preparation	\$45,000.00	90.00	848.000.00	-\$0.00	\$0.00	\$0
RA + 62 62360 S	Earthwork & Landscaping	\$250,000.00	\$0.00	8258 000 00	-10.00	40.00	10
1 12 12 12 12 100 S	Ulilly Services	\$105,000.00	9-6.200.00	\$98,700.00	\$9.00.	#1.90	13,000
M = 02.02700.5	Bases and Paving	\$65,500.00	\$1,000.00	\$74500.00	10.00	\$7.000.00	\$7.000
10 - 02.02950 D	Site Pestoration & Perhabilitation	\$120,000.00	30.00	\$128,000.00	\$1-00.000.00	10.00	17 00,000
Cost Code	Tite	Ormal Property State	Daniel Parameter	Property Lines	Distantial Concentration	Panding Convertment	Designation Conversion
Subtotals:		\$951,500.00	\$1,709.90	\$953,200.00	\$100,000.00	\$12,500.00	
03 (03 : Concrete)							
Cost Code	Title Cast-in-Place Concrete					Panding Commitment	
B + 01.03200.5	destructioned advances	\$1.755.500.50	90,00	81.768.000.00	\$1,756,608,80	\$0,00	\$1,736,600
N - (1111402)	Precest Concrete		\$1.00	\$35,000.00	\$31,509.00	10,00	\$31,500
Dost Code	Title		U.L. PROVIDE	Trainwood Votering	Original Committeet	Panding Commitment	
Subtotals:		\$1,798.008.00	\$9.90	\$1,794,000.00	\$1,768,109.00	\$0.00	\$1,768,100
D4 (D4 : Masonry) Cost Code	Trie		10		Party and Party and Party	A	Concerning Street and
Sent Code	Masony Units	\$135.000.00	10 III III	\$835.000.00	\$813 153.00	Panding Commitment	
B - SHELTRE-OT	ParRoot	\$6.55,000,00	\$0.00	\$0.00	\$9.00	\$0.00	1012.150
Log Totals:	rende	\$10,100,000.08	\$33,150.00	\$10,138,500.00	\$8.033.685.88	\$18,000.00	\$8,090,545

Create cost worksheet layouts to group and organize job cost information for quick reports and analytics.

### Subcontractor Management and Control

The contracts module improves contractor, vendor and supplier management. Contract managers can create, manage and understand the status of a contract and contractor performance in one simple view. Verify that contractor's insurance is current, submissions were delivered as specified and payment requisitions have been submitted.

Primavera - Windows Initemet Explorer						10
<ul> <li>2 Mouthination RE/experiments</li> </ul>	untimeter			1	A length	UR.
de de Atmanente					G. D. C. M. A.	Si Bage + U Tgoll +
PRIMAVERA				E Irense	ittal Quese QU Pr	tint Q. Search
log out School Add	Stion Automotive Center (DE)	#C1				Oct 12, 78
Date (Destin ) Property Responses (July 1					colectures Ø a	100
Requisition			Contra	of manually		
Select én Action. • ==		Televis and set of			* 110	section . In less
Pian;*	Standa Jim We	rd Paving and Concrete. Inc siles:				
*0*10	Aug 23	2007				
Approximation (	00003					
Status - Time Juman ! Hee Cartin	ed .					
Contract Summary						top of an
Organic Contractific Elimit	\$522,983	.00	Const.	and the local diversion of the local diversio	Jan	6.2008
Augment Dataget	\$3,000	00				
Para strands	\$525.983	00	(Byyman, Circ	manion Damy	Jan	7, 2008
-Accessible Citalog	\$128.000	.00 .				
Division	\$397,985	00				
~ Chasges						
Exitate Ehings Managemen						
246 * • Additional Parking Require • Book in Transfers (0000), 5 • Underground Unities (0000)	64 (08001 Aug 18 2007) O Sep 5 2007) O	tange Order Request = Additor tange Order = Pack in	Megenneti MI Pohing Resured (20005, Aug 17, 2007) Trenches (20003, Jul 11, 2007) cound Lifetimes (20002, Jul 7, 2007)	Aug 18, 2007 Sep 5, 2007 Jul 26, 2007	Jul 26, 2008	s),000.60
-	Grid Totals:					\$3,000.00
al	und fundit.					
<ul> <li>Insurance</li> </ul>						
Citerate						
	aton Number	Amount Centhed	Completed and Stored to Date	Garnert Page		
<ul> <li>- Aug. 27, 2003</li> <li>- Aug. 27, 2003</li> <li>- Aug. 27, 2003</li> <li>- Aug. 27, 2003</li> <li>- O0002</li> </ul>		\$67,509.00 \$92,700.00	\$203,000,00 \$126,000,00		\$67,500.00 Nor \$92,700.00 Yes	Yes.
+ Jun 27, 2007 00001		\$22,500,00	\$25,000.00		\$22,500.00 Vec	No

Understand all details about a contract, including approval status, payments and changes to dates, insurance compliance and submittal reviews.

1941 \* 1 1948 \* 1 nch | O 1 12, 2007 Ted Cost 13,300,00