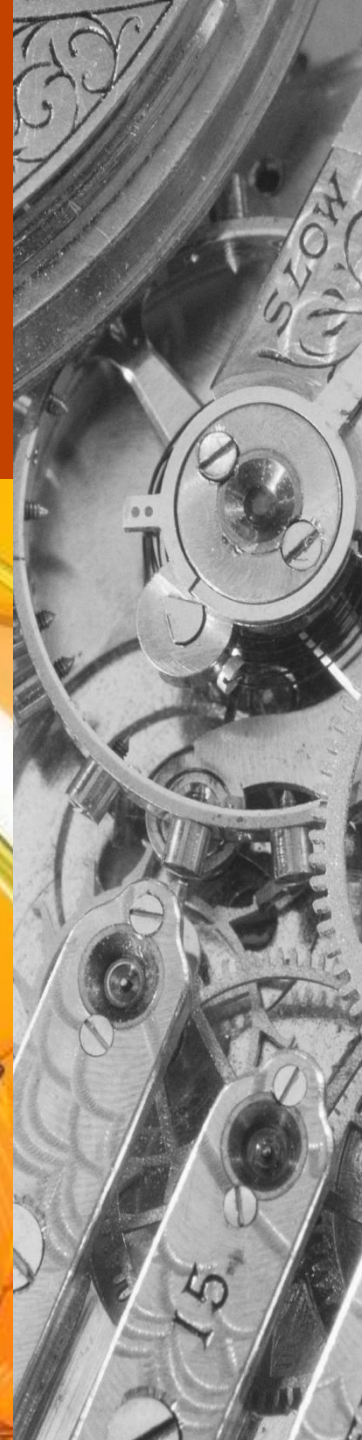


Stop the madness of multiple Timesheet entry

Oracle Projects, Primavera & HMS TimeControl:
A single timecard solution

By: Pat Bowyer & Chris Vandersluis



About the Presenters

Pat Bowyer is the president of the Projects/Applications Resources Group, Inc., a firm that specializes in the implementation of the Oracle Projects and EBS suite.

Pat has 15+ years of experience with the Oracle Projects & Financials modules, including 10+ years working as Projects Subject Matter Expert for Oracle.



Chris Vandersluis is the president of HMS software, a specialist in enterprise timesheet and enterprise project management systems since 1984 and the publishers of TimeControl. HMS has been a technology partner with Primavera since 1997.

Chris has over a quarter century of experience deploying enterprise project systems and has been published in FORTUNE magazine, PMI's PMNetwork and the American Management Association's "Handbook of Project Management"





Problem

- You're using Oracle Projects and Primavera P3/P6
 - ❑ You need time tracking for labor job costing and possible payroll and HR
 - ❑ You also need time tracking for task progress in the project schedule

What do you do for a timesheet?

Why not use Oracle Time and Labor?

ORACLE
Time

Return to Portal Logout Preferences Personalize Region

Time Expenses

Time Entry Timecard Search Templates Preference Create Timecard

[Personalize Recent Timecards](#)
[Personalize Timecard Container](#)

Timecard Information: Employee, Mr. Nitin, 1103

Enter your time below for the selected timecard period. Click Save for Later to save without submitting your timecard. Click Review to review, then submit your timecard data

Period Go Comments

Template Go

Hours Type	Cost Center	Mon, May 16	Tue, May 17	Wed, May 18	Thu, May 19	Fri, May 20	Sat, May 21	Sun, May 22
		Start <input type="text"/>	Start <input type="text"/>	Start <input type="text"/>	Start <input type="text"/>	Start <input type="text"/>	Start <input type="text"/>	Start <input type="text"/>
		Stop <input type="text"/>	Stop <input type="text"/>	Stop <input type="text"/>	Stop <input type="text"/>	Stop <input type="text"/>	Stop <input type="text"/>	Stop <input type="text"/>
		Hrs <input type="text"/>	Hrs <input type="text"/>	Hrs <input type="text"/>	Hrs <input type="text"/>	Hrs <input type="text"/>	Hrs <input type="text"/>	Hrs <input type="text"/>
		Calculate						
		0	0	0	0	0	0	0
		Template Name <input type="text"/>						
		Save As A Template						

Weekly Overtime
Sunday Premium

Save For Later

Cancel Review

Time | Expenses | Return to Portal | Logout | Preferences | Personalize Region

Why not use Oracle Time and Labor?


Oracle Projects



Primavera



Why not use Progress Reporter?



Primavera P6 Progress Reporter [admin]

File Action View Help

Timesheets

Timesheet Period: 03-May-2010 - 09-May-2010 Timesheet Status: Active

Activity Name	Activity ID	Project ID	Role ID	Mon 03-May	Tue 04-May	Wed 05-May	Thu 06-May	Fri 07-May	Sat 08-May	Total Hours
Install the s...	A1380	Ship-Sys	SD-1			2.00				2.00
Perform co...	A1680	Ship-Sys	PM		3.00	6.00				9.00
PR Test A	A1000	PRTest		8.00	5.00	3.00				16.00
Totals				8.00	8.00	11.00				27.00

General Resources Steps Notebook Relationships WPs & Docs

Assigned Resources for activity PR Test A

Resource	Remaining ...	Role ID	Primary	Resource ...	Start	Finish
John Sanford	100%		Yes	Labor	05-May-20...	18-Jun-201...

Resource Name: John Sanford

Planned Units: 33d 0h

Prior Actual Units: 0d 0h

Remaining Units: 33d 0h

New Remaining Units:

Completed:

Details ...

Why not use Progress Reporter?



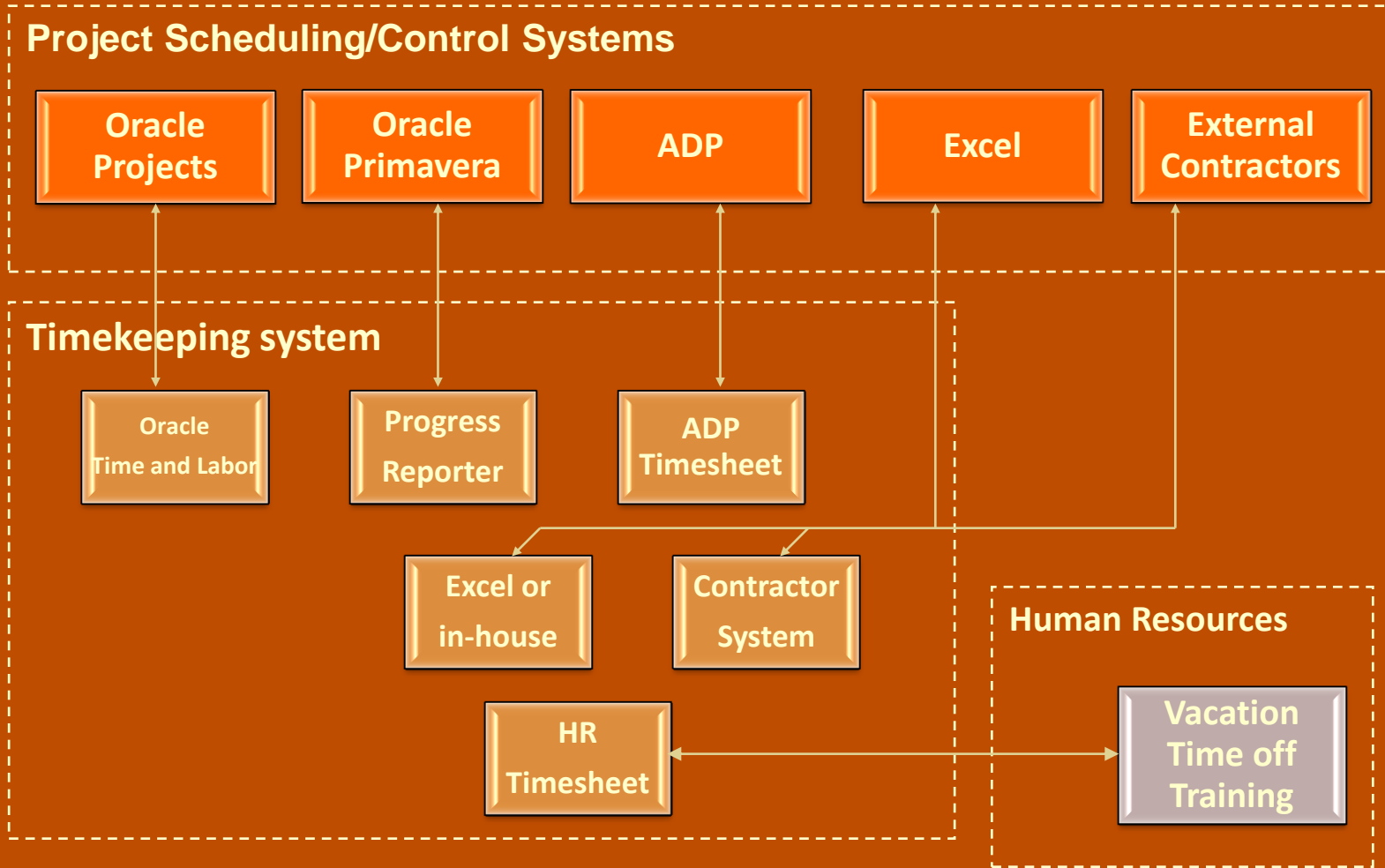
The summary/detail problem is solved but we are missing financial controls like payroll rules, multiple rates and matrix approvals



Problem

- Problem is worse when we have other internal systems:
 - ❑ ADP, Payroll, HR tracking, multiple systems, multiple versions
 - ❑ Companies with multiple project management and tracking solutions end up with multiple timecard entry systems

The most common solution?





The costs?

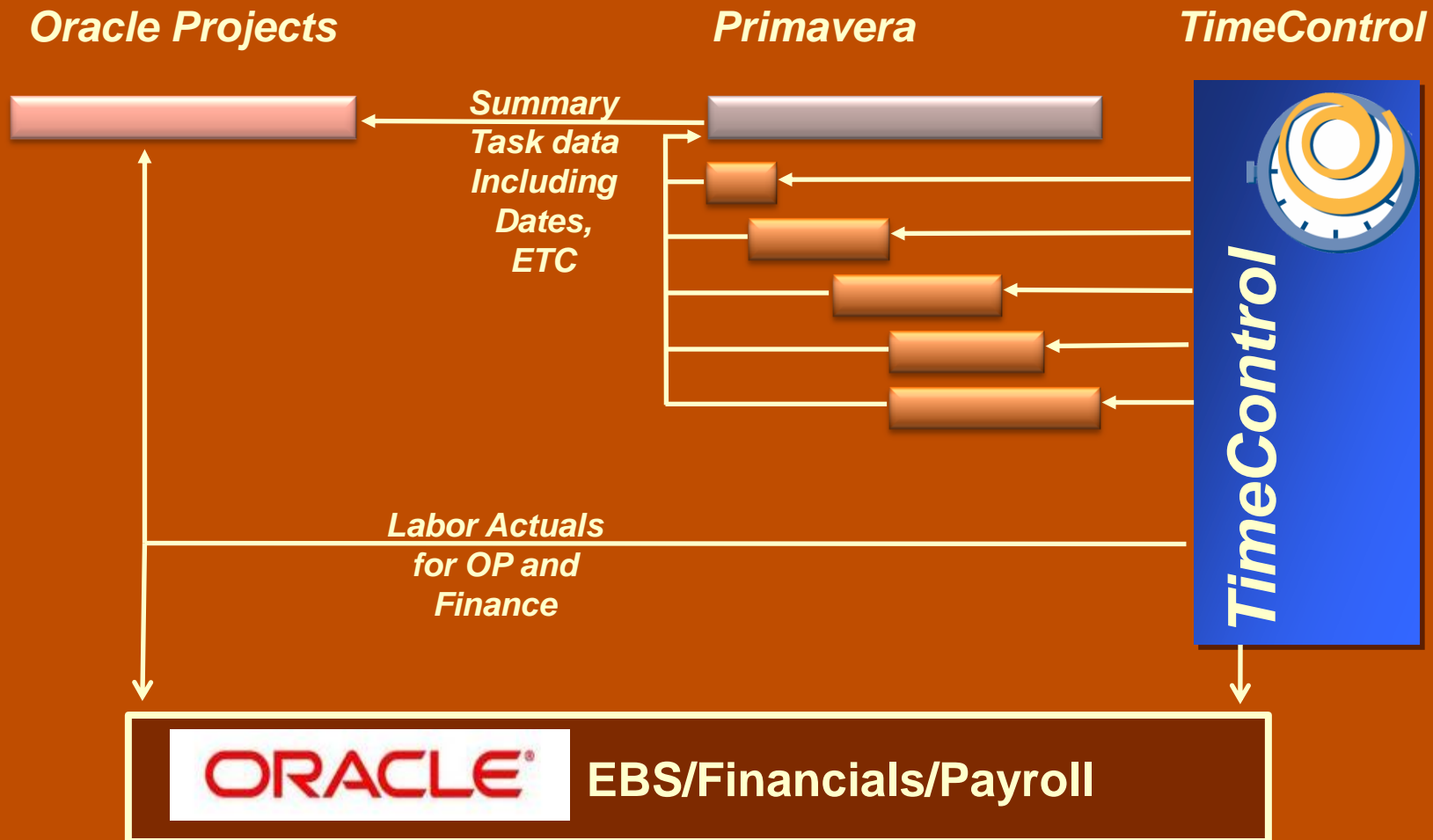
- Project time and Finance time do not match
- Reconciliation, even if possible, is:
 - ❑ Costly
 - ❑ time-consuming and
 - ❑ prone to risks during audit
- Staff must enter time more than once
- Maintaining multiple systems means more work and costs for IT




How can we stop the madness?

- How do we get “One version of the truth?”
- What would we need to solve this dilemma?
 - ❑ Financial controls in the detailed timesheet:
 - ❖ Automated Validation/Business/Payroll rules
 - ❖ Multiple rates
 - ❖ Matrix approvals
 - ❖ Coding to allow the same time record to be coded for HR, Payroll, Project Schedule, Project Costs and Finance
 - ❖ Multiple system links for disparate systems

Why TimeControl?



TimeControl timesheet entry



Timesheet Entry - Windows Internet Explorer

http://localhost:81/Application/Timesheet/TimesheetEntry.aspx?mnu=93&st=TIMESHEET&ts=ACTIVE&tk=63

TimeControl® Amy Marlin [Dashboard](#) [My Account](#) [Logout](#) [Help](#)

Home **Timesheet** Reports Tools Documentation

Navigation: List, Entry, Batch release, Drill Down Analyzer, Time Requests

Screen Actions: Previous, Next, Timesheet, Debit/Credit, Delete, Release, Reject, Print

Entry

Employee Information
Employee: Marlin, Amy
Resource: Engineer

Timesheet Information
Period: 2/12/2011 - 2/18/2011
Timesheet Status: DRAFT
Timesheet Header Owner: Amy Marlin
Timesheet Header Source: Amy Marlin
Last Owner: --
releasing to: Tom Logan

Insert Append Copy Delete Options Timesheet Notes Worksheet

+/-	<input type="checkbox"/>		Project Name	Charge Code	Charge Description	Rate Code	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	Total	ETC
⊕	<input type="checkbox"/>		EC00610	EC00610.2.4.EC2410	Final Inspections and Punchlist	S-AMYM	6h	6h	4h	4h	4h	0h	0h	24h	40
⊕	<input type="checkbox"/>		EC00610	EC00610.5.EC1810	Fab & Delivery	S-AMYM	0h	0h	2h	2h	4h	0h	0h	8h	
⊕	<input type="checkbox"/>		INTERNAL	INTERNAL.MEETINGS	General Meetings	S-AMYM	2h	2h	2h	2h	0h	0h	0h	8h	

8h 8h 8h 8h 8h 0h 0h 40h

Done Local intranet | Protected Mode: Off 100%

TimeControl Rates

The screenshot displays the TimeControl web application interface. The browser title is "TimeControl - Windows Internet Explorer" and the address bar shows the URL: `http://localhost:81/Application/ActiveX/ActiveX.aspx?mnu=22&st=TABLES`. The user is identified as "Joseph Gardner" with links for "Dashboard", "My Account", "Logout", and "Help".

The main navigation menu includes: Home, Timesheet, Reports, **Tables**, Links, Tools, Administrator, and Documentation. The "Tables" menu is expanded, showing options: Resource, Labor Rates, Charge, Employee, Project, Reports, User, WBS, and Connection Pool.

The "Labor Rates" section is active, showing a list of rates and a detailed view for the selected rate "S-AMYM".

Labor Rates List:

Rate Code	Rate Description
STANDARD	Standard Rate
S-TOML	Standard Rate for Tom Logan
S-SALLYT	Standard Rate for Sally Thompson
S-ROBERT	Standard Rate for Robert Eglington
S-JOHNW	Standard Rate for John Walker
S-JOEG	Standard Rate for Joseph Gardner
S-JANEC	Standard Rate for Jane Carpenter
S-GALLR	Standard Rate for Gall Robinson
S-ERICV	Standard Rate for Eric Vincent
S-DIANAJ	Standard Rate for Diana Jacob
S-DAVIDT	Standard Rate for David Taylor
S-CHRISP	Standard Rate for Chris Peters
S-BARBD	Standard Rate for Barbara Donovan
S-AMYM	Standard Rate for Amy Marlin
S-ALEXL	Standard Rate for Alex Lang
NONBILL	Non Billable
BANK	Deposit into banked time

Rate Details for S-AMYM:

Rate Identification:
Rate Code: S-AMYM
Description: Standard Rate for Amy Marlin

Rate Information:
Rate 1 Value: 62.25
Rate 2 Value: 90.5
Rate 3 Value: 78.5
Rate 4 Value:
Rate 5 Value:
Rate 6 Value:
Rate 7 Value:
Rate 8 Value:
Rate 9 Value:
Rate Type: Global

Assigned Employee:
Assigned Resource:



How would it work?

- Links to OPDirect link through API to Transaction Interface Table
 - ❑ Or indirect link via CSV file
 - ❑ List of columns required



How would it work

- Linking to Primavera
 - ❑ Hours by employee or any summary resource code
 - ❑ Optionally ETC
 - ❑ Optionally Steps
 - ❑ Optionally costed
 - ❑ Optionally to Financial Period tables for EV reporting

Linking TimeControl to Primavera

The screenshot displays the Primavera software interface with the 'Transfer Options' dialog box open. The dialog box is divided into several sections for configuring data transfer settings.

Project Details:

- Link Interface: P3E Connection
- Link Type: Import/Export
- Skip milestones when importing

General Options:

- Project Name/File: AB-TAB

Import Options:

- Link Configuration
 - Activity Progress As: Hours
 - Resource Hours As: Hours
 - Hours per Day: [Spinner]
- Date Transfer Options
 - Date work performed
 - Week Ending Date
- Add Resource Options
 - Add budget equal to zero
 - Add budget equal to actuals
- Resource Assignment Options
 - Ignore resources not assigned to tasks
 - Add resources not assigned to tasks
- Rate
 - Rate 1
 - Rate 2
- Data Options
 - Transfer Resource Actual Hours
 - Transfer Resource Actual Cost
 - Transfer Resource Expenses
 - Transfer Resource ETC
 - Transfer Activity ETC
 - Transfer Primavera Activity Steps
 - Transfer to Financial Periods

The status bar at the bottom shows 'Done.' and 'Modified'.

Linking TimeControl to Primavera

Primavera : EC00610 (Harbor Point Assisted Living)

File Edit View Project Enterprise Tools Admin Help

Activities

Layout: Classic WBS Layout Filter: All Activities

Activity ID	WBS	Activity Name	Original Duration	Actual Labor Units
Foundation			60	0
Building 1			215	24
Site Preparation			0	0
Scaffolding			0	0
Materials Delivery			0	0
Fabrication			215	24
EC2000	EC00610.2.4	Unit Finishes Building North - Floor 1	10	0
EC2030	EC00610.2.4	Unit Finishes Building South - Floor 1	15	0
EC2040	EC00610.2.4	Building 1 Elevators Complete	10	0
EC2070	EC00610.2.4	Unit Finishes Building North - Floor 2	15	0
EC2120	EC00610.2.4	Unit Finishes Building South - Floor 2	10	0
EC2150	EC00610.2.4	Unit Finishes Building North - Floor 3	10	0
EC2170	EC00610.2.4	Unit Finishes Building South - Floor 3	10	0
EC2330	EC00610.2.4	Courtyard Walks and Amenities	5	0
EC2410	EC00610.2.4	Final Inspections and Punchlist	60	24
Building 2			0	0
Building 3			0	0

General Status Resources Relationships Codes Notebook Steps Feedback WPs & Docs Expenses Summary

Activity: EC2410 Final Inspections and Punchlist Project: EC00610

Resource ID Name	Curve	Cost Account	Remaining Units / Time	Price / Unit	Budgeted Units	Actual This Period Units	Actual Units	Completion Units
Amy Marlin, Amy Miner			8/d	\$0/h	480	24	24	64

Add Resource Add Role Assign by Role Remove

Portfolio: All Projects User: admin Data Date: 03-Oct-10 Access Mode: Shared Baseline: Current Project

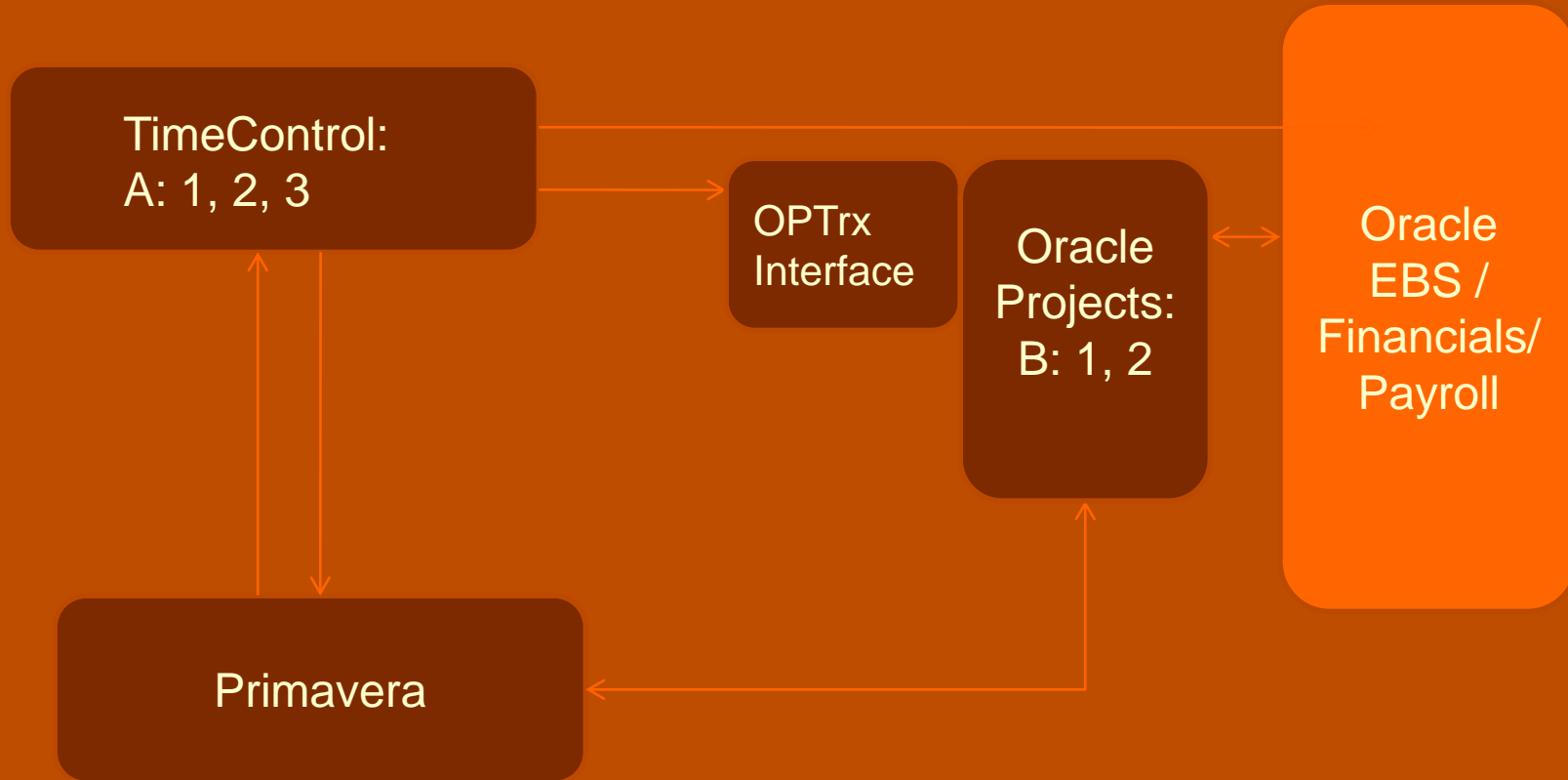


How would it work

➤ Linking to OP

- ❑ How would the interface work?
- ❑ Option: pre-approve or re-approve?
- ❑ Option: costed/uncosted?
- ❑ Option: unlimited User Defined TimeControl fields
- ❑ Data required: Date a Poet

The Process



A1) Progress & labor cost to Primavera
A2) Timecards to OP as Costed
A3) Time to payroll

B1) Cost Distribution to G/L
B2) Project data bi-directional Oracle
Projects and Primavera

Date a Poet : Expenditures

The screenshot displays the Oracle Navigator interface for 'Project Billing Super User: Vision Project Mfg (USD)'. The main window is titled 'Expenditures - EMPIMEWKENDINGFEB20'. It features a summary table and a detailed 'Expenditure Items' table.

Employee Name	Employee Number	Organization	Expend Ending Date	Control Total	Running Total	[]
amy, Mrs. marlin	1869	Vision Project Manufa	20-FEB-2011		32	

Batch Control Total: Batch Running Total: 32

Expenditure Items

Expend Item Date	Project Number	Task Number	Expend Type	Assignment Name	Work Type	UOM	Quantity	Comment
14-FEB-2011	EC00610	2.4.EC2410	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	6	
15-FEB-2011	EC00610	2.4.EC2410	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	6	
16-FEB-2011	EC00610	2.4.EC2410	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	4	
17-FEB-2011	EC00610	2.4.EC2410	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	4	
18-FEB-2011	EC00610	2.4.EC2410	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	4	
16-FEB-2011	EC00610	5.EC1810	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	2	
17-FEB-2011	EC00610	5.EC1810	ENGINEER HO	Unscheduled	Commercial Cu:	Hours	2	

Reverse Original...

Cannot add new Expenditure Items as the Expenditure Batch is not in Working Status!

Date: – Transaction/Expenditure Item Date

P: Project O: Organization E: Expenditure type T: Task

Project Data in Oracle Projects

Tasks - Windows Internet Explorer

http://host.ank2.com:8000/OA_HTML/OA.jsp?_rc=PA_TASK_LIST_LAYOUT&_ri=275&language_code=US&OAFMID=1004787&searchType=customize&fwkQBSear

File Edit View Favorites Tools Help

Google Search

Tasks

Personalize Stack Layout: (PaNestedRegion1)

Tasks you are assigned to as Task Manager are displayed here.

Views

View: TASKVIEW [Go] [Personalize]

Select Task(s): * Update Progress [Go]

Select	Project	Task	As of Date	Progress Status	% Complete	Physical	Task Status	Priority	Progress Publication Status	Progress Overview	Estimated Start	Estimated Finish	Actual Start	Actual Finish	Scheduled Start	Scheduled Finish	Baseline Start	Baseline Finish	Planned Effort	Planned Work Quantity	Actual Work Since Last Progress To
<input type="radio"/>	Harbor Point Assisted Living (EC00610)	Inspections&punchlist (2.4.EC2410)					In Progress								24-Feb-2011	24-Feb-2011	24-Feb-2011	24-Feb-2011			
<input type="radio"/>	Harbor Point Assisted Living (EC00610)	Fab&Delivery (5.EC1810)					In Progress								24-Feb-2011	24-Feb-2011	24-Feb-2011	24-Feb-2011			

Diagnostics Home Logout Preferences Help Personalize Page

About this Page Privacy Statement

Copyright (c) 2006, Oracle. All rights reserved.

Internet | Protected Mode: On 100%

Project Data in Oracle Projects

Tasks - Windows Internet Explorer

http://host.ank2.com:8000/OA_HTML/OA.jsp?_rc=PA_TASK_LIST_LAYOUT&_ri=275&language_code=US&OAFMID=1004787&searchType=customize&fwkQBSear

File Edit View Favorites Tools Help

Google Search Share Check Translate AutoFill Sign In

Tasks

Actual Work Quantity Since Last	Actual Work Quantity To Date	Actual Work Base % Complete	Rolled Up Effective % Complete	ETC People	Work Item	Unit of Measure	Comments	Project Name	Long Name	Project Number	Task Name	Task Number	Scheduled Base Start	Scheduled Base Finish	Estimated Scheduled Start	Estimated Scheduled Finish	Actual Scheduled Start	Actual Scheduled Finish	Open Issues	Open Change Document
								Harbor Point Assisted Living	Harbor Point Assisted Living	EC00610	Inspections&punchlst	2.4.EC2410	0	0					0	
								Harbor Point Assisted Living	Harbor Point Assisted Living	EC00610	Fab&Delivery	5.EC1810	0	0					0	

All rights reserved.

Internet | Protected Mode: On 100%

Project Data in Oracle Projects

Tasks - Windows Internet Explorer

http://host.ank2.com:8000/OA_HTML/OA.jsp?_rc=PA_TASK_LIST_LAYOUT&_ri=275&language_code=US&OAFMID=1004787&searchType=customize&fwkQBSear

File Edit View Favorites Tools Help

Google Search Share Check Translate AutoFill Sign In

Tasks

Advanced Search

Estimated Scheduled Finish	Actual Scheduled Start	Actual Scheduled Finish	Open Issues	Open Change Documents	Open Change Requests	Open Change Orders	Attachments	Indicators	Days Until Progress Due	Days Until Start	Phase	Actual Cost	ETC Cost	Actual Effort	Actual Equipment Effort	Actual People Effort	ETC Effort	ETC Equipment Effort	Constraint Date	Constraint Type	System Status Code
			0		0	0			0	2		0.00	0.00	0			0				IN_PROGRESS
			0		0	0			0	2		0.00	0.00	0			0				IN_PROGRESS

Internet | Protected Mode: On 100%

Integrating to Oracle Projects



TimeControl®



Data can be moved to Oracle Projects using the TimeControl Link Export via SQL*Loader or through a direct SQL transfer into the PA Transaction Interface Table

- Date
- Project
- Organization
- Expenditure Type
- Task

PAYMIX / BEE

Oracle Payroll

PRC: Transaction Import Process

OPA & Sub-Ledger Account modules

Oracle Projects

ORACLE®

TimeControl®

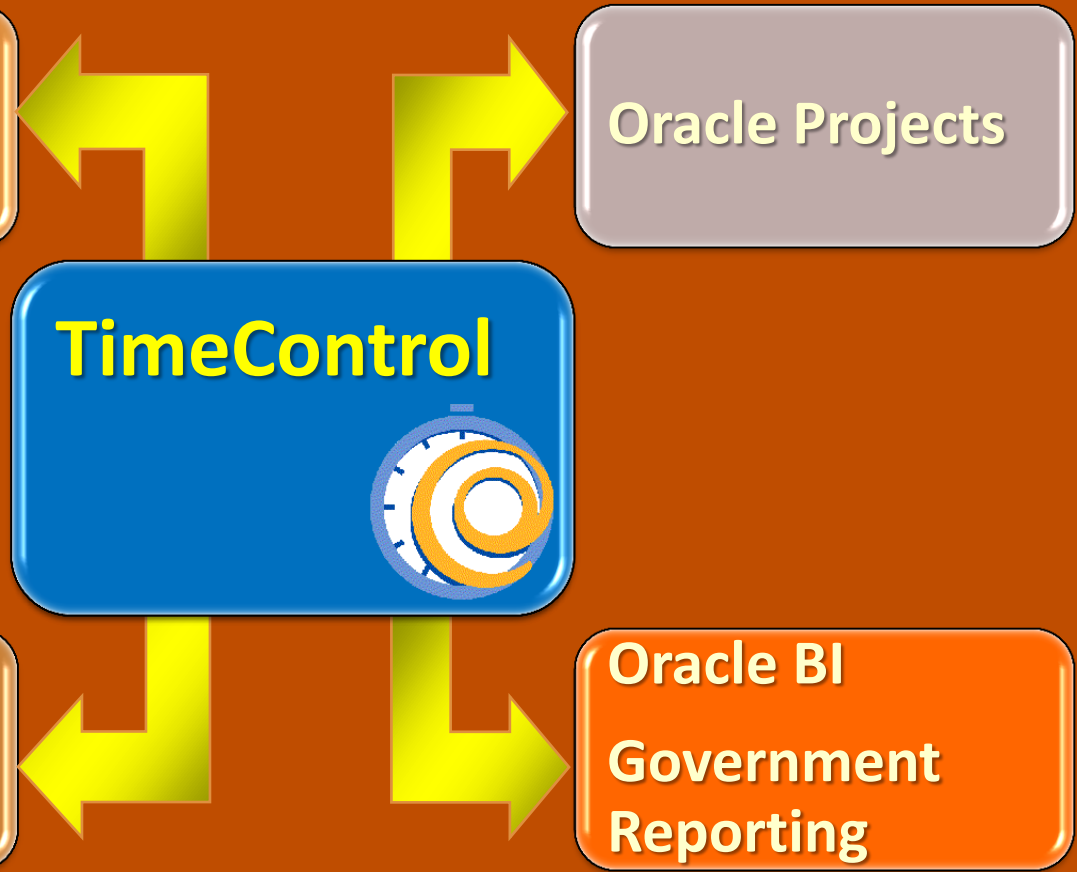
Oracle HR
Oracle Payroll

Oracle Projects

TimeControl

Primavera P6
or: P3, MS Proj,
Deltek, others...

Oracle BI
Government
Reporting

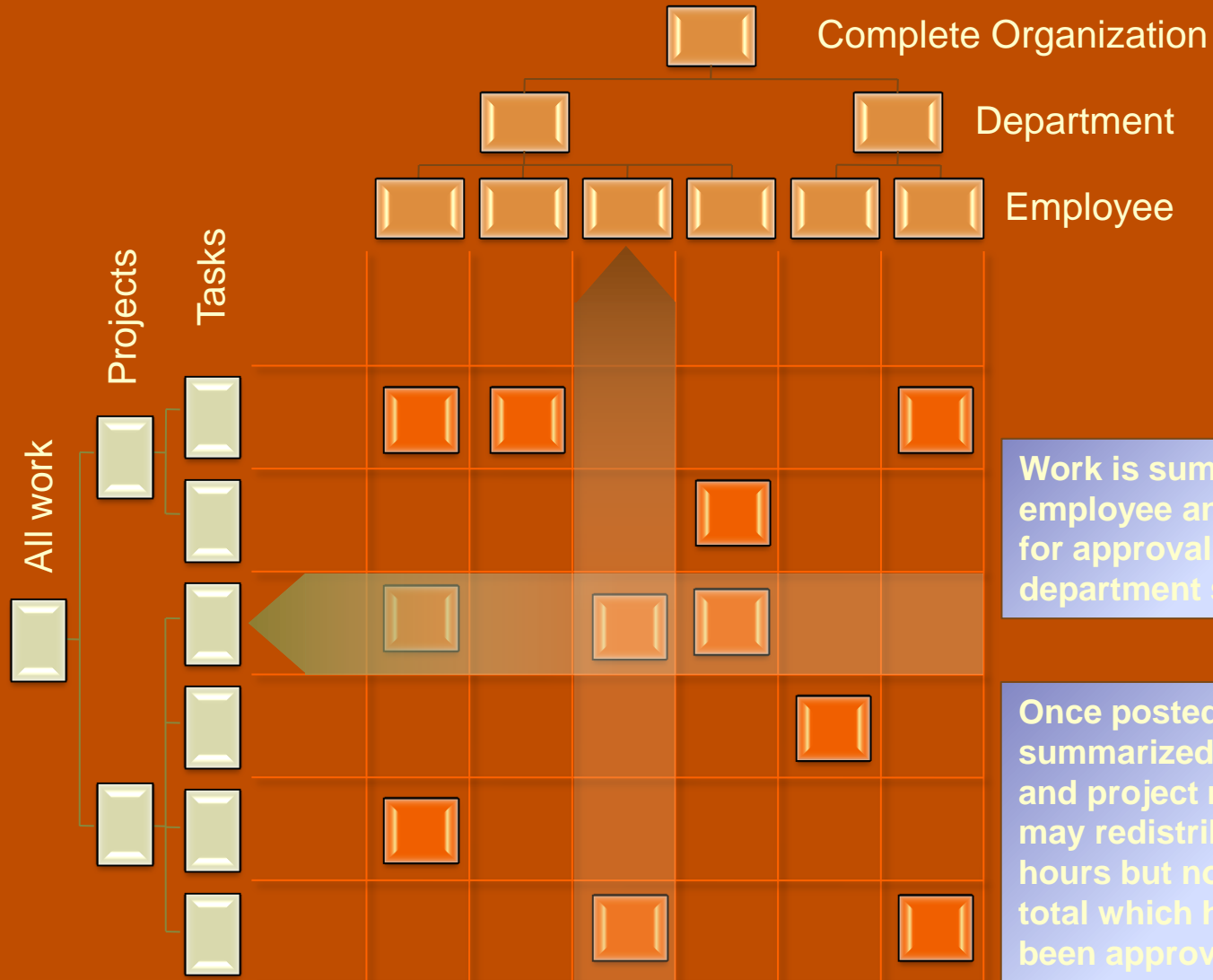




Other benefits

- Reduce redundant timesheets
- Linking to multiple versions of Primavera
- Linking to multiple payroll systems (for different regions)
- Linking to other project management systems (e.g. MS Project)
- Inexpensive
- Quick to deploy

Matrix Approvals



Work is summarized by employee and released for approval to the department supervisor

Once posted, time is summarized by project and project managers may redistribute the hours but not change the total which has already been approved



Auditability

- “One version of the truth”
 - ❑ Single source of timesheet data for project progress, payroll, HR and OP means easier auditing for:
 - ❖ R&D Tax Credit Reporting
 - ❖ SOX Compliance
 - ❖ DCAA Compliance
 - ❖ ARRA Reporting



About PARGroup

Pat worked for Oracle 11+ years as Projects consultant, instructor and SME, working closely with both product and curriculum development teams

PARGroup established in 2002, with a dynamic group of Oracle consulting experts, specializing in Oracle Projects and Financials implementations

Some clients include: GE Aeroderivative, Subaru of America, Merrill Lynch, CCN, RecruitUSA, and ongoing projects for the US government, USACE and Gulf Region Division

About HMS Software

LOGICIEL
HMS
SOFTWARE

Founded in 1984

Known for its expertise in deploying enterprise project and enterprise timesheet systems

Published TimeControl in 1994

TimeControl Distributors in over 22 countries

Partners with Primavera since 1997

An Oracle Gold Partner

ORACLE[®]

**Gold
Partner**

Links to HR, Project Mgt and Finance

- HMS Software is a Technology Alliance Partner with Primavera and a Gold Certified Microsoft Partner
- TimeControl includes direct integration with popular project management systems such as Microsoft Project and Project Server, Deltek Open Plan and Cobra and Primavera. You can move data on a scheduled or on-demand basis
- Supports multiple project management systems and versions simultaneously
- Customizable import/export function to interface with virtually any finance or ERP system including SAP, Oracle Financials, PeopleSoft, Microsoft Dynamics and other HR and Finance systems



Some of the many TimeControl clients

Engineering/Construction

Aecon Construction
AeroInfo
Koch Business Solutions
Kongsberg Devotek
Thompson Beta

Gas / Utilities

Gulf South Pipeline
Acergy
Petrocon
VenCorp

Manufacturing

Alcan
Parker Hannifin
Dofasco
Electromotive Diesel
Georgia Pacific
John Deere
Magneti Marelli
Tennant
Wagner Spray Tech
Vision Systems

Defense / Aerospace

Army Corps of Engineers
Bombardier Inc.
CAE Electronics
General Motors Diesel
Lockheed Martin
Rolls Royce
SAAB
US Navy

Government

Dutch Railways
Government of Saskatchewan
Railway Procurement Agency
(UK)

Technology

DRS Power Control Tech
EDS
Face Technology
Fuel Plus Software
GE Access
Lockheed Martin
Positron
Psion Techlogix
DRUCK Ltd

Telecommunications

Ericsson
EXFO
Motorola
Philips Semiconductors
SARA Amsterdam
Stratos Global

Financial

Standard Life
Development Bank of One

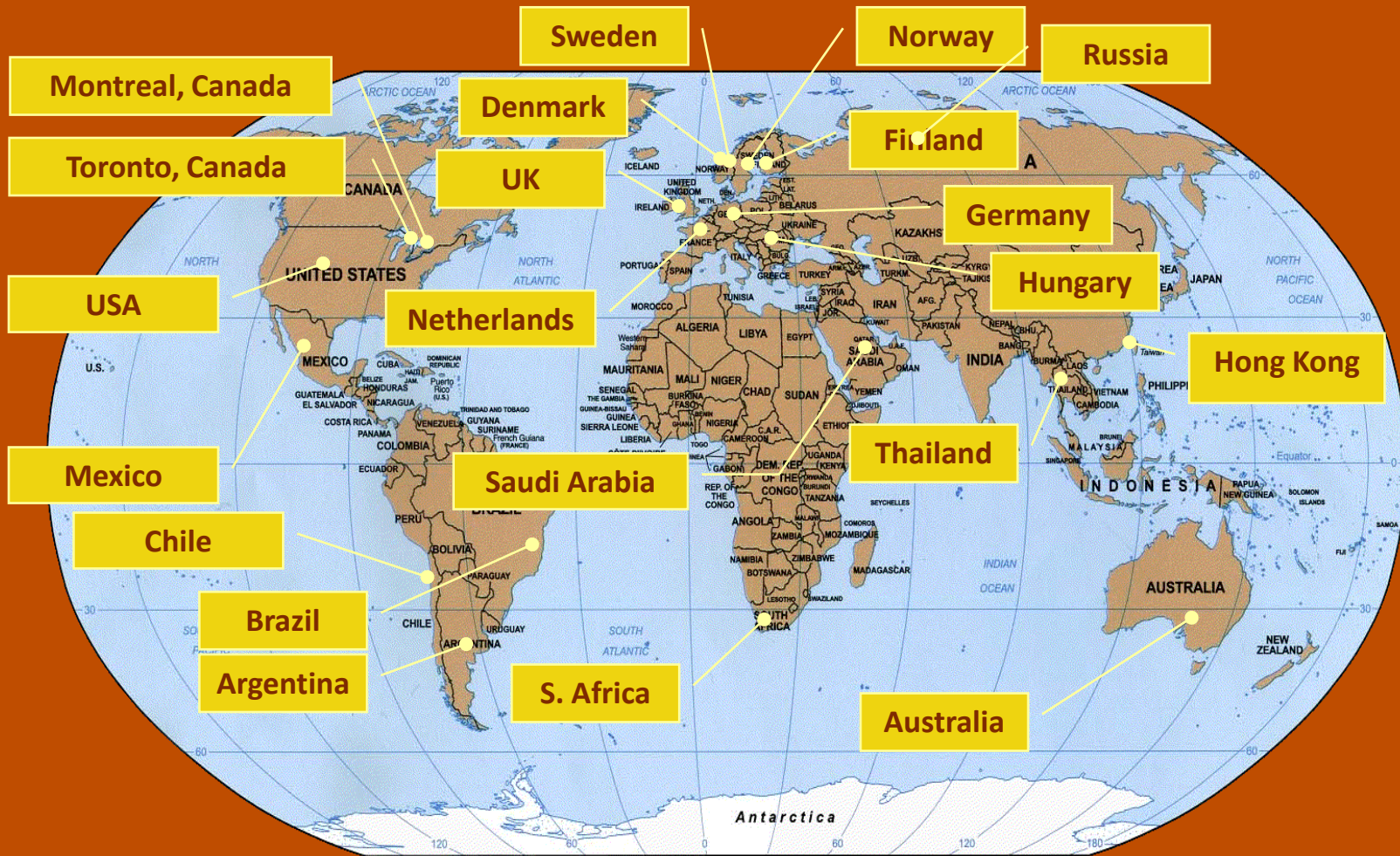
Health/Pharmaceutical

Boehringer Ingelheim
Merck Frosst (Organon)
RTS Thurnall
UK National Health Service
(NHS)
Canadian Institute for Health
Info
Iogen
Registrat

Some more HMS clients



TimeControl Dealer Network





For more information

To find out more about TimeControl:

www.timecontrol.com

To try TimeControl for free:

freetrial.timecontrol.com

To find out more about HMS Software:

www.hmssoftware.ca

To find out more about the PAR Group:

www.pargroupinc.com

To reach HMS Software:

info@hmssoftware.ca