

# TimeControl<sup>®</sup> Industrial & Hard Dollar'd HD PCM

Integrating Cost Control and Field Data Collection





# Introductions

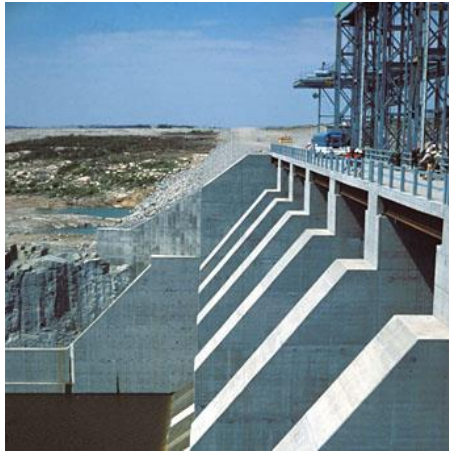
- ✓ HMS: Founded in 1984
- ✓ TimeControl released to market in 1994
- ✓ Partners with:
  - ✓ Microsoft since 1995
  - ✓ Oracle-Primavera since 1997
  - ✓ Deltek (Welcom) since 1985
  - ✓ Hard Dollar since 2012



Chris Vandersluis



# HMS's Industrial Experience



**James Bay Hydro**



**Ontario Nuclear Plants**



**Light Armored Vehicle**

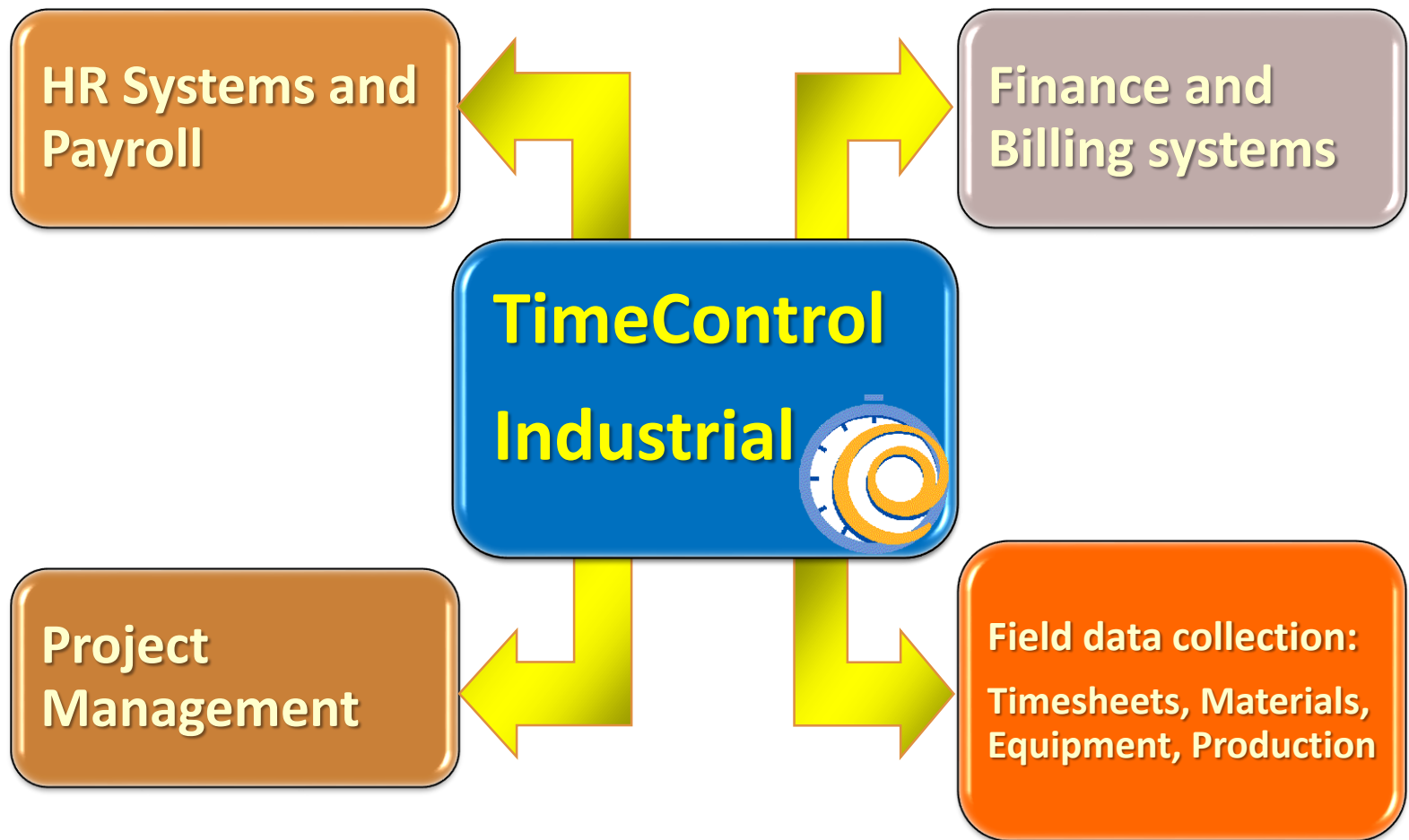


**Hibernia Oil Platform**



**CF18 Upgrade**

# TimeControl Industrial®



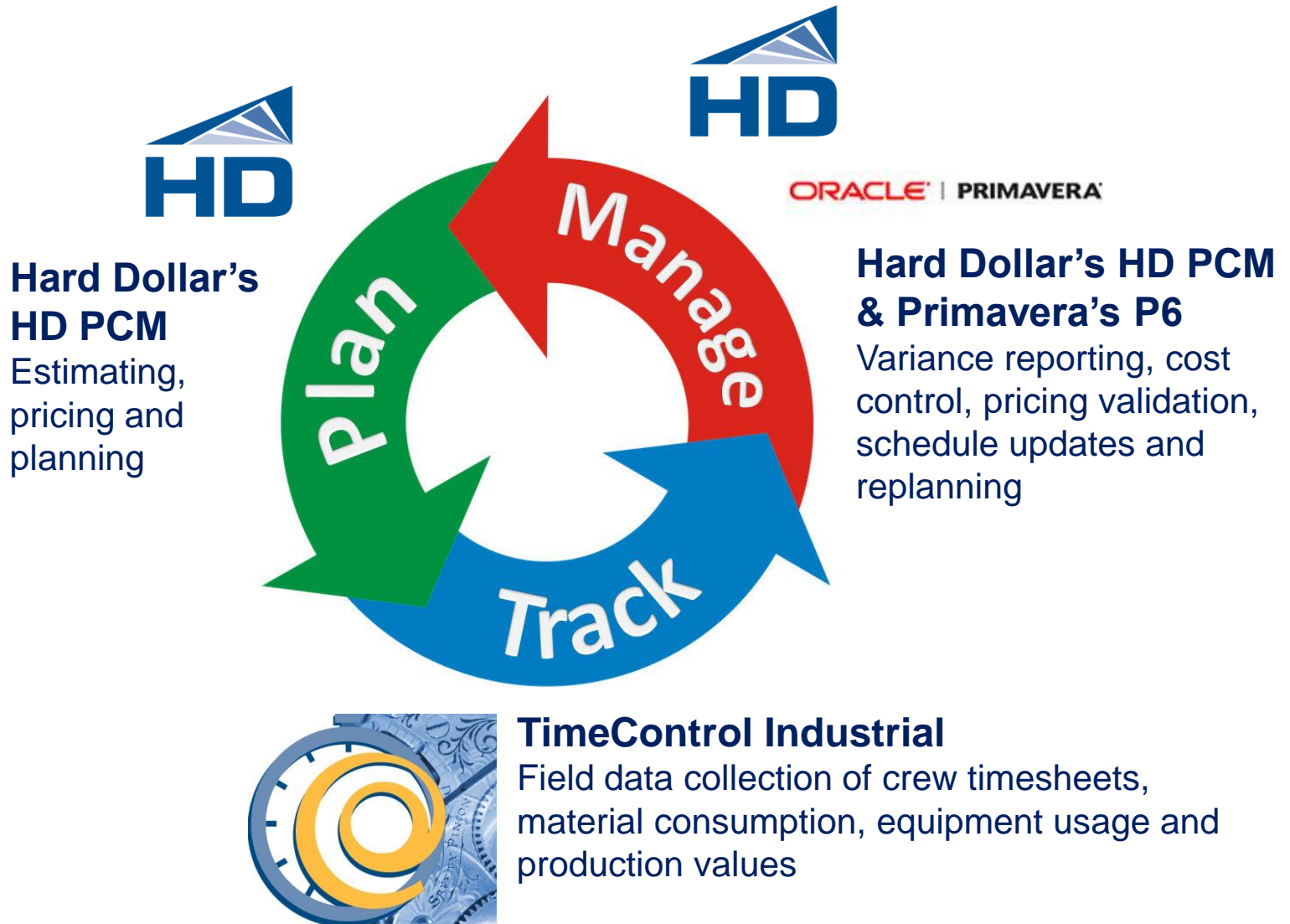


# TimeControl Industrial

- ✓ TimeControl Industrial includes full timesheet functionality for back-office personnel and field data collection function for field personnel to collect:
  - ✓ Crew timesheet entry
  - ✓ Material Consumption
  - ✓ Equipment Usage
  - ✓ Production Accomplished
  - ✓ Extended rates
- ✓ A single system with multiple interfaces to fulfill multiple needs



# TimeControl and Hard Dollar



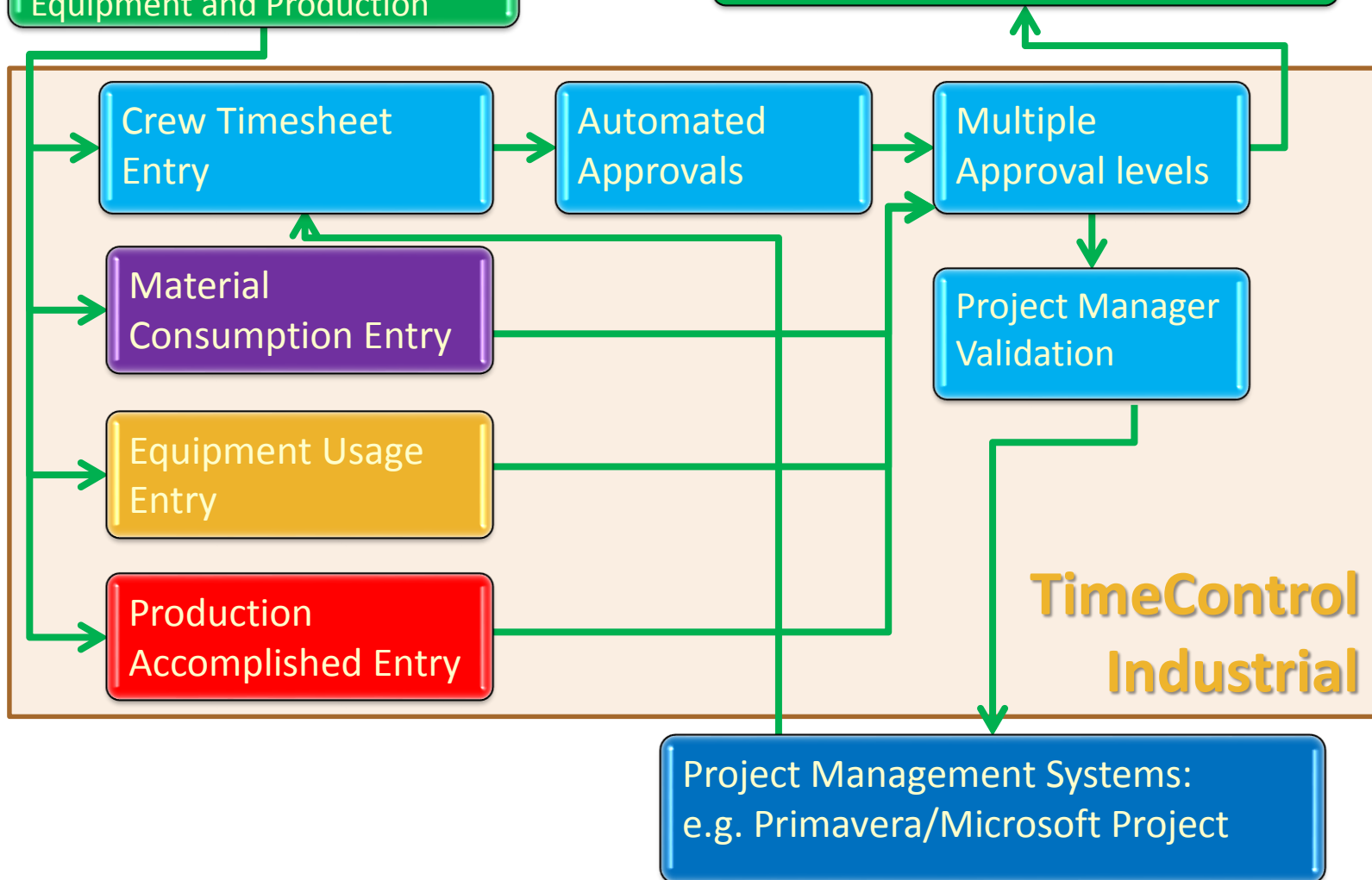


# Demonstration

# TimeControl Industrial Approvals

Takedown sheets generated in the field for Time, Materials, Equipment and Production

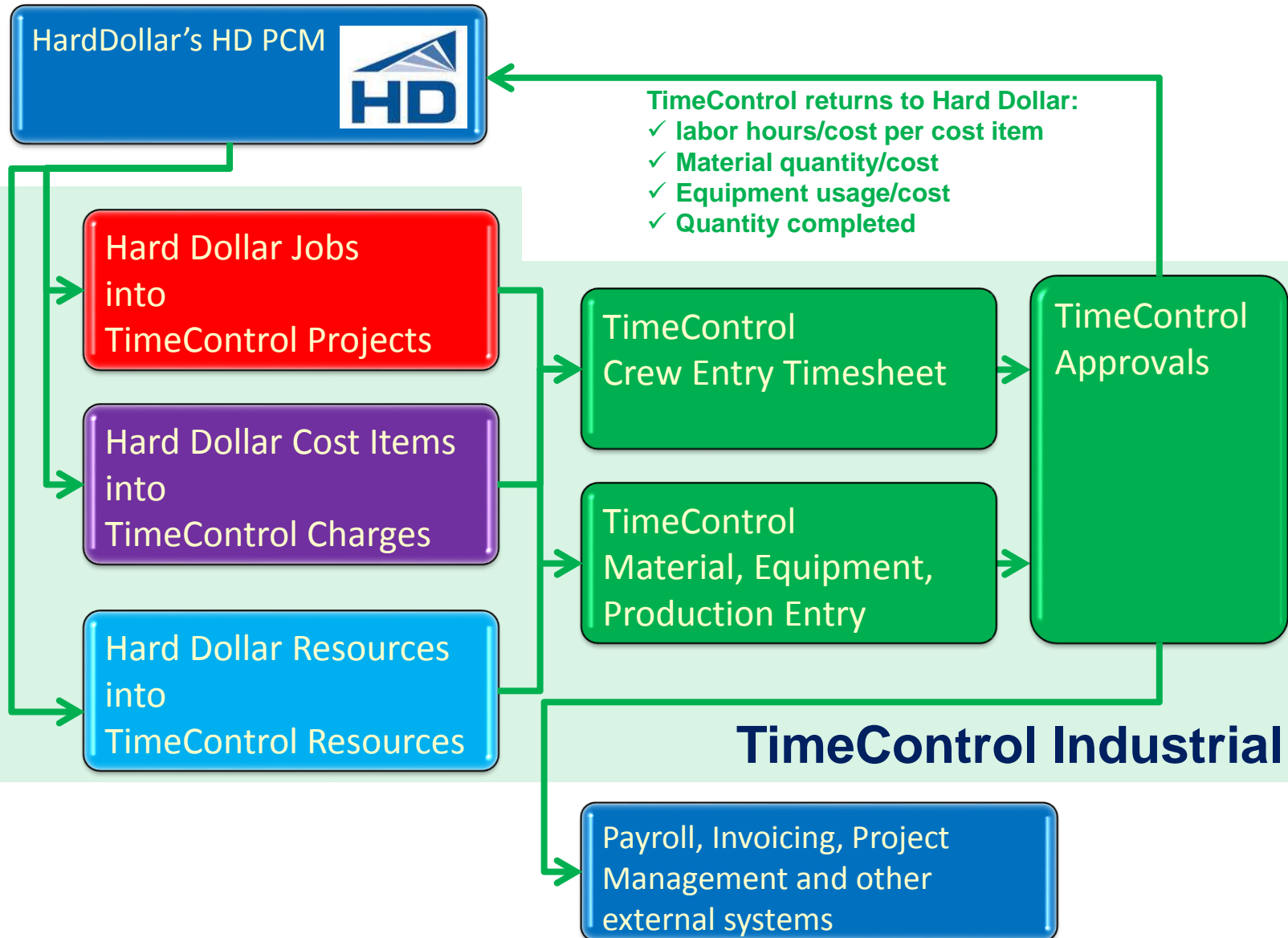
Corporate Systems: Payroll, HR, Billing, Contractor reconciliation



**TimeControl  
Industrial**

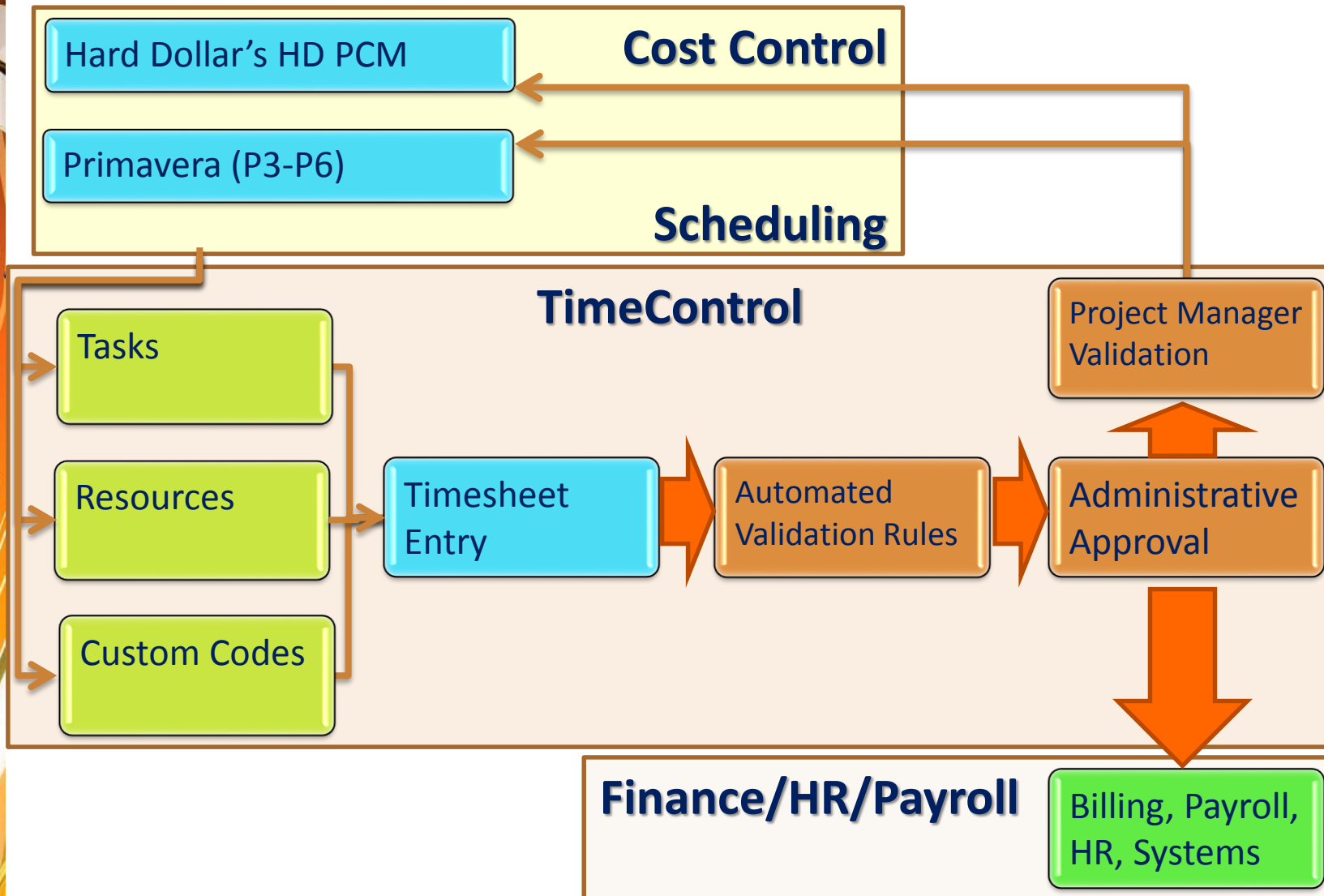


# HardDollar HD PCM / TimeControl



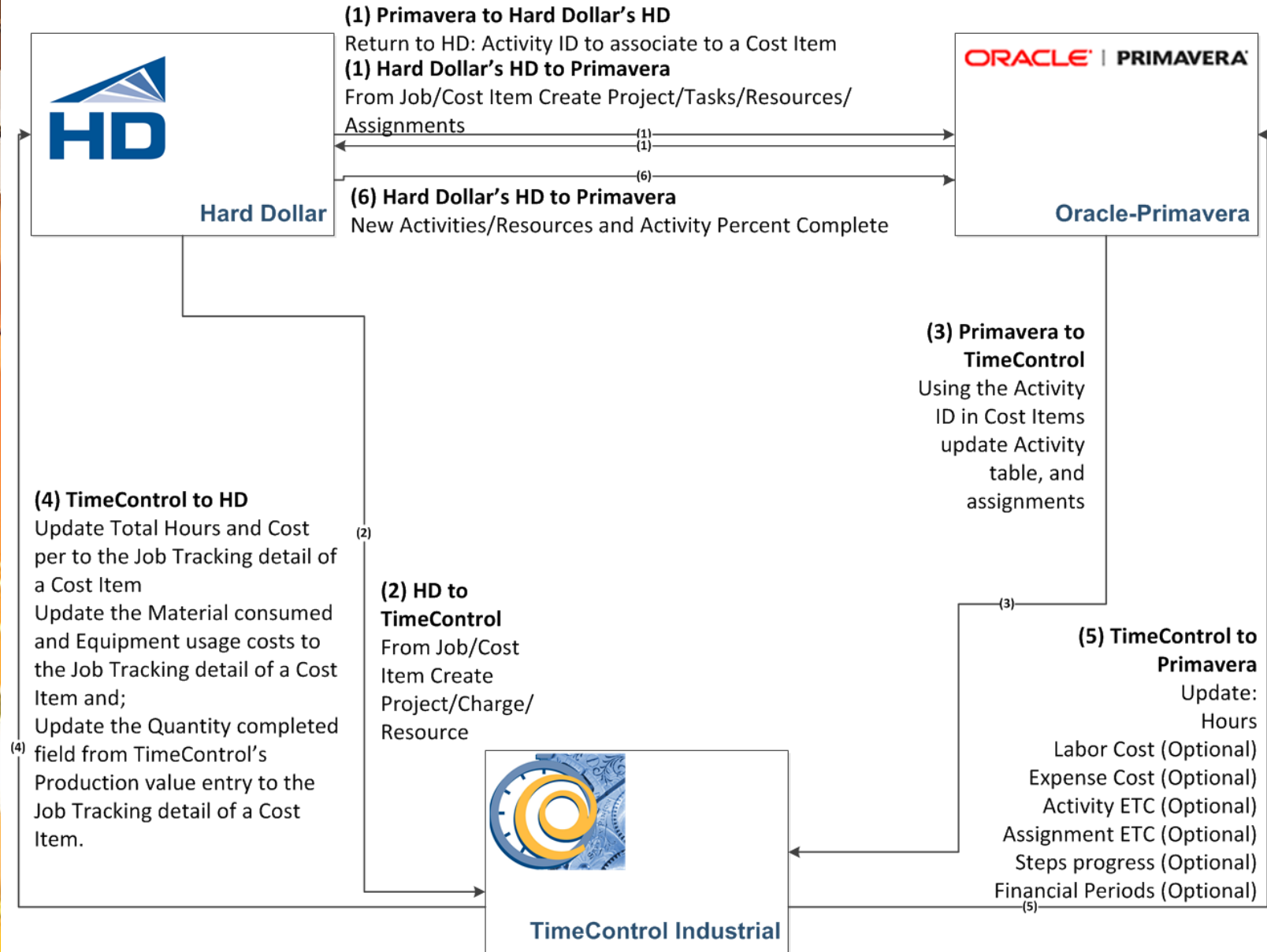


# The Matrix Approval Process

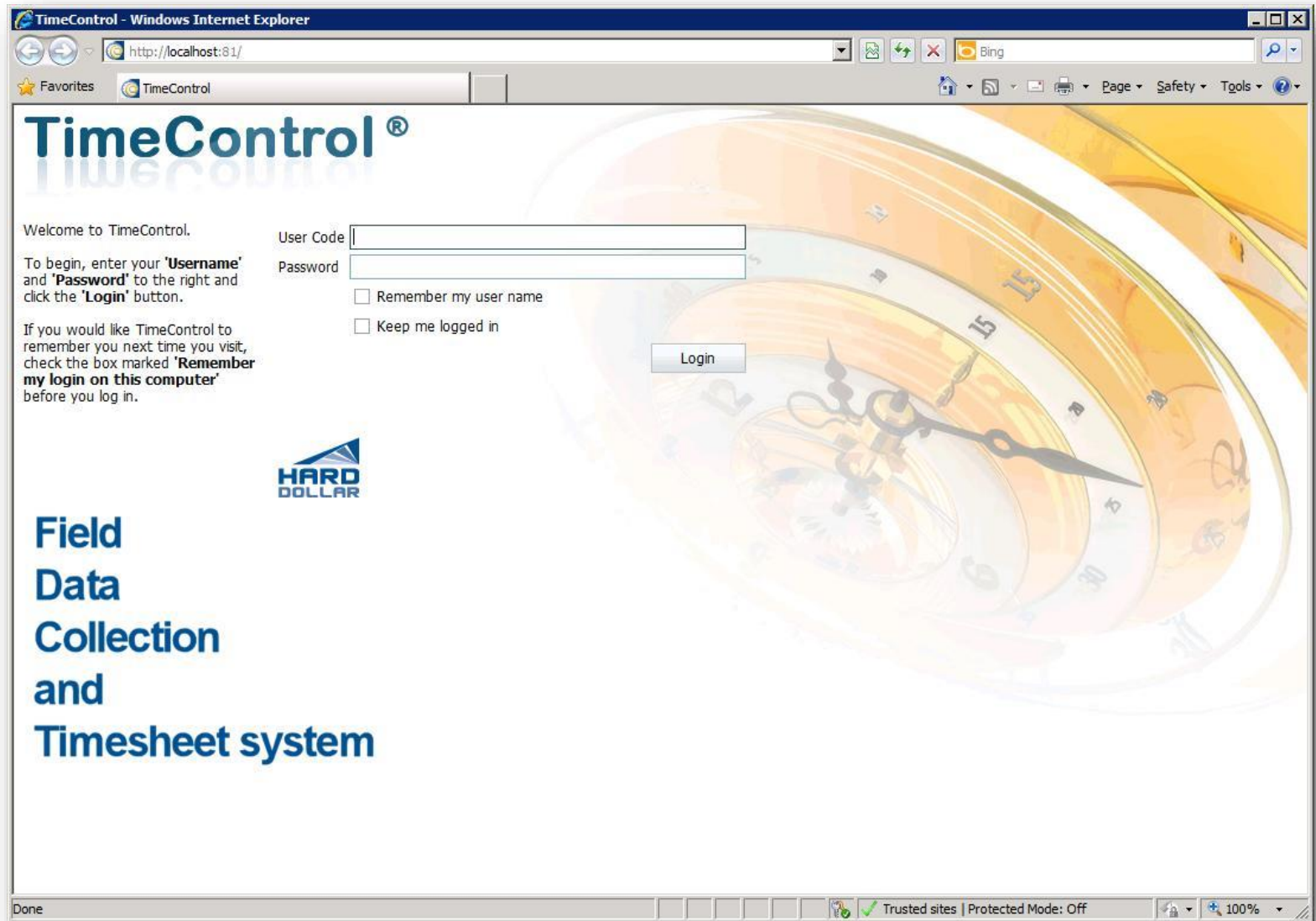




# TimeControl/Hard Dollar/Primavera



# TimeControl Industrial login



TimeControl - Windows Internet Explorer

http://localhost:81/

TimeControl

## TimeControl®

Welcome to TimeControl.

To begin, enter your **'Username'** and **'Password'** to the right and click the **'Login'** button.

If you would like TimeControl to remember you next time you visit, check the box marked **'Remember my login on this computer'** before you log in.


User Code

Password

☐ Remember my user name

☐ Keep me logged in

Login



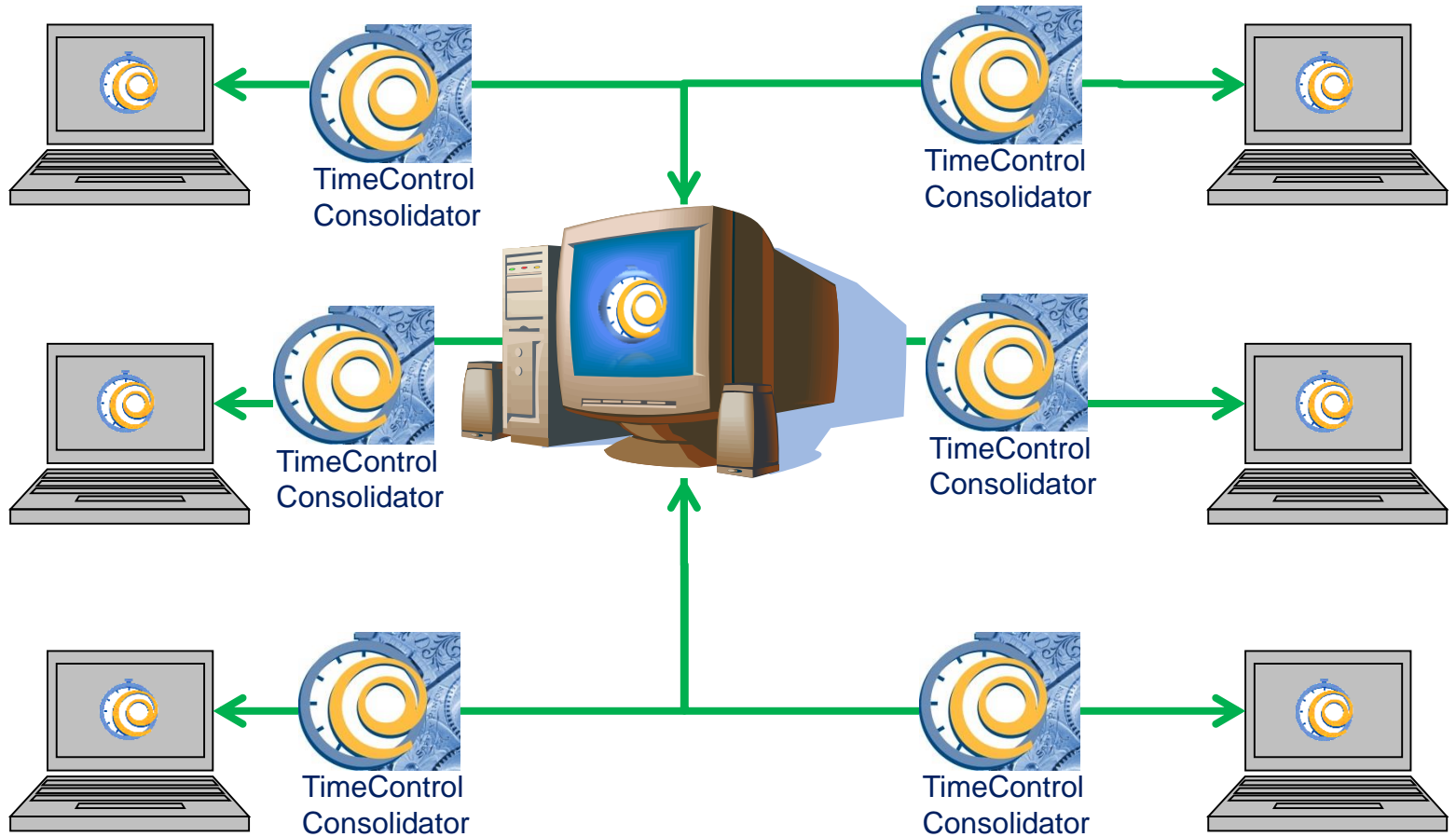
**Field  
Data  
Collection  
and  
Timesheet system**

Done

Trusted sites | Protected Mode: Off

100%

# TimeControl Consolidator







# Hard Dollar requests: Timesheets

- ✓ Assign tasks to employees
- ✓ Capture time-in and time-out of each employee
- ✓ Individual employee timesheet for back office personnel
- ✓ Crew timesheet for field data collection of labor actuals
- ✓ Collect Production accomplished in the field for each task



# Hard Dollar requests: Timesheets

- ✓ Diary entry of weather, safety and other working conditions
- ✓ Multiple rates for overtime, double time, unbillable time etc.
- ✓ Associate rates to individuals
- ✓ Apply payroll validation rules to different employees



# Hard Dollar requests: Approvals

- ✓ Supervisor approval with multiple levels
- ✓ Approval by line item project control
- ✓ Approval by line item for billable control





# Hard Dollar requests: Reports

- ✓ Exception reports such as missing timesheets, timesheets awaiting approval, hours under or over threshold etc.
- ✓ Custom report writer



# Hard Dollar requests: Admin

- ✓ Security to allow certain users to see and manipulate only certain data
- ✓ Constrain data entry so users can only see the appropriate data selections for the right employees
- ✓ Allow employees to become inactive if they are not on the job



# Hard Dollar requests: Interface

- ✓ Support for:
  - ✓ Windows
  - ✓ Web with multiple browser support
  - ✓ iPad and other tablets
  - ✓ iPhone and other Smartphones
  - ✓ IOS, Linux and other desktop devices



# Timesheet Approvals

- ✓ HMS's unique Matrix Approval Process for Labor Actuals™
- ✓ Unlimited automatic Validation Rules are user-definable, flexible and can be applied globally or to any group or even an individual
- ✓ Unlimited manual validation levels in which each crew, employee, material, equipment or production entry, can have a unique approval routing





# Non-labor approvals

- ✓ Material, Equipment and Production entries can have multiple multi-level approval structures.
- ✓ Alternately the Crew approval paths can be mandated as an approval path for all entries including non-labor



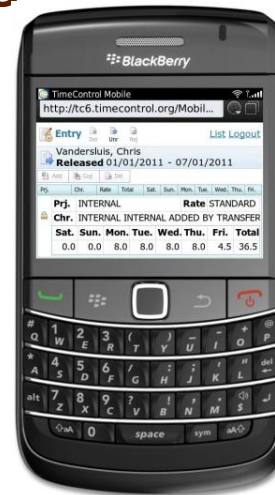
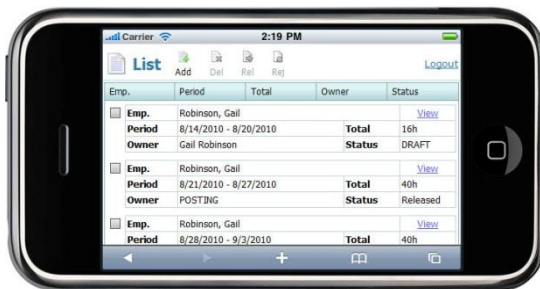
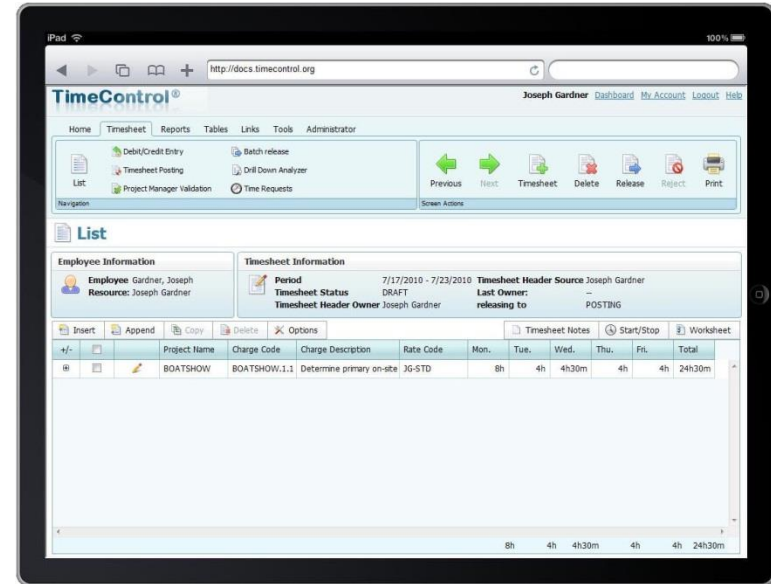
# TimeControl back office features

- ✓ Easy web interface
- ✓ Multi-browser support
- ✓ Multilingual
- ✓ Install onsite or subscribe in the cloud
- ✓ Expense tracking
- ✓ Automated Approvals
- ✓ Matrix Approvals
- ✓ Vacation Requests
- ✓ Flexible Reporting
- ✓ Flexible architecture
  - ✓ SQL Server, Oracle, MySQL
- ✓ Links to Project Mgt
  - ✓ Microsoft Project
  - ✓ Project Server
  - ✓ Oracle-Primavera
  - ✓ Deltek OpenPlan
  - ✓ Deltek Cobra
  - ✓ Hard Dollar's HD PCM
- ✓ Links to ERP/Finance
  - ✓ Dynamics
  - ✓ SAP
  - ✓ Oracle
  - ✓ Others...
- ✓ Government compliance
  - ✓ DCAA, R&D Tax Credits, SOX, FMLA, etc.

# Smartphone / Tablet Support

Back office personnel can enter timesheets on a

- ✓ Blackberry
- ✓ iPhone
- ✓ Android
- ✓ Windows7 Mobile
- ✓ iPad





# Crew Entry

TimeControl®

Jacob, Diana [Dashboard](#) [My Account](#) [Logout](#) [Help](#)

Home Timesheet Crews Materials Reports Tools Documentation Maintenance

Crew Timesheet Entry Manage Crews  
Crew Posting Manage Crew Extended Rates  
Batch Debit/Credit

Navigation

## Crew Timesheet Entry

Previous Next Apply Undo Add Delete Release Un-release Reject Print Window Close

List Timesheet Notes Timesheet List

Crew Information  
Crew Name  
Crew Description

Timesheet Information  
Date: 6/19/2012 Last Owner: N/A  
Status: DRAFT Owner: DIANA J  
Source: DIANA J Releasing To: POSTING

Timesheet Details Charge Notes Charge Details Activity Details Activity Steps Worksheet Expenses

Insert Append Copy Delete Options

Line #	Employee Code	Employee Full Name	Project Name	Project Description	Charge Code	Charge Description	Rate Code	6/19	ETC	Timesheet Detail Source
1	CON0018	Aitkens, Greg	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
2	CON0019	Albert, Randy	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
3	CON0020	Alcock, Wassim	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
4	CON0021	Alderice, Randolph	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
5	CON0040	Bundren, Tommy	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
6	CON0041	Bungay, Timothy	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
7	CON0042	Bunnell, Michel	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
8	CON0043	Burchill, Mike	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
9	CON0044	Burdeyny, Jorge	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
10	CON0045	Burke, Laval	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
11	CON0068	Cardie, Gordon	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
12	CON0069	Carew, Christopher	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J
13	CON0070	Caringella, Steve	3000	Bohemia Maintenance	3000.02074200ZZ	REPLACE STEAM TRAP LPT-6 CONDENSER 31 LPSD	S	4h	0h	DIANA J


60h

Done.

100%



# Material/Equipment/Production



**TimeControl**

Home Timesheet Crews **Materials** Reports Tools Documentation Maintenance

Material Entry Material Release Path  
Material History Material Rate Codes  
Material Posting Manage Material Extended Rates

Navigation

### Material Entry

Previous Next Apply Undo Add Copy Delete Print Release Un-release Reject Window Close

Timesheet Entry Timesheet Notes Timesheet List

Description: CarlLinden Dated 6/26/2012

Date: 6/26/2012 Source: DIANA J  
Owner: DIANA J Releasing To: POSTING  
Status: DRAFT Last Owner: N/A

Timesheet Details Worksheet

#	Project Name	Project Description	Charge Code	Charge Description	Resource	Qty	Rate Code	Rate Description	Rate 1	Rate 2	Currency	Total 1	Total 2
1	3000	Bohemia Maintenance	3000.60047200ZZ	REPAIR BROKEN SEAL TIGHT ON FT-926A LOOP 3 FLOW	MATERIAL	10.00	CPPE	1" Copper Pipe	0.25	0.75	USD	2.5	7.5
2	3000	Bohemia Maintenance	3000.60047200ZZ	REPAIR BROKEN SEAL TIGHT ON FT-926A LOOP 3 FLOW	MATERIAL	10.00	ODC	Other Direct Costs	30	60	USD	300	600
3	3000	Bohemia Maintenance	3000.60047200ZZ	REPAIR BROKEN SEAL TIGHT ON FT-926A LOOP 3 FLOW	MATERIAL	50.00	PROD.KMS	Kilometers completed	0.51	0.75	USD	25.5	37.5
4	3000	Bohemia Maintenance	3000.60047200ZZ	REPAIR BROKEN SEAL TIGHT ON FT-926A LOOP 3 FLOW	MATERIAL	10.00	CFW	Concrete Formwork	50	75	USD	500	750
5	3000	Bohemia Maintenance	3000.60354002ZZ	REPLACE SWN-TCV-1113 VALVE, STEAM PACKING LEAK	MATERIAL	200.00	CFW	Concrete Formwork	5	7.5		1000	1500
6	3000	Bohemia Maintenance	3000.60772900ZZ	REPLACE VALVE SEX-FCV-1210, LEAKS BY SEAT	MATERIAL	30.00	CONCRETE	Cubic Yard of Concrete	13	36		390	1080
7	4000	Conversion	4000.CS315	Site Preparation	MATERIAL	16.00	BH	Backhoe	450	600		7200	9600
												9,418	13,575

Done.

100%

**TimeControl®**

[Home](#)
[Timesheet](#)
[Crews](#)
[Materials](#)
[Reports](#)
[Tables](#)
[Links](#)
[Tools](#)
[Documentation](#)

[Crew Timesheet Entry](#)
[Manage Crews](#)
[Crew Posting](#)
[Manage Crew Extended Rates](#)
[Batch Debit/Credit](#)

Navigation

Previous

Next

Apply

Undo

Add

Copy

Delete

ALL

Load

Insert

Copy

Delete

Select All


Deselect All

Project Name	Trade	Shift	Rate Code	Rate 1	Rate 2	Rate 3	Effective Date
1000	NDTA	1	S	36	54	72	4/1/2012
1000	FAB	2	S	32	48	64	4/1/2012
1000	GF	1	S	84	106	168	4/1/2012
1000	PLUMBER	1	S	56	84	112	4/1/2012
1000	FE	1	S	60	90	120	4/1/2012
2000	SVRM	1	S	46	69	92	4/1/2012
2000	BM	1	S	56	84	112	4/1/2012
2000	FE	1	S	60	90	120	4/1/2012
2000	MTECH	1	S	36	54	72	4/1/2012
2000	FAB	1	S	32	48	64	4/1/2012
2000	PF	1	S	62	93	124	4/1/2012
2000	TRDM	1	S	52	78	104	4/1/2012
2000	MW	1	S	60	90	120	4/1/2012
2000	APP	1	S	30	45	60	4/1/2012
2000	CP	1	S	40	60	80	4/1/2012
2000	LB	1	S	26	40	52	4/1/2012
2000	MACWD	1	S	38	57	76	4/1/2012
2000	EL	1	S	42	61	84	4/1/2012
2000	GLA	1	S	42	61	84	4/1/2012
2000	NDTA	1	S	36	54	72	4/1/2012
2000	GF	1	S	84	106	168	4/1/2012
2000	GDD	1	S	54	81	108	4/1/2012
2000	SF	1	S	42	61	84	4/1/2012
2000	PLUMBER	1	S	56	84	112	4/1/2012
3000	PLUMBER	1	S	56	84	112	4/1/2012
3000	TRDM	1	S	52	78	104	4/1/2012
3000	GLA	1	S	42	61	84	4/1/2012
3000	FE	1	S	60	90	120	4/1/2012
3000	MACWD	1	S	38	57	76	4/1/2012

Done.

100%

# Manage Crews



**TimeControl**

Gardner, Joseph [Dashboard](#) [My Account](#) [Logout](#) [Help](#)

Home Timesheet **Crews** Materials Reports Tables Links Tools Administrator Documentation Maintenance

Crew Timesheet Entry Manage Crews  
Crew Posting Manage Crew Extended Rates  
Batch Debit/Credit

Navigation

## Manage Crews

Previous Next Apply Undo Add Copy Delete

ALL Load

Crew Name

- CarliLinden
  - Atkens, Greg
  - Albert, Randy
  - Alcock, Wassim
  - Alderdice, Randolph
  - Bundren, Tommy
  - Bungay, Timothy
  - Bunnell, Michel
  - Burchill, Mike
  - Burdeyny, Jorge
  - Burke, Laval
  - Cardie, Gordon
  - Carew, Christopher
  - Caringella, Steve
  - Carlson, Robert
  - Carlyse-Smith, Tim
- MartinFortin
- RandyPeters
- Rob Johnston Crew
- SandyWhite
  - Balog, William
  - Bangma, Eduardo
  - Bungay, Timothy
  - Bunnell, Michel

Done.

Crew Details Crew Timesheet Information Other Information Crew Notes

Crew Identification

Crew Name CarliLinden

Crew Description Carl Linden Crew

Crew Resource

Crew Employees


Employee Code	Employee Name
CON0018	Atkens, Greg
CON0019	Albert, Randy
CON0020	Alcock, Wassim
CON0021	Alderdice, Randolph
CON0040	Bundren, Tommy
CON0041	Bungay, Timothy
CON0042	Bunnell, Michel
CON0043	Burchill, Mike
CON0044	Burdeyny, Jorge
CON0045	Burke, Laval
CON0068	Cardie, Gordon
CON0069	Carew, Christopher
CON0070	Caringella, Steve
CON0071	Carlson, Robert
CON0072	Carlyse-Smith, Tim

Add  
Delete  
Delete All

100%



# Manage Crew Options



The screenshot displays the TimeControl web application interface for managing crew options. The browser address bar shows the URL <http://tciaq.timecontrol.org/Application/ActiveX/Act>. The user is logged in as Gardner, Joseph, with links to Dashboard, My Account, Logout, and Help.

The main navigation menu includes: Home, Timesheet, Crews, Materials, Reports, Tables, Links, Tools, Administrator, Documentation, and Maintenance. The sub-navigation menu for Crews includes: Crew Timesheet Entry, Manage Crews, Crew Posting, Manage Crew Extended Rates, and Batch Debit/Credit.

The "Manage Crews" section is active, showing a list of crews and their members. The "Crew Details" tab is selected, displaying options for "Carl Linden Crew" and "Sandy White Crew".

**Crew Details: Carl Linden Crew**

Crew Name	Crew Description
Carl Linden	CON0018
Atkens, Greg	CON0019
Albert, Randy	CON0020
Alcock, Wassim	CON0021
Alderdice, Randolph	CON0040
Bundren, Tommy	CON0041
Bungay, Timothy	CON0042
Bunnell, Michel	CON0043
Burchill, Mike	CON0044
Burdeyny, Jorge	CON0045
Burke, Laval	CON0068
Cardle, Gordon	CON0069
Carew, Christopher	CON0070
Caringella, Steve	CON0071
Carlson, Robert	CON0072
Carlyle-Smith, Tim	

**Crew Details: Sandy White Crew**

Crew Name	Crew Description
Sandy White	CON0036
Balog, William	CON0038
Bangma, Eduardo	CON0041
Bungay, Timothy	CON0042
Bunnell, Michel	CON0045
Burke, Laval	CON0053
Calderbank, James	CON0055
Calesso, Allan	CON0058
Cameron, Glenn	

**Crew Timesheet Options**

☒ Work with daily Crew Timesheets

**Preload Options**

☐ Do not preload the timesheet

☒ Preload the timesheet based on Crew Resource

☐ Preload the timesheet based on Employee Resource

**Crew Filters**

Project Filter: [Dropdown]

Charge Filter: [Dropdown]

**Crew Timesheet Defaults**

Project: 3000

Charge Code: BILLABLE

Rate Code: STD

☐ Preload Timesheet Defaults

**Crew Release Structure**

UserCode	User Description
Current User	...
DIANAJ	Jacob, Diana
<POSTING>	...

**Timesheet Defaults** | **Timesheet User Field Defaults**

Done. Modified

# Hard Dollar Project Table options

TimeControl Administrator Dashboard My Account Logout Help

Home Timesheet Reports Tables Links Tools Administrator Documentation Maintenance

Resource Labor Rates Charge  
Employee Project Reports  
User WBS Connection Pool

Navigation Actions

Expand All Collapse All Add Copy Delete Apply Undo Filter

**Project**

Page 1 of 1 (15 items) [1]

Project Name	Project Description
Alpha Company	
Bravo Company	
Charlie Company	
HDTRAINING	Training project from Hard Dollar
TCDEPLOY	TimeControl Deployment Project
DATA	Data Migration Project

Page 1 of 1 (15 items) [1]

General Transfer Options **HD Transfer Options** Project Notes

**Link Interface**

HD Connection Pool: Hard Dollar Connection  
HD Job: Training

**Import Options**

☐ Import Resources  
☐ Import Assignments

**Export Options**

**Data Options**

☒ Transfer Actual Hours  
☒ Export Cost Cost Category: Undefined Labor  
☒ Export Expenses Cost Category: Undefined Supplies  
Cost Category: Undefined Materials

**Cost Options**

Source for Labor Cost Resource: Employee Resource

**Rate**

☒ Rate 1 ☐ Rate 2 ☐ Rate 3 ☐ Rate 4 ☐ Rate 5 ☐ Rate 6 ☐ Rate 7 ☐ Rate 8 ☐ Rate 9

**Material Options**

Quantity Completed Resource: [v]

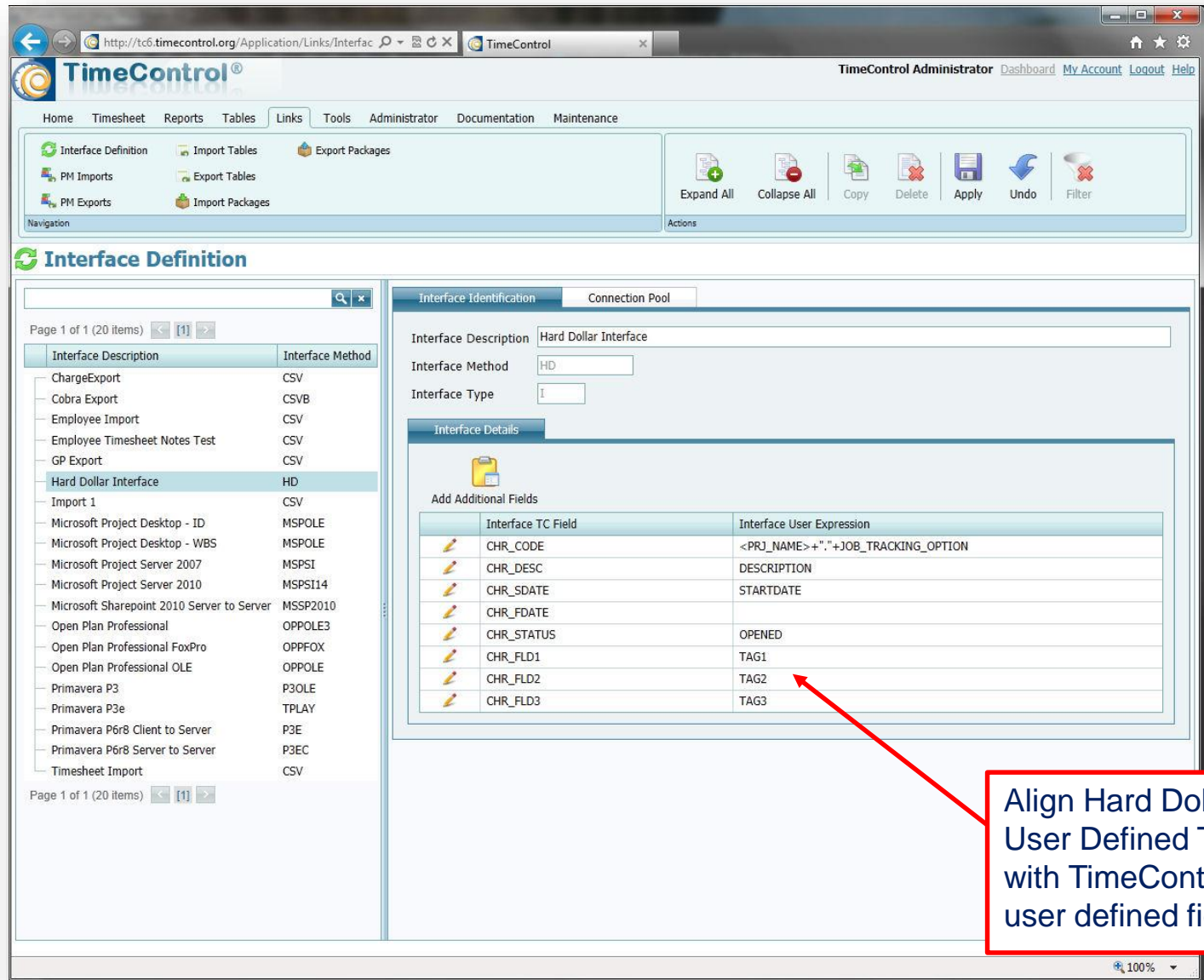
**Rate**

☒ Rate 1 ☐ Rate 2 ☐ Rate 3 ☐ Rate 4 ☐ Rate 5 ☐ Rate 6 ☐ Rate 7 ☐ Rate 8 ☐ Rate 9

100%

Decide on the rate value from TimeControl that will be sent back to Hard Dollar for non-labor

# Hard Dollar Interface Definition



TimeControl Administrator Dashboard My Account Logout Help

Home Timesheet Reports Tables Links Tools Administrator Documentation Maintenance

Interface Definition Import Tables Export Packages

PM Imports Export Tables

PM Exports Import Packages

Navigation

Expand All Collapse All Copy Delete Apply Undo Filter

## Interface Definition

Page 1 of 1 (20 items) [1]

Interface Description	Interface Method
ChargeExport	CSV
Cobra Export	CSV
Employee Import	CSV
Employee Timesheet Notes Test	CSV
GP Export	CSV
<b>Hard Dollar Interface</b>	<b>HD</b>
Import 1	CSV
Microsoft Project Desktop - ID	MSPOLE
Microsoft Project Desktop - WBS	MSPOLE
Microsoft Project Server 2007	MSPSI
Microsoft Project Server 2010	MSPSI14
Microsoft Sharepoint 2010 Server to Server	MSSP2010
Open Plan Professional	OPPOLE3
Open Plan Professional FoxPro	OPFFOX
Open Plan Professional OLE	OPPOLE
Primavera P3	P3OLE
Primavera P3e	TPLAY
Primavera P6r8 Client to Server	P3E
Primavera P6r8 Server to Server	P3EC
Timesheet Import	CSV

Page 1 of 1 (20 items) [1]

### Interface Identification

Interface Description: Hard Dollar Interface

Interface Method: HD

Interface Type: I

### Interface Details


Add Additional Fields

Interface TC Field	Interface User Expression
CHR_CODE	<PRJ_NAME>+ "+" +JOB_TRACKING_OPTION
CHR_DESC	DESCRIPTION
CHR_SDATE	STARTDATE
CHR_FDATE	
CHR_STATUS	OPENED
CHR_FLD1	TAG1
CHR_FLD2	TAG2
CHR_FLD3	TAG3

Align Hard Dollar User Defined Tags with TimeControl user defined fields



# Hard Dollar Connection



Firefox TimeControl

localhost:59687/Application/Links/InterfaceDefinition.aspx?st=27&mnu=28

TimeControl Administrator Dashboard My Account Logout Help

Home Timesheet Crews Materials Reports Tables Links Tools Administrator Documentation Maintenance

Interface Definition Import Tables Export Packages PM Imports Export Tables PM Exports Import Packages

Expand All Collapse All Copy Delete Apply Undo Filter

## Interface Definition

Page 1 of 1 (14 items)

Interface Description	Interface
Hard Dollar Interface	HD
Microsoft Project OLE - ID	MSPOLE
Microsoft Project OLE - WBS	MSPOLE
Microsoft Project Server 2007	MSPSI
Microsoft Project Server 2010	MSPSI14
MS Sharepoint 2010 Server to Server	MSSP20
Open Plan Professional 3.x Ole Interface	OPPOLE
Open Plan Professional FoxPro	OPFFOX
Open Plan Professional OLE	OPPOLE
Payroll Export	CSVB
Primavera P3 OLE	P3OLE
Primavera P3E Direct	P3E
Primavera P3e/c Direct	P3EC
Teampay Direct	TPLAY

Page 1 of 1 (14 items)

### Interface Identification

#### Import Connection

Server: MCOB1NW7\MCOB1NW7

Database Type: SQL Server

Database Name: HDLibrary

User Name: hduser

User Password: hduser

Test Connection

#### Export Connection

Export Path: http://TC61-Server:8007


☐ Requires Authorization

Export User Name:

Export Password:

Test Connection

# Charge Table – Cost item tab



The screenshot displays the TimeControl web application interface within a Windows Internet Explorer browser window. The browser's address bar shows the URL: `http://localhost:82/Application/Tables/ChargeTable.aspx?st=188mnu=25`. The application header includes the "TimeControl" logo, the text "Field Data Collection", and a user profile for "Gardner, Joseph" with links to "Dashboard", "My Account", "Logout", and "Help". A navigation menu at the top lists: Home, Timesheet, Crews, Materials, Reports, **Tables**, Links, Tools, Administrator, Documentation, and Maintenance. Below this, a secondary menu contains icons for Resource, Employee, User, Labor Rates, Project, WBS, Charge, and Reports. A toolbar on the right offers actions like Expand All, Collapse All, Add, Copy, Delete, Apply, Undo, and Filter. The main content area is titled "Charge" and features a search bar and a list of 32 items. The list includes codes and descriptions such as "1000 Activities in Project 100", "2000 Activities in Project 200", "3000 Activities in Project 300", "4000 Activities in Project 400", "AUTO Added by transfer", "BOATSHOW", "INTERNAL Internal Administrative", "POLAR Added by transfer", "TRAINING JOB Added by HD Import", and various "TRAINING JOB" entries like "TRAINING JOB.0 Added by HD Import", "TRAINING JOB.1 Mobilization", "TRAINING JOB.10 Structural Excavation &", "TRAINING JOB.11 Steel Reinforcement", "TRAINING JOB.12 Retaining Wall", "TRAINING JOB.13 Paint Existing Steel Bridge", "TRAINING JOB.14 Process Equipment", "TRAINING JOB.15 Removal of Underground", "TRAINING JOB.16 Disposal of Contaminated", "TRAINING JOB.17 Toll Booth", "TRAINING JOB.18 Guardrail Type 2", "TRAINING JOB.19 Guardrail Type 3A", "TRAINING JOB.2 Clearing & Grubbing", "TRAINING JOB.20 Type 4 Signs", and "TRAINING JOB.21 Special Risk Allowance". The "TRAINING JOB.2 Clearing & Grubbing" item is highlighted. To the right of the list, the "Cost Item" tab is selected, showing details for a "Hard Dollar Cost Item". The details include: Item UID (a06da5a8-4345-41ae-9f03-cfb467fc5fee), Account Code (1110000), Phase Code (2), and WBS Code (2). The Windows taskbar at the bottom shows the Start button, several open applications, and the system clock indicating 5:10 PM.

TimeControl - Windows Internet Explorer

http://localhost:82/Application/Tables/ChargeTable.aspx?st=188mnu=25

TimeControl® HD Field Data Collection

Gardner, Joseph Dashboard My Account Logout Help

Home Timesheet Crews Materials Reports **Tables** Links Tools Administrator Documentation Maintenance

Resource Labor Rates Charge  
Employee Project Reports  
User WBS

Expand All Collapse All Add Copy Delete Apply Undo Filter

**Charge**

Page 1 of 1 (32 items)

Charge Code	Charge Description
1000	Activities in Project 100
2000	Activities in Project 200
3000	Activities in Project 300
4000	Activities in Project 400
AUTO	AUTO Added by transfer
BOATSHOW	BOATSHOW
INTERNAL	Internal Administrative
POLAR	POLAR Added by transfer
TRAINING JOB	Added by HD Import
TRAINING JOB.0	Added by HD Import
TRAINING JOB.1	Mobilization
TRAINING JOB.10	Structural Excavation &
TRAINING JOB.11	Steel Reinforcement
TRAINING JOB.12	Retaining Wall
TRAINING JOB.13	Paint Existing Steel Bridge
TRAINING JOB.14	Process Equipment
TRAINING JOB.15	Removal of Underground
TRAINING JOB.16	Disposal of Contaminated
TRAINING JOB.17	Toll Booth
TRAINING JOB.18	Guardrail Type 2
TRAINING JOB.19	Guardrail Type 3A
TRAINING JOB.2	Clearing & Grubbing
TRAINING JOB.20	Type 4 Signs
TRAINING JOB.21	Special Risk Allowance

Charge Details Activity Details **Cost Item** Revisions Charge Notes

**Hard Dollar Cost Item**

Item UID	a06da5a8-4345-41ae-9f03-cfb467fc5fee
Account Code	1110000
Phase Code	2
WBS Code	2

Done

Start TimeControl - Windo...

5:10 PM

# Links to HR, Project Mgt and Finance

- ✓ HMS Software is a Technology Alliance Partner with Primavera and a Certified Microsoft Partner
- ✓ TimeControl includes direct integration with Hard Dollar's HD PCM as well as popular project management systems such as Microsoft Project and Project Server, Oracle-Primavera and Deltek's Open Plan and Cobra. 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, Billing, HR, Payroll software or service or ERP system including Microsoft Dynamics, SAP, Oracle Financials, PeopleSoft and more











# TimeControl works in many industries

## **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  
Georgia Pacific  
John Deere  
Magneti Marelli  
Mercury Marine  
Tennant  
Wagner Spray Tech  
Vision Systems

## **Defense / Aerospace**

Bombardier Inc.  
CAE Electronics  
General Motors Diesel  
Lockheed Martin  
Rolls Royce  
SAAB

## **Government**

Dutch Railways  
Government of Saskatchewan  
Railway Procurement Agency  
(UK)

## **Technology**

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

## **Telecommunications**

Cable & Wireless Bartel  
Ericsson  
EXFO  
Motorola  
Philips Semiconductors  
SARA Amsterdam  
Stratos Global

## **Financial**

Standard Life  
Development Bank of One

## **Health/Pharmaceutical**

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

# TimeControl Dealer Network







# TimeControl Industrial highlights

1. Crew Timesheet entry
2. Material/Equipment/Production entry
3. Extended Rates support
4. Multilingual
5. Links to Project Management, Finance, Payroll, HR, SharePoint, Excel and more../
6. Back office and Field Data Collection



# Thank you!

## For more information:

To find out more about TimeControl Industrial:

[industrial.timecontrol.com](http://industrial.timecontrol.com)

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To find out about HMS Software:

[www.hmssoftware.ca](http://www.hmssoftware.ca)

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To reach HMS Software:

[info@hmssoftware.ca](mailto:info@hmssoftware.ca)

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