

TimeControl[®] Industrial



New in TC Industrial 5.1

TimeControl Industrial 5.1 is a major new release of HMS Software's industrial timesheet system. It builds on both the architecture enhancements of TimeControl 5 and the remarkable functionality of TimeControl Industrial 4.7 to create a unheralded assembly of powerful features.

Extended Rate Import

We've extended the existing import functions to allow administrators to update the Extended Rate table. This table exists only in the Industrial version of TimeControl and is often created externally using Excel or a rates generation engine. The import will allow this data to be updated quickly and easily through the menu-driven Links interface

Social Insurance Number encryption

Some clients need to see that a Social Insurance number has been input into the employee table but to comply with privacy laws, this field must be masked from all users but the HR department. The new encryption model for this field provides for this. Select the TimeControl encryption mode from the System Preferences and this new field in the employee table will be encrypted.

Re-link historic records in the Employee and Charge tables

For highly dynamic companies situations may arise where employees and charges are removed from the system but these same employees and charges must be re-added at a later date. Since TimeControl maintains a historic record of these tables for referential integrity, we've added the capability to link the re-added records with the record history.

Enhanced turn-around report for crews and crew members

We've added new features to the report-generator that creates the blank turn-around documents used by foremen and supervisors in the field for taking down TimeControl Industrial data.

Cascading User Defined Fields

User Defined Fields have always been one of TimeControl's most powerful features but now we've added a change that seems small but has a massive impact. You can now define one User defined field in the timesheet or crew timesheet to be dependant on another. So, pick a location in field one and then only the field values that are appropriate to that location show up in field two. This dramatically changes how clients will organize their TimeControl Industrial data in the future.

New in TimeControl 5.1 Industrial

Enhanced Materials Entry with a new Worksheet tab

People liked the worksheet tab so much in the timesheet and crew timesheet interfaces that we've added one in the Materials Entry module. This allows you to do quick summaries by rate, project or charge to validate your data entry.

Enhanced Security with INSERT control

TimeControl's User Profiles have been improved with the ability to control whether someone is allowed to add a record to a particular table. This is in addition to earlier versions of TimeControl which allowed control over deletion, change and table structure.

Enhanced Extended Rate Table Security

While we're talking about User Profiles, we've added the Extended Rate Table to the Table Security area so that you can determine filter controls for different Extended Rate Administrators and use the other table security controls such as Insert, Change, Delete and Structure change rights.

Extended Materials Rates

The Extended Rates that are available to Crew Timesheets can now also be used in the Materials Entry. This avoids cluttering the standard rates table with what may be thousands of entries to make sure that all material costs are properly recorded.

Multi-employee Debit / Credit adjustments

When there are a large volume of timesheet records and a small number of entry clerks creating those records, the need for rapid adjustments of multiple records becomes much more important. For this reason, TimeControl now includes a multi-employee Debit/Credit/Adjustment feature that lets Administrators adjust incorrect entries for multiple timesheets and multiple employees on a single screen.

Enhanced Extended Tables with closed projects hidden based on settings

We've made it even easier for TimeControl Industrial Administrators by allowing projects to be hidden with the click of a checkbox. This allows extended functionality within the Project Table to avoid projects which are already closed by use of a simple system setting.



New in TimeControl 5



In addition to the features specific to TimeControl Industrial 5.1 this version of TimeControl Industrial includes the rich improvements from the TimeControl 5 family. TimeControl 5 represents a new generation in the long-standing TimeControl family. Each new integer release of TimeControl has indicated a change in the underlying technology and architecture of the product. Version 1 was a DOS-based version released originally in 1994. Version 2 was the first Windows-based version. Version 3, released in 1997, was a client/server edition. And, TimeControl, Version 4, released in 2001, was an all-web-based TimeControl.

Now, make way for Version 5 representing a new wave in our TimeControl architecture. We have updated the underlying data connection layer to the latest in technology and our interface reflects the new look and feel of applications today.

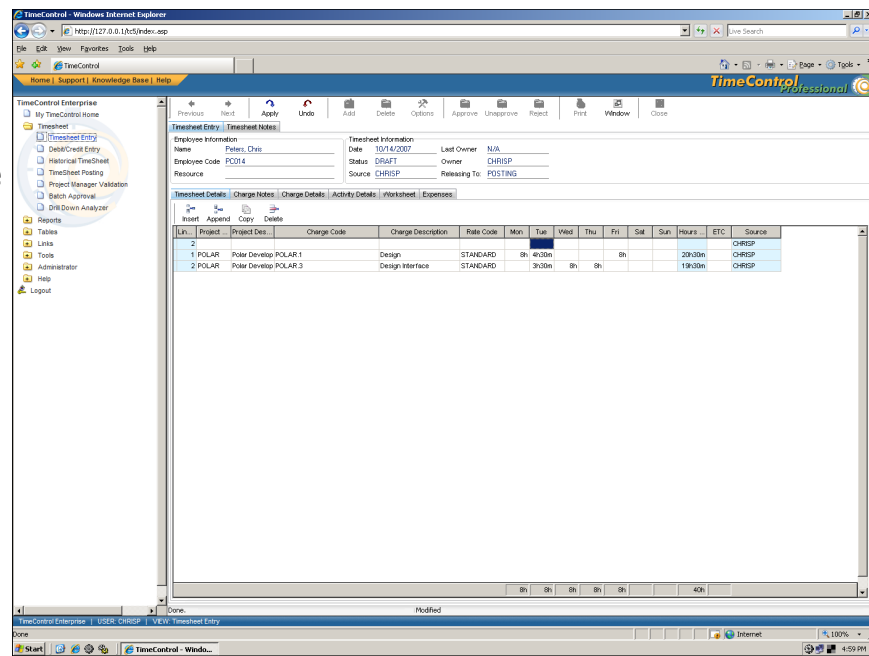
The functionality you've come to know and appreciate remains in this highly extensive product, but TimeControl, Version 5, boasts the greatest number of new features and enhancements since the original release of our product. We hope you enjoy our TimeControl 5 new wave release. The HMS Software Development Team is very proud of it.

Redesigned Architecture

TimeControl 5 moves from using the Borland Database Engine to an ODBC structure. This will improve performance and allow for more types of database connections from within TimeControl. This also results in direct support for Microsoft SQL Server 2005 and Microsoft SQL Server 2008, as well as new versions of Oracle. The new architecture is in keeping with state-of-the-art industry standards.

Updated Interface

The main TimeControl interface has undergone a complete overhaul. Existing users will recognize the familiarity of the timesheet, but the overall look and feel has been upgraded to new Microsoft Vista™ standards. The overall effect is a cleaner, easier to read environment. As our product has gone through so many changes, so has our documentation. Expect to see a complete overhaul in our Reference and User Guides.



User acceptance has a lot to do with comfort and that's why the new TimeControl interface is even more localizable than previous versions.

New in TimeControl 5



Project Management Validation

This interface has been overhauled with multiple views so that project managers are now able to view timesheet data which might be problematic for the project schedule, prior to accepting that data back in the project. Subsequently, Project Managers can take immediate action such as updating the timesheet and redistributing the hours, or, updating the Estimate to Complete for each task on the fly. TimeControl still maintains a complete audit trail of all changes made.

Resource Description	Scheduled Start	Actual Start	Scheduled Finish
JOE Gardner	15 November 2006	02 October 2006	Adjust 20061121
Activity Description: Convene opportunity of screening committee (decis			
Activity ID: 6 / 100XDVD.1.1.4			
Jo Brown	01 May 2003	03 October 2006	Adjust 20030501
Activity Description: Describe new product idea (1-page written disclosu			
Activity ID: 4 / 100XDVD.1.1.2			
Jo Brown	21 April 2003	02 October 2006	Adjust 20030422
Activity Description: Design Interface			
Activity ID: 3 / POLAR.1.2			
Jo Brown	02 October 2006	05 October 2006	Adjust 20061020
Activity Description: Design Reports			
Activity ID: 4 / POLAR.1.3			
Eric Vincent	23 October 2006	02 October 2006	Adjust 20061107
JOE Gardner	23 October 2006	02 October 2006	Adjust 20061107
Activity Description: Identify operating cost elements			
Activity ID: 10 / DATACTR.1.2.4			
Eric Vincent	27 June 2003	03 October 2006	Adjust 20030701
Activity Description: Marketing			
Activity ID: 14 / POLAR.5			
JOE Gardner	01 December 2006	02 October 2006	Adjust 20061215

Server-to-Server Project Management Links

With the new data architecture, TimeControl is now able to create links directly from the TimeControl Server to Project Management systems servers and to schedule the movement of that data to occur unattended. Project Managers and Administrators can schedule work to move at any time or multiple times per day or per week, as required.

Scheduled Project Links

With the new Server-to-Server Project links, it is now possible to schedule transfers of activity information into TimeControl or from TimeControl to the Project Management system so that it can be done in an automated, unattended fashion. Users can schedule daily, weekly, monthly or on-demand project transfers for Microsoft Office Project Server, Primavera's P3e, P5 and P6 and Deltek's Open Plan.

Multi-Level Project Management Integration

You can now integrate a Project Management system at multiple levels. Add additional detail in TimeControl beyond what is being tracked by the PM tool. Or, enter timesheet data in TimeControl at a summary level even when the project data in the PM tool is much more detailed.

PM Link settings/project

The PM Link settings are now in the Project Table and stored for each project which means that specific settings can be maintained during on-demand or scheduled links of data. This can be superseded during PM Exports.

New in TimeControl 5



Enhanced Microsoft Project 2007 Integration

HMS has worked directly with the Microsoft Project Development Team to ensure that TimeControl 5 is fully integrated into Project Standard 2007, Project Professional 2007 and Project Server 2007. There are several new and enhanced areas of functionality including:

Microsoft Project Server 2007 Publish Link

When Project publishes a schedule, it will automatically create a scheduled item in TimeControl in order to import tasks. This will result in the TimeControl charge and project tables always being up to date. Administrators can configure Project Server 2007 to update TimeControl's charge and project lists every time a project is published.

Server-to-Server Integration using the PSI

TimeControl's all new Server-to-Server link moves data to and from Project Server 2007 using the new PSI protocol developed by Microsoft. This gives the interface an enormous range of additional functionality to ensure that data between the two systems is always synchronized.

Integration into the Project Web Access 2007 interface

TimeControl 5 continues the support provided with earlier versions of TimeControl and Project Server by allowing Administrators to deliver TimeControl directly within the Project Web Access menu and interface. Users are provided with an uninterrupted user experience moving from Project to TimeControl.

Project Server 2007 Enterprise Fields

TimeControl 5 provides direct support to integrate Project Server 2007's enterprise fields which can be updated in an automated or on-demand mode with PM Imports.

SharePoint 2007 Integration

TimeControl can now be installed directly into a SharePoint 2007 workspace. When this is done, the TimeControl interface is presented from within SharePoint. For organizations who have selected SharePoint as their primary structure for delivering corporate content, this feature provides users with an uninterrupted user experience when entering their timesheets.

All Tables now include notes information

All TimeControl tables have been enhanced to allow free-form notes for each table record.

The screenshot displays the TimeControl 5 web interface within a Microsoft Internet Explorer browser window. The address bar shows the URL: http://ps2007b2/ProjectServer/_layouts/jwta/timecontrol/timecontrol.aspx. The page title is "TimeControl - Microsoft Internet Explorer".

The interface is divided into several sections:

- Home:** A navigation menu on the left with items: My TimeControl Home, Timesheet, Reports, Tables, Links, Tools, Administrator, Documentation, and Logout.
- My TimeControl Home:** The main content area, featuring a "Vacation/Sick/Personal time remaining" table and a "Personal Timesheet Status" table.
- Timesheets Awaiting Approval:** A section on the right with the text: "At this time, you have no timesheets awaiting approval for the past 2 weeks."
- Announcements:** A section on the right with a "Christmas Party planning" announcement and a "Project Audit on Polar Project" announcement.

The "Vacation/Sick/Personal time remaining" table is as follows:

Severity	Description	Alloted	Taken	Remaining
Green	Vacation Time Remaining	120h	0h	120.0h
Green	Sick Time Remaining	80h	0h	80.0h
Green	Personal Time Remaining	40h	0h	40.0h

The "Personal Timesheet Status" table is as follows:

Severity	Week Ending Date	Status
Red	10/27/2006	MISSING
Red	10/20/2006	MISSING
Red	10/13/2006	MISSING

For more information on TimeControl see: www.timecontrol.com

New in TimeControl 5



Project Table / Project Owner

The Project Table now includes a project owner field which is drawn from the User table. This allows filters, reports and other functions to be controlled within the project table.

Current User Macro

Filters can now be created with a macro for the current user. Entering %CUR_USER% within a filter will use the current user in that filter at run-time. This will allow a filter to be created that will be much more dynamic. For example, a filter can now be defined, as compared to a rate table where only the rates that have an entry in a user-defined field equal to the name of the current user, can be displayed.

Enable Approval Auditing

Whenever the ownership of the timesheet in TimeControl changes, the Enable Approval Auditing feature will create a log entry. This allows the movement of timesheets to be tracked within the system. This will happen each time a timesheet is released, approved, rejected or posted.

Do Not Cache Projects

Some organizations manage thousands of projects. By default, the TimeControl timesheet loads all of these projects into the screen to be available for drop-down lists. However, when the volume is very high, this may not be desired. The "Do Not Cache Projects" option will inhibit the loading of the complete list of projects and will only validate a typed-in entry instead of fetching the entire list. The Ellipses drop down will still work as designed, but unless it is pressed, the list of projects will not be loaded. This will make a significant impact on performance for organizations who manage thousands of projects.

Timesheet Header Fields

We've created a space within the timesheet header area so that selected fields can be displayed. The fields must come from the Employee table but can include any default or user-defined field.

User Profiles / Field Security

We've changed the display and entry for Field Security within User Profiles. All fields are now displayed with their associated tables in a hierarchical view rather than a simple list. This makes it infinitely easier to see what fields are included and where they come from. The display shows all tables in a collapsed format, with those tables that include fields that have been secured, displayed in a bold font.

User Profiles / Menu Security

What we did for fields, we've also done for menu security in User Profiles. The complete menu hierarchy is displayed and functions can then be turned on and off as before. The advantage to this feature, is seeing the results in a very graphic format.

New in TimeControl 5



User Profiles / General Security

We've made some additional enhancements to the User Profiles security model.

Timesheet data for PM Validation

This will allow an Administrator to restrict the data that's displayed in the Project Manager Validation module. With all the changes in the PM Validation module, this new function becomes more important.

What projects can be seen during export

We've extended project security to allow Administrators to restrict what projects will be displayed during the export function. With the new Server-to-Server PM Links, this feature is much more significant.

What projects can be seen during import

We've extended project security to allow Administrators to restrict what projects will be displayed during the import function. With the new Server-to-Server PM Links, this feature is much more significant.

Timesheet full-screen option

Just as in the Drill Down Analyzer, the main timesheet can now be displayed inside the TimeControl menu frame or, as before, in it's own menu in Full Screen mode. For clients with higher screen resolution, we believe the inside-the-frame mode will be more attractive.

User Profiles / Templates

Some organizations who have a high volume of users wish to inhibit the MyTimeControl Home Page from displaying the dashboard controls. This new flag allows the Administrator to prevent the dashboard from loading for this profile.

Lin...	Project ...	Project Des...	Charge Code	Charge Description	Rate Code	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Hours ...
1	POLAR	Polar Develop	POLAR.1	Design	STANDARD		8h	4h30m					20h30m
2	POLAR	Polar Develop	POLAR.3	Design Interface	STANDARD			3h30m	8h	8h			19h30m

New in TimeControl 5



Missing Timesheet Report combo

We've enhanced the Missing Timesheet Report to include an option to select both "missing timesheets" **and** "timesheets that aren't posted" in a single report rather than having to run the report twice.

Employee Table

We've enhanced the entry and display of Vacation, Sick Leave and Personal time to two decimals.

Employee Table

In the Employee Table, an option to pre-load the timesheet defaults can now be selected.

User Options / Timesheet full screen option

We've updated the User Options to allow the Timesheet Full Screen or / Inside-the-frame option to be selected as the default display for a new timesheet entry.

Project Table / Transfer Options

PM Import filter option

Tasks can be filtered to show only a certain level of the project. This is where we define only a summary level of the project to be imported for multi-level integration from TimeControl to a Project Management system.

Charge Table / Sum to Task

On each charge in the Activity Tab, Administrators can elect to summarize this entry to another task. This allows detail to be created in TimeControl at a lower level than what is tracked in the project management system. This is where data is summarized to allow multi-level integration from TimeControl to a Project Management system.

Connection Pool Table

We've added a new table in TimeControl to create data sources for Project Management data. With the new Server-to-Server PM Links, data may come from a variety of sources, some local and some server-based. The Connection Pool table defines these connections in a single area and then allows Project Managers or Administrators to define PM Links from a simple drop-down list of possible data sources.

Table Search

In each table, we've created an incremental search on elements displayed in the left-hand table grid. As the user enters characters in the Search window, the system tries to complete the entry in the window. This makes for very fast searches. The Search function is keyed off of whatever the first field is in the grid. However, since the fields in the grid can be moved, the user can grab another field, such as a description field, and drag it to the left-hand side of the grid list making this the field upon which to search.

New in TimeControl 5



Tools / Options / Report font

Users can now select their own reporting font from the available font list. This provides an option for users to follow corporate reporting guidelines, or for users reporting in a particular language, to select the appropriate font.

Contact us for more information

For further information on the features and enhancements of TimeControl Industrial 5.1, TimeControl 5 and/or for information on our upgrade services, please email info@hmssoftware.ca or call +1 514 695 8122.