DSD Business Systems

Sage 100 Enhancements

TC10

Piecework for Payroll & TimeCard

TC-1010

Version 5.30

Information in this document is subject to change without notice.

Piecework for Payroll & TimeCard User's Manual
Version 5.30

29 February, 2016

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Table of Contents

Section A: Introduction

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

Web Resources

DSD web site: **http://www.dsdinc.com**

The Enhancement page contains:

> *Current Release Schedule*
> *Purchasing Information*
> *Installation Instructions*
> *Product Support*
> *Enhancement Links*

TC10 Piecework for Payroll & TimeCard:

http://www.dsdinc.com/enh/pages/TC10.htm

The product web page contains:

> *Product Description*
> *Web Links*
> *Current Product Version Table*
> *Product Installation File Download*
> *Product Manual in .pdf Format*
> *Revision History*
> *FAQ*

Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

For a hard error, where the program displays an error dialog, report:

> *Error number.*
> *Program name.*
> *Line number.*
> *Program version.*

> *Exact sequence that caused the error, including menus and menu selections.*
> *Other pertinent information.*

If leaving a message or faxing, please include:

> *Your name.*
> *Your phone number (and fax if applicable) and extension.*

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system with Symantec PCAnywhere or by some other means access or duplicate the system.

Piecework for Payroll & TimeCard Features

This Extended Solution to the standard TimeCard for Sage 100 module adds the ability to have an employee's wages calculated 'by the piece' while still continuing to track hours worked via two different calculation methods.

Sage Software Extended Solution TC-1011: *User Defined Fields for TimeCard* must be installed and enabled in order for the 'Comparative Method' calculation to function.

Additional functionality exists when TC-1045: *Employee Rate or Cost Code Rate By Cost Code* is enabled.

Section B: Getting Started

CAUTION

- **If you reinstall or upgrade one of the Sage 100 modules listed in the following table, you must also reinstall this Enhancement.**

- Enhancements from different Sage Developers are generally not designed to work together. If installed together, problems are likely to occur.

- **Check with DSD before installing more than one Enhancement.**

Required Levels

Sage 100 Module	Module Required	Required Level
T/C	Y	5.30

Installation

1. **Back-up:** Exit all Sage 100 sessions. Back-up existing Sage 100 data.
2. **Check Levels:** Sage 100 module levels **must match** those listed above.
3. **Run Enhancement Setup Program:** Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.
4. **Send your Sage Serial Number to your DSD Representative:** Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.
5. **Re-Start Sage 100:** Sage 100 will be updated.
6. **Unlock the Enhancement:** DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the **DSD Enhancement License Agreement and Activation** window will appear. Follow the steps shown on that window. *You can click the Help button for more detailed instructions.*

   Note: On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.

   After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

   File Unlock: After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

   Web Unlock: If the system that is running the DSD Enhancement *has web access* and you *have sent DSD your Sage Serial number*, you can unlock the Enhancement without assistance using

Web Unlock. When this option is selected, the program will attempt to download encrypted serial number key file from DSD *and then proceed to unlock all enhancements contained in the file.*

- *The Sage 100 system that is being used must have web access for this option to be effective.*
- *You can send your Sage Serial Number to your DSD Enhancements sales representative.*

Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

- *Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.*

Manual Entry Unlock: If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

Note: You can also unlock a DSD Enhancement through the DSD Enhancement Control Panel found on the Library Master Utilities Menu. Then, select the Enhancement with your mouse from the list of Enhancements and click the Unlock Product button on the right side of the window.

7. **Convert Data:** After registration, the Data Conversion window will appear. Follow on-screen instructions to complete data conversion. *You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.*

DSD Enhancement Control Panel

Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The **DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.**

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.

View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the "MAS90/PDF" folder and then displayed.

Check the Web for Updates: This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires an FTP web connection on the Sage 100 system.*

Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked.*

Unlock All Products: This will cause the DSD Enhancement All License Agreement and Activation window to appear. This window is similar to the one described on the previous page, but has only web and file as options to unlock. *This button is never disabled.*
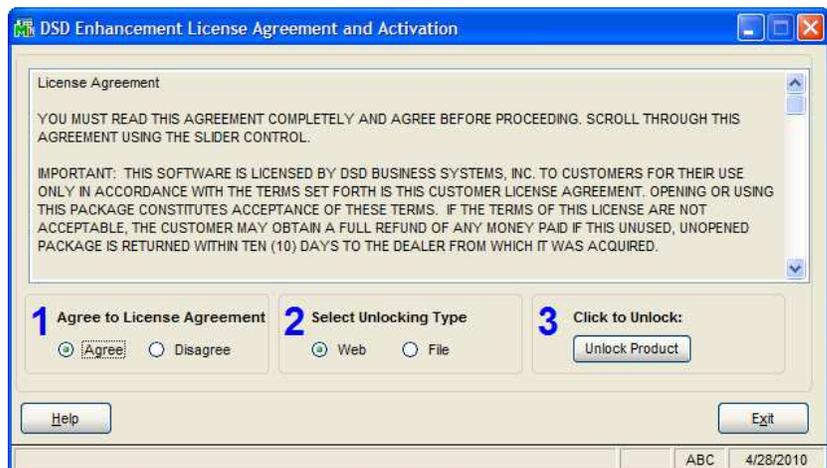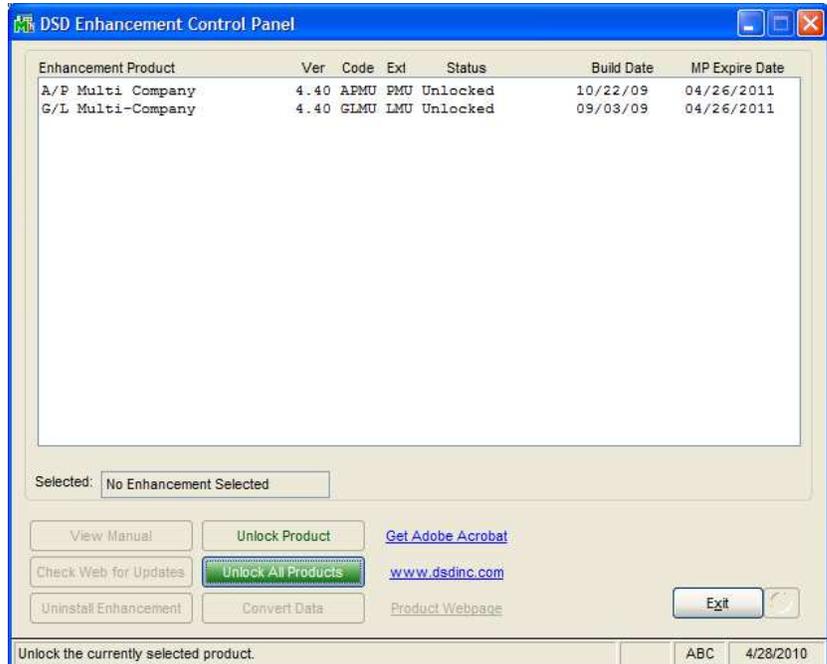
Convert Data: After verification, the selected Enhancements data conversion program will run. Data conversion is non-destructive, and may be triggered any number of times. Sometimes this is required to fix data records imported or updated from a non-enhancement installation.

Help: The Help button, located at the bottom right of the window, opens an HTML help file .

Get Adobe Acrobat: Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

Uninstall Enhancement If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system.

There are also links to the DSD website and the Enhancement page on that site.

Section C: Setup

Upon completion of software installation, you will need to access the DSD Extended Solutions Setup from the TimeCard Setup menu. Select this part number and the Setup screen for this Extended Solution will appear. Check the 'Enable DSD Extended Solution' box to activate this Extended Solution.

Answer the following prompts:

Decimal Places for Number of Pieces: Enter the number of decimal places for Number of Pieces. The resulting numeric mask will be displayed next to the entry.

Post Units as # of Pieces or as Hours: Select '# of Pieces' or 'Hours,' depending on how you would like units posted to Job Cost.

Sage Software Extended Solution TC-1011: *User Defined Fields for TimeCard* must be installed and enabled in order for the 'Comparative Method' calculation to function.

Pay Amount Calculation: Select 'Comparative Method' or 'Pay Rate * # of Pieces.' See Operations for definitions. If 'Comparative' is selected, the user will be prevented from editing the extended pay amount of any TimeCard Entry. If you selected 'Comparative Method' you will have access to the following Setup options:

Department for Alternate Calculation Rule: Enter the Department to be the exception to the 'either Piece Rate or Hourly Rate' rule. This department will get paid both rates.

Premium Pay Earnings Code For Overtime: Enter the Earnings Code you would like to use to hold the calculated Premium Pay for Overtime. It must be of type 'F'ixed.

Department With Daily/Weekly Rules: Enter one department for which the Daily/Weekly rules will be applied.

If you have defined a 'Department with Daily/Weekly Rules' then you will access to the next Setup question and must answer it:

Premium Pay Earnings Code For Double Time: Enter the Earnings Code you would like to use to hold the calculated Premium Pay for Double Time. It must be of type Fixed.

If you selected 'Pay Rate * # of Pieces' you will have access to the following Setup option:

Apply Overtime Rules: Check this option to create overtime entries using standard Sage 100 processing. It will only be used if you have enabled TimeClock.

You should visit this Setup screen after each upgrade or reinstallation of this Extended Solution.

Section D: System Operations

TimeCard Entry

A new field has been added to the TimeCard Entry screen for 'Number of Pieces'. During TimeCard Entry, when a value is entered into this field, the entry's Pay Amount will be determined based on the Pay Amount Calculation selected in Setup.

'Pay Rate * # of Pieces' Calculation

The entry's pay amount is determined by multiplying the Pay Rate by the Number of Pieces. If the Number of Pieces is left blank, standard Sage 100 processing will determine the Pay Amount for that entry. The hours worked field will still be available for entry.

If 'Apply Overtime Rules' is unchecked, and a regular hours entry is generated where a portion of the time puts the user into overtime, a regular entry will be created with the full Number of Pieces entered, and the extended pay amount will not be altered. The Overtime entry will be created with the number of hours it would normally contain, with zero pieces and zero extended-pay amount.

If only an Overtime entry is to be generated, it will contain the full Number of Pieces entered, the pay rate will be determined per standard processing, and the extended amount will be calculated to be the number of pieces times the pay rate.

If 'Apply Overtime Rules' is checked, overtime pay will be calculated on the hours worked using the Employee Pay Rate associated with the overtime Earnings Code. There will be no access to the 'Number of Pieces' field for overtime entries.

If you elected to 'Apply Overtime Rules', this assumes that the Pay Rate field will always be over-ridden in data entry for a Piece Rate record.

Hours Worked Entry

If TimeClock is not enabled and the Pay Amount Calculation is 'Pay Rate * # of Pieces,' then a new button will be available in TimeCard Entry and Edit for 'Hours Worked'. The button will be available once an employee number has been specified. When clicked, the user will be presented with a screen for 'Hours Worked Entry' which allows for rapid editing of the hours worked field for all existing entries which have not been posted to Payroll.   In a grid format, it lists the employee's entries with four columns: Date Worked, Sequence, Number of Pieces and Hours Worked. The only field available for entry is the Hours Worked column. No new entries can be made.

When finished, the user will click OK and all of the TimeCard entries will be updated with the new hours.

Job Cost Interface

Depending on how you answered the Setup question 'Post Units as # of Pieces or as Hours,' when the Job Cost Selection is performed, either the TimeCard entry's Hours Worked or the Number of Pieces will be sent to Job Cost. The rate and amount fields will be used as they normally would.

Payroll Interface

The interface between TimeCard and Payroll will be operationally unaffected by this Extended Solution. The Number of Pieces will *not* transfer to the Payroll module; the Hours Worked will transfer as per standard TimeCard, and Payroll will 'back-calculate' an average hourly pay rate by dividing the Extended Pay Amount by the Number of Hours.

TimeCard Reports

TimeCard Report

Each sort option available on this report has been enhanced to print the Number of Pieces for each applicable entry. A new 'Print Number of Pieces' option, accessible via the 'More...' button, is available from the selector screen.

You can select 'Print Pieces' to print the number of pieces entered (in the column where 'Hours Worked' normally prints), 'Print Hours Worked Only' (the default) to print Hours Worked only or 'Both' to print Number of Pieces when it is not zero and Hours Worked otherwise.

Average Hourly Pay Report
A new 'Print Pieces' option, accessible via the 'More…' button, is available from the selector screen.
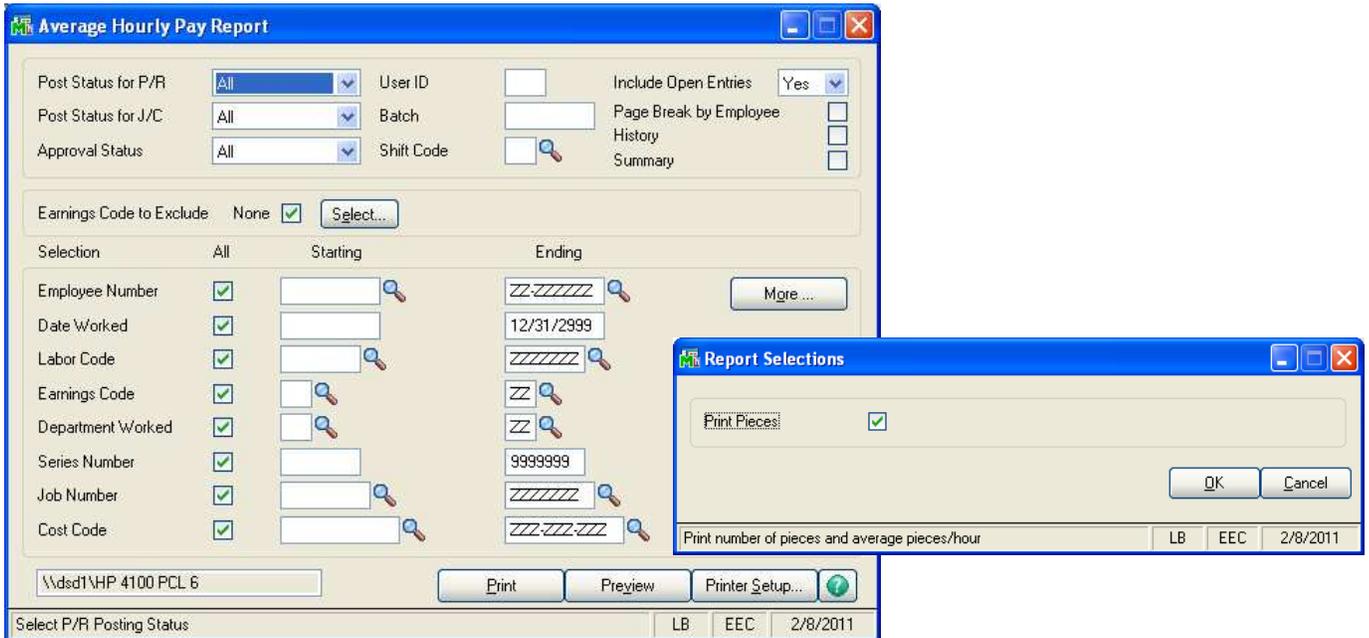
This report will have two new columns for '# of Pieces' and 'Pieces Per Hour'.

TIMECARD AVERAGE HOURLY PAY REPORT

EMPLOYEE NUMBER/NAME	DATE WORKED	EARN CODE	# OF PIECES	HOURS WORKED	AMOUNT PAID	AVERAGE PAY	AVERAGE PIECES/HR
01-0001000 Emerson, David	02/21/11	01	20	8.00	500.00	62.5000	2.5000
	02/22/11	01	30	9.00	750.00	83.3333	3.3333
	02/23/11	01	25	8.75	625.00	71.4286	2.8571
	02/24/11	01	40	8.00	1,000.00	125.0000	5.0000
	02/25/11	01	37	8.00	925.00	115.6250	4.6250
	02/28/11	01	32	8.00	800.00	100.0000	4.0000
			184	49.75	4,600.00	92.4623	3.6985
01-0001005 Aldrich, Michael	02/21/11	01	35	8.00	875.00	109.3750	4.3750
	02/22/11	01	27	9.00	675.00	75.0000	3.0000
	02/23/11	01	35	9.00	875.00	97.2222	3.8889
	02/24/11	01	40	8.00	1,000.00	125.0000	5.0000
	02/25/11	01	44	8.50	1,100.00	129.4118	5.1765
	02/28/11	01	40	9.00	1,000.00	111.1111	4.4444
			221	51.50	5,525.00	107.2816	4.2913
12 ENTRIES for REPORT TOTAL:			405	101.25	10,125.00	100.0000	4.0000

Visual Integrator
The files listed below have been added or changed in the Data Dictionary by this Extended Solution for Visual Integrator purposes.

New File:	*Field:*
TC.TCARD	NO_OF_PIECES
	PIECE_RATE
TC.TCHIST	NO_OF_PIECES
	PIECE_RATE

The Data Dictionary may contain other files and data fields that are not available without their corresponding Sage Software Extended Solutions installed.

Crystal Reports and the ODBC Dictionary
The files listed below have been added or changed in the ODBC Dictionaries by this Extended Solution for Crystal Reports purposes.

File:	*Description*	*Field:*
TC1	TIMECARD Masterfile	NumberOfPieces
		PieceRate
TC3	TIMECARD Masterfile	NumberOfPieces
		PieceRate

Be aware that the ODBC Dictionaries may contain other files and data fields that will be unavailable without their corresponding Extended Solutions installed.

Additional Installed Extended Solutions Functionality

TC-1045, Employee Rate or Cost Code Rate By Cost Code

If you have TC-1045 enabled and are using the 'Pay Rate * No. of Pieces' method, access to the 'Number of Pieces' field will be disabled as TC-1045 determines it should use the Employee's Pay Rate for the entry. If the entry is using the Cost Code Rate, then the 'Number of Pieces' field must be greater than zero in order to accept an entry.

TC-1011, User Defined Fields for TimeCards

'Comparative Method' Calculation

The entry's pay amount can be either Piece Rate or the Employee's Hourly Rate, depending on which is higher. You will have access to the 'Number of Pieces' field as well as an additional 'Per Thousand Piece Rate' field.

During data entry, you will enter data in the following TimeCard fields: Employee Number, Date Worked, Job Number, Cost Code, Hours Worked, Piece Count and Per Thousand Piece Rate.

The following calculations will be performed to determine the Pay Amount:

    a) Regular TimeCard processing of Hours * Rate = x

    b) (Piece Count/1000) * Piece Rate = y

    c) x and y are compared, and whichever is higher = z

    d) Pay Amount is set to z

There is one exception to the 'either Piece Rate or Hourly Rate Rule.' The one Payroll Department, specified in Setup, will get paid **both** the Piece Rate and the Hourly Rate. That department will have sent to Payroll, as a daily entry, the following:

- Total Hours Worked

- A Total Pay Amount, which is defined as:

    (Pay Rate * Hours) + (Piece Count/1000 * Piece Rate)

In addition, you are expected to have set up two Numeric Type UDFs in Sage Software Extended Solution TC-1011: *User Defined Fields for TimeCard*.

- UDF #1 will be called 'Price;' the user will enter data in this field
- UDF #2, 'Sales,' is a calculated field: (UDF #1 * Total Pieces)/1000 = UDF #2

These fields will be used in the 'Weekly Payroll Detail Report' (see Reports, below).

Timecard Premium Pay Utility

This utility is available only if you selected the 'Comparative Method' in Setup.

This utility is available as a new menu option. When you select it, you will be prompted for a range of Employees and a Week Beginning Date. That date will be auto-incremented by six and the result placed in the Week Ending Date field.

When you click the 'Proceed' button, the utility will locate all Employees with open TimeCard entries that total more than forty hours within the date range specified. A Premium Pay Rate will be calculated for these employees.

Premium Pay Rate is defined as: Average Hourly Rate * .5

Average Hourly Rate is calculated as: Total Weekly Pay Amount/Total Hours Worked

The Premium Pay Rate is multiplied by the number of weekly hours over forty.

Example:

The employee has worked 43 hours in the Date Range specified.

The Total Pay Amount is $358 for that same Date Range.

Average Hourly Rate: $385/43 = $8.326

Premium Pay: $8.326 * .5 = $4.163

43 Hours – 40 = 3 hours

3 * $4.163 = $12.49

A TimeCard entry using the Earnings Code specified in setup is created for $12.49.

A register will print, listing all Premium Pay entries created.

TimeCard Premium Pay Utility — Simply Delicious & Natural Food — From: 06/16/03 To: 06/22/03

Employee #	Employee Name	Ttl Weekly Pay	Ttl Weekly Hours	Premium Hours	Premium Pay Rate	Existing PP Entry	Expected Premium Pay	Create PP Entry
010001000	Emerson, David	$887.03	58.00	18.00	$7.65	$76.47	$137.64	$61.17
010001015	Simmons, Steve	$686.03	50.00	10.00	$6.86	$54.88	$68.60	$13.72

The 'Existing PP Entry' column will report any existing TimeCard entries with the specified Premium Pay Earnings Code (from Setup) that the utility found for that Employee in that Date Range. The 'Expected Premium Pay' column will report what this generation of the utility predicts the employee is owed (Premium Pay Rate * Hours Worked over 40). The 'Create PP Entry' column will report what will be posted as an entry to TimeCard.

Once the register has completed printing, you will be prompted to update. The update will create a Premium Pay entry in TimeCard for the amount printed in the Premium Pay Entry column, using the Setup-specified Earnings Code. There will be no hours associated with this entry. The date on the entry will be the Ending Date from the utility selection screen.

Generally, the first column of the report will be zero, and the next two will hold the same value. It is only when the utility is run a second time for the same, or overlapping, date range and there have been changes to the TimeCard entries that affect calculation. If so, then the amount in the Expected Premium Pay column will move to the Existing PP Entry column. The newly-calculated amount will appear in the Expected Premium Pay column, and the difference between the two will print in the last column, to become an additional Premium Pay TimeCard entry.

Department With Daily/Weekly Rules
The Premium Pay Utility will be modified to perform a different Premium Pay Calculation for those employees whose home department matches the Department specified in the new 'Department With Daily/Weekly Rules' Setup question.

Processing will consider
  • all daily hours between 8-10
  • and all weekly hours (not already counted as daily excess) between 40-50 as overtime hours and use the standard Premium Pay calculation
  • all daily hours in excess of 10
  • and all weekly hours (not already counted as daily excess of 10) in excess of 50 as double time hours. Double Time hours will use the Premium Pay rate for those hours that meet the Double time standard. The result of the Double Time calculation will be placed in the fixed type Earnings Code specified in Setup for Double Time

The following is an example for an employee who belongs to the department flagged as the 'Daily/Weekly Rules Department' and who worked 8 hours a day for all seven days of the week. His Total Hours come to 56. Regular Hours are 40, OT Hours are 10, and DT Hours are 6.

If the employee's Total Pay Amount for that week came to $1200, then the OT EA code would contain $107.10, calculated as

    $1200/56 = $21.42
    $21.42 * .5 = $10.71
    10 * $10.71 = $107.10
and the DT Earnings Code would contain: $128.52, calculated as
   6 * $21.42 = $128.52

The report will print one line for Overtime hours, and underneath it, a line for Double Time hours.

JC-1065, Factory Norm Report
This is a new report that is available only if both this Extended Solution and **JC-1065:** *Factory Norms by Cost Code* are installed. This report is available in three sort orders: Job Number/Employee Number/Cost Code, Job Number/Cost Code/Employee Number and Employee Number/Job Number/Cost Code.
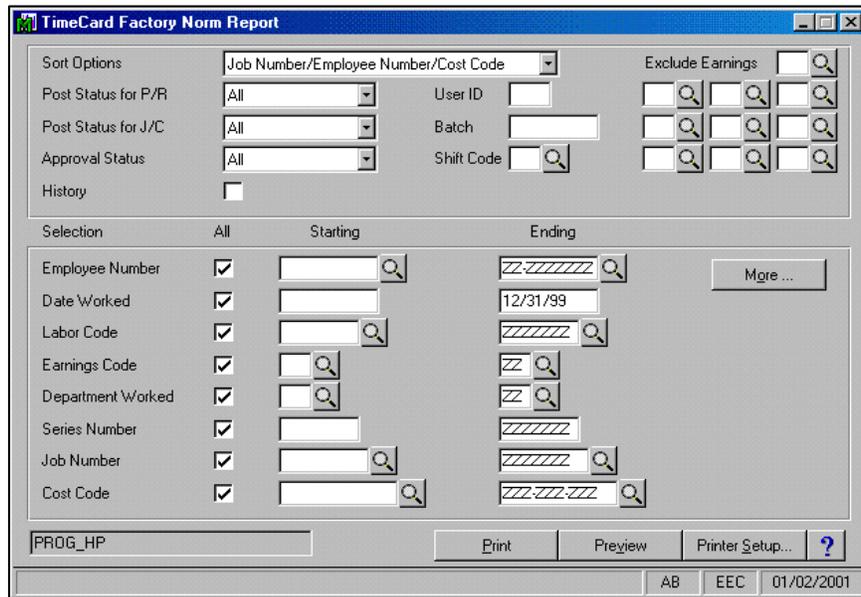
If **TC-1011:** *User Defined Fields for TimeCard* is installed and enabled, this report can be selected by ranges of UDFs, accessible via the 'More' button. The reports run in summary fashion only. (See below for examples of the reports.)

Simply Delicious and Natural Food

TIMECARD FACTORY NORM REPORT

Sorted By Job Number/Employee Number/Cost Code

	# OF PIECES	HOURS WORKED	PIECES PER HOUR	FACTORY NORM	% OF FACTORY NORM
0000-001 Kitchen Remodel					
00-0000010 Ferguson, Jordan					
001-000-000 Prep Work	13.0	9.00	1.4	5.00	28.89%
00-0000010 TOTAL:	13.0	9.00	1.4	5.00	28.89%
11-0000100 THOMAS, JERRY A.					
002-000-000 Clean up	1000.0	40.00	25.0	11.00	227.27%
11-0000100 TOTAL:	1000.0	40.00	25.0	11.00	227.27%
JOB 0000-001 TOTAL:	1013.0	49.00	20.7	8.00	258.42%
0002-000 Bathroom remodel					
11-0000100 THOMAS, JERRY A.					
001-000-000 Prep Work	1.0	9.50	0.1	10.00	1.05%
11-0000100 TOTAL:	1.0	9.50	0.1	10.00	1.05%
JOB 0002-000 TOTAL:	1.0	9.50	0.1	10.00	1.05%
REPORT TOTAL:	1014.0	58.50	17.3	8.67	200.00%

Simply Delicious and Natural Food

TIMECARD FACTORY NORM REPORT

Sorted By Job Number/Cost Code/Employee Number

	# OF PIECES	HOURS WORKED	PIECES PER HOUR	FACTORY NORM	% OF FACTORY NORM
0000-001 Kitchen Remodel					
001-000-000 Prep Work					
00-0000010 Ferguson, Jordan	13.0	9.00	1.4	5.00	28.89%
COST CODE 001-000-000 TOTAL:	13.0	9.00	1.4	5.00	28.89%
002-000-000 Clean up					
11-0000100 THOMAS, JERRY A.	1000.0	40.00	25.0	11.00	227.27%
COST CODE 002-000-000 TOTAL:	1000.0	40.00	25.0	11.00	227.27%
JOB 0000-001 TOTAL:	1013.0	49.00	20.7	11.00	187.94%
0002-000 Bathroom remodel					
001-000-000 Prep Work					
11-0000100 THOMAS, JERRY A.	1.0	9.50	0.1	10.00	1.05%
COST CODE 001-000-000 TOTAL:	1.0	9.50	0.1	10.00	1.05%
JOB 0002-000 TOTAL:	1.0	9.50	0.1	10.00	1.05%
REPORT TOTAL:	1014.0	58.50	17.3	10.00	173.33%

Simply Delicious and Natural Food

TIMECARD FACTORY NORM REPORT

Sorted By Employee Number/Job Number/Cost Code

	# OF PIECES	HOURS WORKED	PIECES PER HOUR	FACTORY NORM	% OF FACTORY NORM
00-0000010 Ferguson, Jordan					
0000-001 Kitchen Remodel					
001-000-000 Prep Work	13.0	9.00	1.4	5.00	28.89%
JOB 0000-001 TOTAL:	13.0	9.00	1.4	5.00	28.89%
00-0000010 TOTAL:	13.0	9.00	1.4	5.00	28.89%
11-0000100 THOMAS, JERRY A.					
0000-001 Kitchen Remodel					
002-000-000 Clean up	1000.0	40.00	25.0	11.00	227.27%
JOB 0000-001 TOTAL:	1000.0	40.00	25.0	11.00	227.27%
0002-000 Bathroom remodel					
001-000-000 Prep Work	1.0	9.50	0.1	10.00	1.05%
JOB 0002-000 TOTAL:	1.0	9.50	0.1	10.00	1.05%
11-0000100 TOTAL:	1001.0	49.50	20.2	10.50	192.59%
REPORT TOTAL:	1014.0	58.50	17.3	8.67	200.00%

Weekly Payroll Detail Report
This is available only if you selected the 'Comparative Method' in Setup. This report details, for each employee selected, TimeCard Entries for the specified date range. The selection criteria for this new report will be Beginning and Ending Employee Number, and Beginning and Ending Date.

The report will print in Employee Number order, page-breaking by Employee. It will print one line for each TimeCard entry in the date range selected detailing the following:

    Job Number
    Customer Number
    Cost Code Description
    Number of Pieces
    Number of Hours
    Hourly Pay Rate
    Piece Rate
    Calculated Hourly Pay (Number of Hours * Hourly Pay Rate)
    Calculated Piece Pay (Number of Pieces/1000 * Piece Rate)
    Price (TC-1011 UDF 1)
    Sales (TC-1011 UDF 2)
    Premium Pay

Each entry will always reflect data in all the columns except 'Hourly Pay,' 'Piece Pay' and 'Premium Pay.' In the first two, only one or the other entry will be reflected; the other column will contain a zero. The program will calculate which one was used for that entry. The calculation will return the appropriate extended pay amount information to the report. The exception to this is the 'One Department for Alternate Calculation' defined in Setup; those employees will have both of the columns filled in. A 'Premium Pay' TimeCard entry will have zeroes in all columns except the Premium Pay column.

The following columns will sum: Number of Pieces, Number of Hours, Hourly Pay, Piece Pay and Sales.

A Totals Section will sum the following:
- Regular Pay (Hourly Pay + Piece Pay)
- Overtime Pay (the sum of all Premium Pay entries)
- Total Gross Pay (the sum of Total Regular Pay + Total Overtime Pay)
- The Employee's Hourly Rate (Pay Rate 1 from the Employee Masterfile)
- Average Hourly Rate (Total Pay for the date range / Total Hours for the date range)
- Total Quantity (Total of the Number of Pieces column)
- Profit (Total of the Sales column – Gross Pay)

Helpful Hints
- On the Factory Norm Report the following calculation take place:

  Pieces Per Hour: # of Pieces/Hours Worked; the resulting value is rounded to the number of decimal places in the mask before printing.

  Factory Norm: When sort option 2 is selected, this simply is the factory norm for the cost code as entered in Job Masterfile Maintenance. When using sort option 1, this same value is used on the Cost Code Line itself, but the total and subtotal lines use the simple mean of the Factory Norms of the cost code lines. This means that the total pieces per hour will equal the total # of pieces/total hours worked.

  Percent (%) of Factory Norm: This is calculated as the Pieces per Hour/Factory Norm * 100.
 Note: The Pieces per Hour value used in the calculation is the full rate to 6 decimal places, not the rounded value as printed.

Section E: Uninstall DSD Enhancements

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.
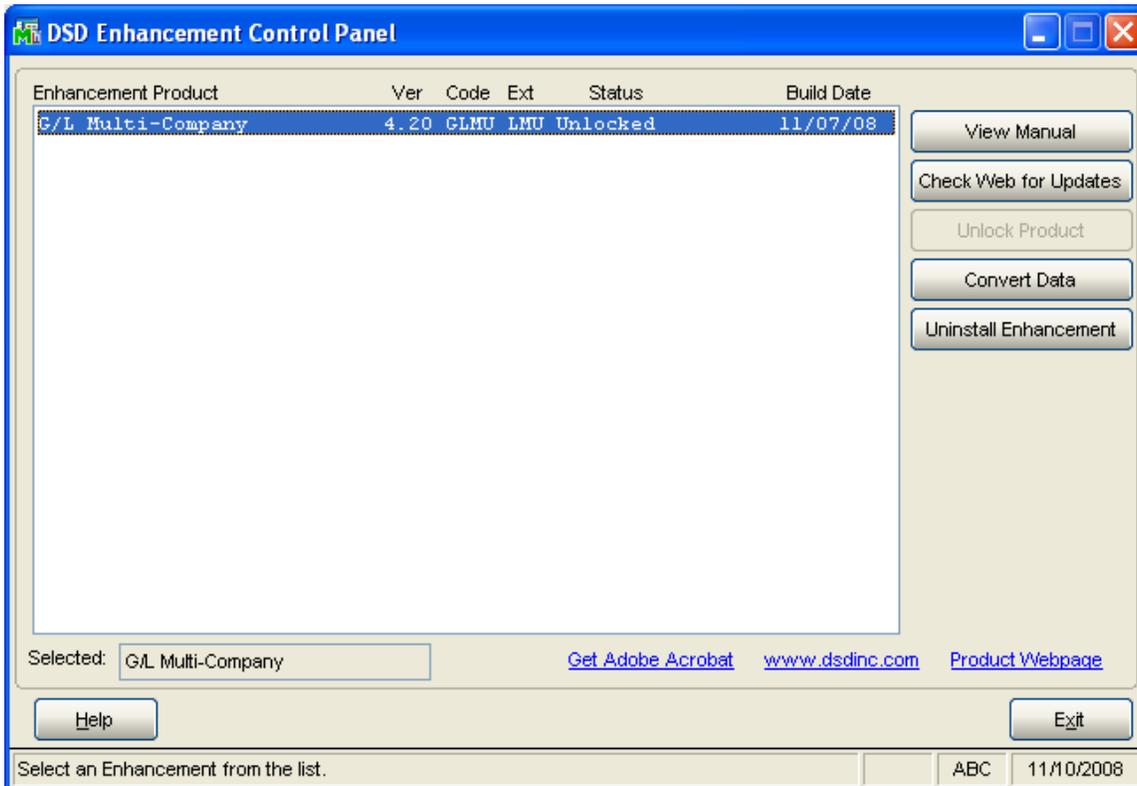

When accessing the **DSD Utility Suite,** select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:
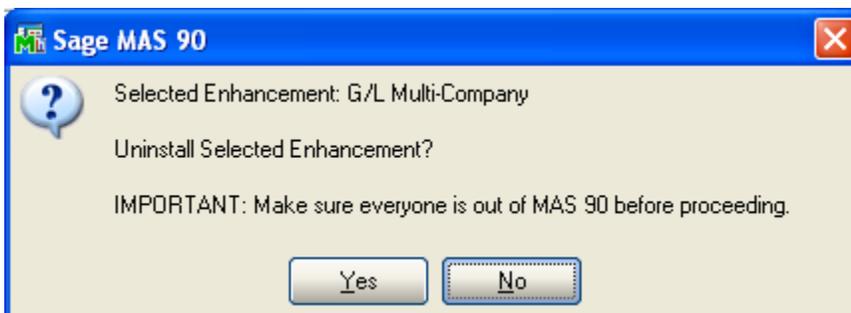
Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process.

The following message box will appear, to remind you that a complete backup of your entire MAS90 system should be completed prior to uninstalling a DSD product.
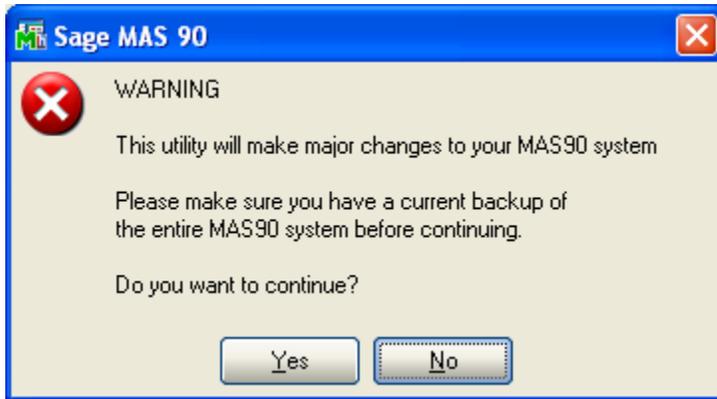
Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process.

After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of MAS Service Packs / Updates, if applicable.

The following message box will appear, and will display which of those specific Sage 100 modules you must reinstall afterwards.

Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process.

The following message box will appear, displaying the final warning message.

Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.
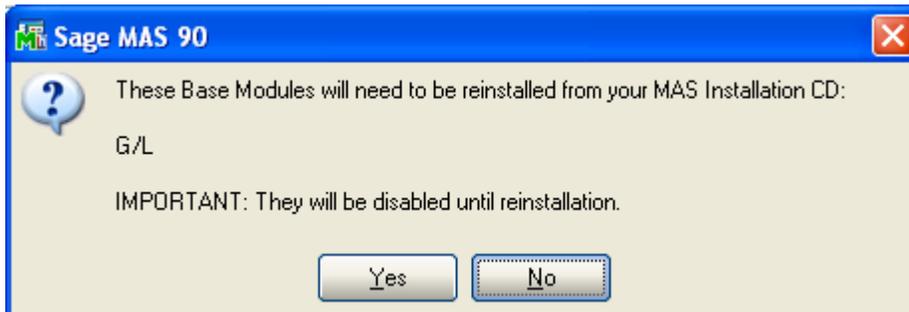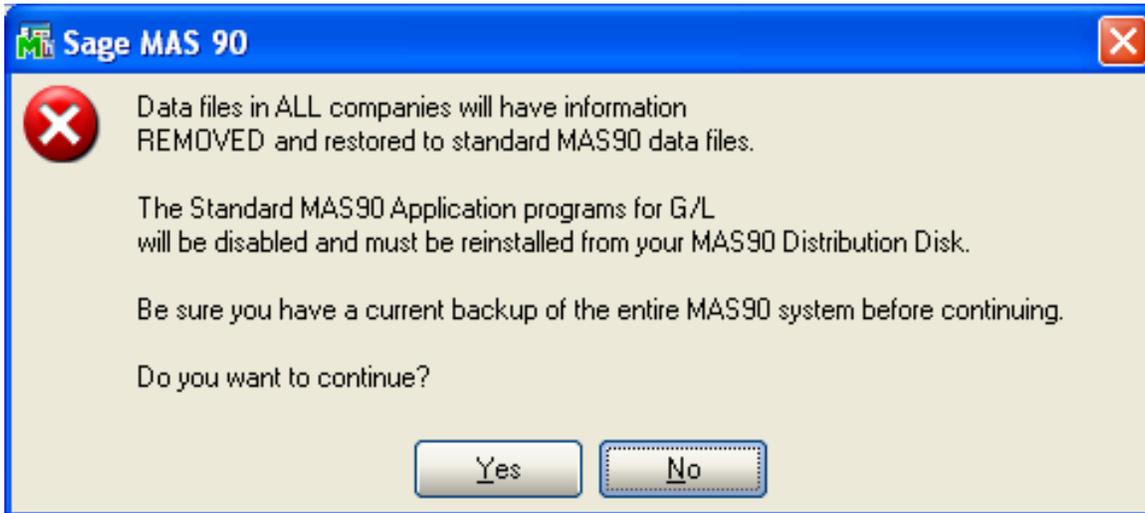

After completion of the Uninstall, the following message box will appear. Select OK to continue.
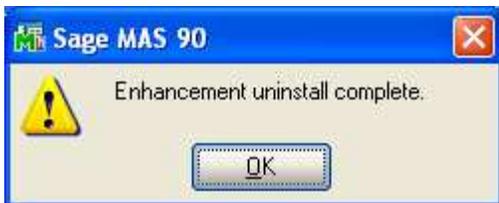
Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Service Pack/Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).

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Subject:	Check One:	Product Problem	Suggestions

Product:	*TC10 Piecework for Payroll & TimeCard*	Version:	*5.30*

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