



Purpose:

The Employee-Scheduling Wall report is an employee-oriented scheduling report that can be posted ahead of time, presenting both the scheduled shift and the scheduled job i.e. Scheduled Department and Scheduled Profession.

Report Layout:

DEMO SYSTEM																																						
Employee Scheduling Report For																	24/01/2005-20/02/2005																					
ant 1 TimeTECH																	Site 1 *		Department 1 Management										Profession 1 CN Chief Nurse									
Employee No. & Name		24/01/2005-30/01/2005							31/01/2005-06/02/2005							07/02/2005-13/02/2005							14/02/2005-20/02/2005															
		Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su		
1119	SHEPPERD MATT	Day	Eve	Nit	Day	Day	Off	Off	Day	Day	Day	Day	Eve	Off	Off	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off			
				Cus	Cus	Cus			Day	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus	Cus		
Department 3 Electrical		Profession 1 CN Chief Nurse																																				
1141 HILLMAN JAKE		Day	Day	Day	Day	Day	Off	Off	Day	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off	Eve	Eve	Eve	Eve	Off	Off			
		JN	JN	JN	JN	JN			AN	AN	AN	AN	AN	AN									JN	JN	JN	JN	JN			JN	JN	JN	JN					
1023 JORDAN ANDREW																																						
1043 PARRA LUISA																																						

Each "Employee Line" contains between 1-3 actual lines. One line for the Shift Designator, a 2nd line if employee works in a non-default Area (Job Scheduling L1) on a given day and a 3rd line if Employee works in a non-default Profession (Job Scheduling L2) on a given day.

The lines (per employee) are entirely dynamic; hence they are generated based on the employee's "home" department and "home" profession i.e. an Employee may have

- (a) one line (when s/he is scheduled to his "home" dept and "home" Profession)
- (b) Two lines (when s/he is scheduled to his "home" dept and "non-home" profession VICE VERSA)
- (c) Three lines (when s/he is scheduled to his "non-home" dept and "non-home" profession.

Designators

Shift: The shift designator (3 letters) is retrieved from the parameter Table, based on the "shift matching" rules specified in the parameter file.

Department: The Department designator (3 letters) is retrieved from the Department table, based on the value entered in the employee's Job Schedule (JOBCRNSC Table).

Profession: The Profession designator (3 letters) is retrieved from the Profession table, based on the value entered in the employee's Job Schedule (JOBCRNSC Table).



Environment:

TK-SQL Only

Required Program Files:

Programs		
RLTHCFSQL.DLL	January 27 th , 2005 (or later)	
Files to be converted from TK2000		
IMAGE.DBF IMAGE.CDX	January 27 th , 2005 (or later)	Requires conversion to TK-SQL. Both for existing customers & new customers.
MES40	January 16 th , 2005 (or later)	Requires conversion to TK-SQL. Both for existing TK-SQL customers & new customers.
MES80	January 12 th , 2005 (or later)	Requires conversion to TK-SQL. Both for existing TK-SQL customers & new customers.
Upgrade Tables (existing TK customers & New customers)		
PARAM Table		Requires upgrade via script
SELECT Table		Requires upgrade via script
Profs Table		Requires upgrade via script

Installation:

1. Copy the RLTHCFSQL.DLL program to the TK-SQL directory
2. Convert IMAGE, MES40 and MES80 from FoxPro to SQL (Only needed for TKSQL versions before the 17th of January 2007).
3. Upgrade PARAM and SELECT tables by running **UP_SEL_PARAM_RLTHCF.SQL** and **LP_REPRLTHCFSELECT.SQL** (Only needed for TKSQL versions before the 17th of January 2007).

Setup Steps:

4. **Add the report to the menu** (and/or the TOOLMENU), using the following parameters
Menu name = Employee Scheduling - Wall report
Program name = RLTHCF
Program type = Report



5. Parameter file settings

Parameters' Files Table

File Name: RLTHCF File Description: Param file for WALL Report Report Name: RLTHCF

Add Group Remove Group

Group	Lines' Content In The Current Group
1	Line Descriptor - Dept description, Profession description
2	Lines to Print (1-Shift, 2-Shift & Dept, 3- Shift & prof, 4-All)
3	Record Details (Code, Description, In1, Out1, In2, Out2)- 50 Lines Max
4	Specify Absences NOT to Display

Line Contents

Line	Line Contents
1	RHA,JOB
2	
3	
4	
5	
6	

Group 1 – Line descriptor

As previously described, the lines are created dynamically and in some cases (specifically "home" dept and "non-home" profession vs. "none-home" department and "home" profession) it may cause a confusion (e.g. Does CN designate a department or profession?).

In order to prevent this from happening, the report allows adding a legend for the second line (and the third – if such is created). The line descriptor is 5-character long. It allows blanks (,) when the descriptor is not required.

Getting Results (for the descriptor specified in the example above):

DEMO SYSTEM

Employee Scheduling Report For24/01/2005-20/02/2005

Page No.1
Production Date...30/01/2005
Production Time...12:09

plant1 TimeTECHSite1 *Department1 ManagementProfession1 CN Chief Nurse

Employee No. & Name	24/01/2005-30/01/2005							31/01/2005-06/02/2005							07/02/2005-13/02/2005							14/02/2005-20/02/2005						
	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
1119 SHEPPERD MATT Dept Prof	Day	Eve	Nit	Day	Day	Off	Off	Day	Day	Day	Day	Eve	Off	Off	Day	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off
			Cus	Cus	Cus			Cus	Cus	Cus	Cus	Cus			Cus	Cus	Cus	Cus	Cus	Off	Off	Pai	Pai	Pai	Pai	Pai		
			AN					JN	JN	JN	JN	JN			JN	JN	JN	JN	JN	Off	Off	AN	AN	AN	AN	AN		

Department3 ElectricalProfession1 CN Chief Nurse

1141 HILLMAN JAKE Dept Prof	Day	Day	Day	Day	Day	Off	Off	Day	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off
	JN	JN	JN	JN	JN			Cus	Cus	Cus	Cus	Cus								Off	Off	Man	Man	Man	Man	Man		
	JN	JN	JN	JN	JN			AN	AN	AN	AN	AN			JN	JN	JN	JN	JN	Off	Off	JN	JN	JN	JN	JN		

Group 2 – number of lines to Print



Environments where employees do NOT switch Areas and Professions can be set as "1 line".
Environments where employees can switch Areas but NOT Professions can be set as "2 lines".
Environments where employees can switch BOTH Areas and Professions can be set as "3 lines"

Detailed Example

Add Group	Group	Lines' Content In The Current Group	Remove Group
	1	Line Descriptor (Department description, Profession description)	
	2	Lines to Print (1-Shift, 2-Shift & Dept, 3-Shift & Prof, 4-All)	
	3	Cube Details - Code,description, In1,In2,out1,out2 (MAX 50 LINE)	
Line		Line Contents	
1		4	

Example for one line

DEMO SYSTEM

Employee Scheduling Report For24/01/2005-20/02/2005

Page No.1
Production Date...30/01/2005
Production Time...12:48

plant1 TimeTECHSite1 *Department1 ManagementProfession1 CN Chief Nurse

Employee No. & Name	24/01/2005-30/01/2005								31/01/2005-06/02/2005								07/02/2005-13/02/2005								14/02/2005-20/02/2005							
	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su				
1119 SHEPPERD MAT	Day	Eve	Nit	Day	Day	Off	Off	Day	Day	Day	Day	Eve	Off	Off	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off					
Department3 Electrical	Profession1 CN Chief Nurse																															

1141 HILLMAN JAKE	Day	Day	Day	Day	Day	Off	Off	Day	Day	Day	Day	Day	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off	Eve	Eve	Eve	Eve	Eve	Off	Off
1023 JORDAN ANDREW																												

Example for three lines

DEMO SYSTEM

Employee Scheduling Report For24/01/2005-20/02/2005

Page No.1
Production Date...30/01/2005
Production Time...12:59

plant1 TimeTECHSite1 *Department1 ManagementProfession1 CN Chief Nurse

Employee No. & Name	24/01/2005-30/01/2005								31/01/2005-06/02/2005								07/02/2005-13/02/2005								14/02/2005-20/02/2005							
	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su				
1119 SHEPPERD MATT Dept Prof	Day	Eve	Nit Cus AN	Day Cus	Day Cus	Off	Off	Day Cus JN	Day Cus JN	Day Cus JN	Day Cus JN	Eve Cus JN	Off	Off	Day Cus	Day Cus	Day Cus	Day Cus	Day Cus	Off	Off	Eve Pai AN	Eve Pai AN	Eve Pai AN	Eve Pai AN	Eve Pai AN	Off	Off				

Department3 ElectricalProfession1 CN Chief Nurse

1141 HILLMAN JAKE Dept Prof	Day JN	Day JN	Day JN	Day JN	Day JN	Off	Off	Day Cus AN	Day Cus AN	Day Cus AN	Day Cus AN	Day Cus AN	Off	Off	Eve JN	Eve JN	Eve JN	Eve JN	Eve JN	Off	Off	Eve Man JN	Eve Man JN	Eve Man JN	Eve Man JN	Eve Man JN	Off	Off
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Group 3 – Record Details

- **Code** – Shift description, 3 letters e.g. "Day" for morning shifts, "Aft" for afternoon shifts etc. The description will be display in the upper section of the "employee cube" in the report.

Employee No. & Name	24/01/2005-30/01/2005							31/01/2005-06/02/2005							07/02/2005-13/02/2005							14/02/2005-20/02/2005						
	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su
1119 SHEPPERD MATT	Day	Eve	Nit	Day	Day	Off	Off						Off	Off						Off	Off							

- **Description** – Detailed description of the shift i.e. the detailed description of the "Day" shift is "Morning Shift". The description is displayed in the legend, at the bottom of the page/the report upon users' selection when producing the report.
- **IN1, IN2, OUT1, OUT2** – The IN/OUT pairs are used for shift matching i.e. the Morning shift is 07:00-15:00. The shift matching for the morning shift can be set to

IN: 06:00-09:00
OUT: 13:00-17:00

In this case, the following shifts will be displayed as morning shifts: 07:00-15:00, 08:00-16:00, 09:00-17:00 etc. 10:00-15:00 will be flagged as Shift failed (SM!) for that day.

Group 4 – Absences not to display

Specify the absences that should be excluded from the report (e.g. Days off on Weekends etc)

Group	Lines' Content In The Current Group
1	Line Descriptor - Dept description, Profession description
2	Lines to Print (1-Shift, 2-Shift & Dept, 3- Shift & prof, 4-All)
3	Record Details (Code, Description, In1, Out1, In2, Out2)- 50 Lines Max
4	Specify Absences NOT to Display

Add Group Remove Group

Line	Line Contents
1	0,1,97,98,99
2	



Important: The wall report is specifically designed to present changes in the "default" department and the "default" profession. Therefore, the selected TC levels (using for Job Scheduling) must be identical to department and profession fields, in terms of the properties (lengths and type-Numeric/Alpha) and the values (list of departments, list of professions).

Any mismatch in the field settings, will prevent the report from functioning correctly (Department and Profession descriptions will not be displayed etc).



Additional Options via the report's Select Screen

Date For 24/01/2005	
plant 1 - 999999	Report Sorting By- Employee Number
Site 1 - 999999	Page Break On Change Of No Break
Department 1 - 9999999999	Print Format Landscape
Profession 1 - 9999	Weeks To Print- 4 weeks
Employee 1 - 9999999999999	Print Legend- In The End Of Report
	Send Report To Screen
	Use Parameters File RLTHCF Param file for RLTHCF report
Number Of Copies 1	

- Report Filters: Plant/ Site/ Department/ Profession/ Employee
- Report sorting by: Employee Number/Employee Name
- Page Break: Plant/Site/Department/Profession/None
- Print Format: Portrait/Landscape
- Weeks to Print: 1 week/2 Weeks/4 Weeks/6 Weeks
- Print Legend: Do not Print/End of the page/End of report
- Send Report to: Printer/Print Preview/Screen/File/HTML