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ORTEC Workforce Scheduling 7

User Manual

Module BI Support



May 2025

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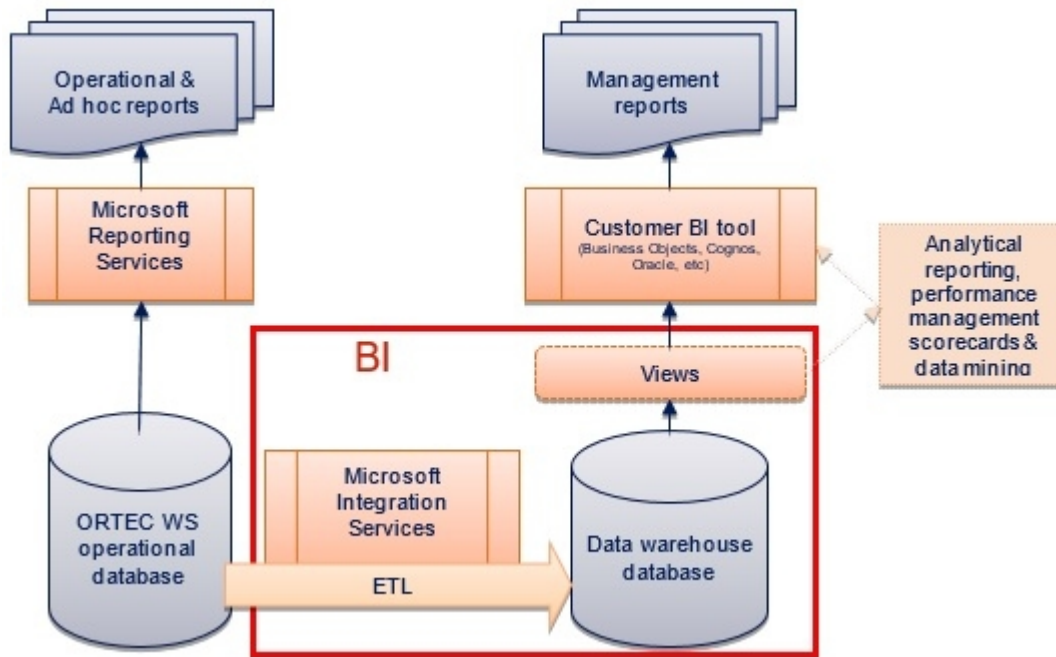
1 BI Support

ORTEC Workforce Scheduling contains valuable information for management reports that can help improve the quality of workforce scheduling. However, **ORTEC WS**'s database is optimized for operational purposes and therefore less suitable for creating management reports. The **BI Support** module offers a solution by providing an **ORTEC WS** DataMart, generated from the **ORTEC WS** database, which is specifically designed for creating management reports. These reports can provide insight into operational and overhead hours, the alignment of planned deployment with staff availability, and violations of labor regulations.

2 Background

2.1 Positioning of BI Support

The BI Support module is used in the process of creating reports from ORTEC Workforce Scheduling. The data from the ORTEC operational database is transformed and moved to a data warehouse using Microsoft Integration Services. The data warehouse consists of two databases: HDM (Workforce Scheduling DataMart) and HDM-Stage. The data is first stored in HDM-Stage and then transformed for reporting and stored in HDM. Views are added to HDM for reporting purposes and to allow adjustments to the HDM data model without affecting existing reports. Management reports should always be created on the views. Customers using their own analysis tools, like data mining, should also use the views. The following diagram illustrates the position of BI Support in the report creation process:



2.2 BI Support views

| View Type | View Name | Description |
|-----------|---------------|--|
| Fact | FACT views | Contain values used for reporting, such as availability of employee or scheduled working time. |
| Dimension | DIM views | Contain dimensions, such as employee, date, time, department, and cost center. |
| Example | Example views | Provide the same information as FACT views, but with reference keys replaced by names of objects in dimensions. In the example view the actual name of the department is presented, which makes it easier to understand the data and to create simple reports showing this data. |
| Bridge | BRDG views | Provide hierarchical structure of data for organizational structure (departments) and cost centers. |

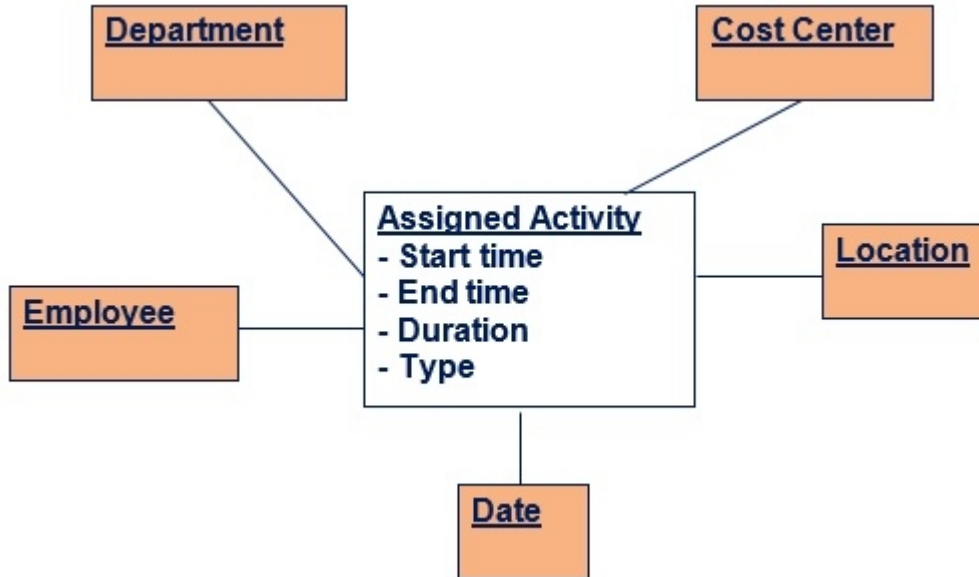
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The diagram below shows an example of the fact 'Assigned activity'. A report can be created to present the 'duration' of assigned activities. In addition there is also a start time, end time and (activity)type available for each assigned activity. The duration of assigned activities can be reported per department, per cost center, per location, per date and per employee. These are the different dimensions.



2.3 ORTEC System Configuration

BI Support settings can be configured in the **ORTEC System Configuration** application.

Example

| Setting Name | Running | Default | Store... | Description | Path | Comment |
|--|------------|------------|----------|--|---------------|---------|
| ACCOUNTS (CBS Dataloads) | | | | The running accounts for BI Dataloads. | CBS Dataloads | |
| ACCOUNTS_DEPARTMENT (CBS Dataloads) | | | | The running accounts department for BI Dataloads. | CBS Dataloads | |
| HL_END_DATE (CBS Dataloads) | 2018-01-01 | 2018-01-01 | | Enddate of the Historical Load | CBS Dataloads | |
| HL_START_DATE (CBS Dataloads) | 2017-01-01 | 2017-01-01 | | Startdate of the Historical Load | CBS Dataloads | |
| HL_VALID_FROM_DATE (CBS Dataloads) | 1899-12-30 | 1899-12-30 | | Valid from date of the Historical Load | CBS Dataloads | |
| IL_END_DATE (CBS Dataloads) | Date | Date | | The sort of period for an incremental load. | CBS Dataloads | |
| IL_END_VALUE (CBS Dataloads) | 2018-01-01 | 2018-01-01 | | Endvalue of the Incremental Load | CBS Dataloads | |
| IL_START_DATE (CBS Dataloads) | Date | Date | | The sort of period for an incremental load. | CBS Dataloads | |
| IL_START_VALUE (CBS Dataloads) | 2017-01-01 | 2017-01-01 | | Startvalue of the Incremental Load | CBS Dataloads | |
| IL_VALID_FROM_DATE (CBS Dataloads) | 1899-12-30 | 1899-12-30 | | Valid from date of the Incremental Load | CBS Dataloads | |
| LoadlinesDescriptionAndTimesType (CBS Dataloads) | False | False | | Specifies whether illness details will be processed. | CBS Dataloads | |
| MaximumRetries (CBS Dataloads) | 2 | 2 | | The maximum number of times BI will retry. | CBS Dataloads | |
| PROPERTIES (CBS Dataloads) | | | | The properties for BI Dataloads. | CBS Dataloads | |

Setting value: Setting comment: Setting export:

accounts:

The running accounts for BI Dataloads. This setting will define the running accounts that will be exported for employees for BI Dataloads.

Revert to default: [Apply] [Cancel]

2.4 Updating data

Slowly changing dimensions

As an example we will take the employees dimension table. In this table you can find values such as employee number, contract number, birth date, gender and first name. Now, there are two types of attributes that distinguish columns, the so-called 'Changing attribute' and 'Historical Attribute'. Whenever the values in columns with type 'Changing attribute' change, the values will be replaced in the database. Examples are the columns birth date, gender and first name. But if the values in columns with type 'Historical Attribute' change, a new record will be created in the database. The old value will be closed by entering an effective until date. Examples are employee number and contract number.

Historical load versus incremental load

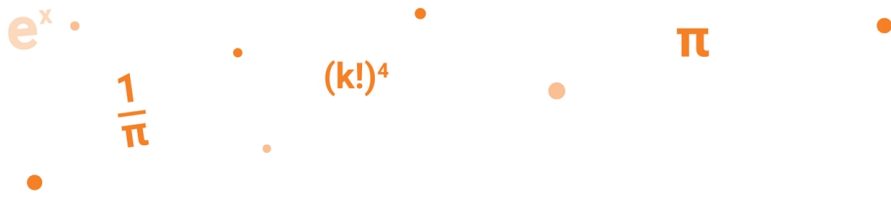
The first time the ETL will be run, it will use the 'Historical load' to load data from older (already closed) years into the BI database (for example 2008 and 2009). The Historical load will only run once, as it is assumed that the data is not going to change anymore. Then, each night the 'Incremental load' will run (for example 2010). So every night this run will refresh the data for 2010. Refresh means in most cases removing and re-adding data, except in the tables using the slow changing dimensions.

Required time to run the incremental load

The incremental load usually runs every night. The time required to run the incremental load, depends on many aspects such as:

- Number of employees in ORTEC Workforce Scheduling;
- Number of accounts and account entries that have to be calculated;
- Computing performance of ORTEC Workforce Scheduling server and ETL server.

Please take into account that a run will take a couple of hours. One part is computing time on the ORTEC Workforce Scheduling server and the other part is computing time on the ETL server.



3 Views in Workforce Scheduling DataMart

Reports are based on the views in the **Workforce Scheduling DataMart**.

3.1 Views



In all views, activities that continue over the night will be split into two activities, one until midnight and one for the remaining part.

| View | Content |
|-------------------------------|--|
| DIM_US_Account | Contains the accounts used |
| DIM_US_Account_Category | Contains the account categories used |
| DIM_US_Activity_Type | Contains the activity types used |
| DIM_US_Cost_Center | Contains the cost centers used |
| DIM_US_Date | Contains the dates used (from 1900 until 2020) |
| DIM_US_Department | Contains the departments used |
| DIM_US_Employee | Contains the employees used |
| DIM_US_Location | Contains the locations used |
| DIM_US_Position | Contains the positions used |
| DIM_US_Property | Contains the properties used |
| DIM_US_Time | Contains the times used |
| DIM_US_Workstation | Contains the workstations used |
| FACT_US_Account_Entry | Contains the account entries on various accounts |
| FACT_US_Assigned_Activity | Contains the assigned activities (realized and future activities) |
| FACT_US_Assigned_Shift | Contains the assigned shifts (realized and future shifts) |
| FACT_US_Budget_Line | Contains the account entries of type "budget" (only manually entered budget entries; calculated budget entries will be of type "Calculated") |
| FACT_US_Cyclical_Activity | Contains cyclical activities |
| FACT_US_Cyclical_Shift | Contains cyclical shifts |
| FACT_US_Demand_Activity | Contains the demand per activity |
| FACT_US_Demand_Shift | Contains de demand per shifts |
| FACT_US_Department_Entry | Contains account entries for departments (entries without employees and a total for all employee entries per department) |
| FACT_US_Department_Property | Contains the property values linked to departments |
| FACT_US_Employee_Availability | Contains the availability of the employee based on contract hours per department (a record per day) |
| FACT_US_Employee_Property | Contains the property values linked to employees |
| FACT_US_Employee_Reassignment | Contains the reassignments per employee including time of reassignment (number of days before shift) |
| FACT_US_Employee_Request | Contains requests of employees |
| FACT_US_Employee_Sick_Leave | Contains sick leave per employee (one record per day of sick leave) |
| FACT_US_Employee_Violation | Contains violations per employee |
| FACT_US_Published_Activity | Contains the activities at the time the schedule was published |
| FACT_US_Published_Shift | Contains the shifts at the time the schedule was published |
| FACT_US_Schedule_Status | Contains status information of scheduling periods |
| FACT_US_Vacant_Activity | Contains the activities still to be assigned |
| FACT_US_Vacant_Shift | Contains the shifts still to be assigned |
| BRDG_Costcenter_ | Contains the hierarchical structure of cost centers |

| View | Content |
|---------------------------|--|
| Hierarchy | |
| BRDG_Department_Hierarchy | Contains the hierarchical structure of departments |
| BRDG_Location_Hierarchy | Contains the hierarchical structure of locations |
| EX_US_Assigned_Shift | Contains assigned shifts (realized and future shifts) with references to actual names of dimensions instead of dimension keys. |
| EX_US_Account_Entry | Contains account entries with references to actual names of dimensions instead of dimension keys. |

3.2 Data available in views

Here you'll find an overview of the data available in the views.

View BRDG_US_Cost_Center_Hierarchy

| Column | Description |
|---------------------------------|---|
| Parent_Cost_Center_Key | Datamart ID for parent cost center |
| Child_Cost_Center_Key | Datamart ID for child cost center |
| Levels_Between_Parent_And_Child | The number of levels between parent and child |
| Child_Name | Name of child |
| Lowest_Level_Flag | Indicates whether this cost center is on the lowest level |
| Highest_Level_Flag | Indicates whether this is the highest cost center |
| Effective_From_Date | The information in the row is valid as of this date |
| Effective_Until_Date | The information in the row is valid until this date |
| Active_Flag | Indicates whether the information in this row is valid/active |

View BRDG_US_Department_Hierarchy

| Column | Description |
|---------------------------------|---|
| Parent_Department_Key | Datamart ID for the parent department |
| Child_Department_Key | Datamart ID for the child department |
| Levels_Between_Parent_And_Child | The number of levels between parent and child |
| Child_Name | Name of child |
| Lowest_Level_Flag | Indicates whether this department is on the lowest level |
| Highest_Level_Flag | Indicates whether this is the highest department |
| Effective_From_Date | The information in the row is valid as of this date |
| Effective_Until_Date | The information in the row is valid until this date |
| Active_Flag | Indicates whether the information in this row is valid/active |

View BRDG_US_Location_Hierarchy

| Column | Description |
|---------------------------------|--|
| Parent_Location_Key | Datamart ID for the parent location |
| Child_Location_Key | Datamart ID for the child location |
| Levels_Between_Parent_And_Child | The number of levels between parent and child |
| Child_Name | Name of child |
| Lowest_Level_Flag | Indicates whether this location is on the lowest level |
| Highest_Level_Flag | Indicates whether this is the highest location |

| Column | Description |
|----------------------|---|
| Effective_From_Date | The information in the row is valid as of this date |
| Effective_Until_Date | The information in the row is valid until this date |
| Active_Flag | Indicates whether the information in this row is valid/active |

View DIM_US_Account

| Column | Description | SCD |
|----------------|---|-----|
| Account_Key | Datamart Account ID | - |
| Name_Account | Accounts Account management Name | CA |
| Description | Accounts Account management Description | CA |
| Code_Account | Account code (not visible in Workforce Scheduling Client) | CA |
| Account_Type | Accounts Accountmanagement Type of entries Type of entries Indicates whether the type of entry is Time, Payment or Amount. | CA |
| Export_Code | Export code of the account (not visible in Workforce Scheduling Client) | CA |
| Start_Date_Key | Datamart ID for start date Accounts Account management Valid from | CA |
| End_Date_Key | Datamart ID for end date Accounts Account management Valid until | CA |

View DIM_US_Account_Category

| Column | Description | SCD |
|----------------------|---|-----|
| Account_Category_Key | Datamart ID for Account category | - |
| Account_Key | Datamart ID for Account | HA |
| Account_Name | Accounts Account management Name | HA |
| Name_Category | Accounts Account management Name of category | HA |
| Code_Category | Code of the category (not visible in Workforce Scheduling Client) | HA |
| Description | Accounts Account management Description of the category | CA |
| Import_Code | Accounts Account management Import code | HA |
| Export_Code | Accounts Account management Export code | HA |
| Start_Date_Key | Datamart ID for start date Accounts Account management Account categories Valid from | |
| End_Date_Key | Datamart ID for end date Accounts Account management Account categories Valid until | |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Activity_Type

| Column | Description | SCD |
|--------------------|---|-----|
| Activity_Type_Key | Datamart ID for activity type | - |
| Name_Activity_Type | Maintenance Organization Activity type Name of Activity type | HA |
| Description | Maintenance Organization Activity type Description of activity type | HA |
| Import_Code | Maintenance Organization Activity type Import code | HA |
| Export_Code | Maintenance Organization Activity type Export code | HA |
| Activity_Class | Maintenance Organization Activity type Class | HA |

| Column | Description | SCD |
|----------------------|---|-----|
| Start_Date_Key | Datamart ID for start date Valid from (not visible in Workforce Scheduling Client) | |
| End_Date_Key | Datamart ID for end date Valid until (not visible in Workforce Scheduling Client) | |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Cost_Center

| Column | Description | SCD |
|----------------------|--|-----|
| Cost_Center_Key | Datamart ID for cost center | - |
| Name_Cost_Center | Maintenance Cost center Name of cost center | HA |
| Description | Maintenance Cost center Description of cost center | HA |
| Code_Cost_Center | Code of cost center (not visible in Workforce Scheduling Client) | HA |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Date

| Column | Description |
|----------------------------------|--|
| Date_Key | Datamart ID for date |
| Full_Date | Full date [Example 1929-01-15 00:00:00.000] |
| Day_Number_In_Month | Day number in month |
| Day_Number_In_Year | Day number in year |
| Week_Number | Week number |
| Month_Number | Month number |
| Month_Name | Month name |
| Year_Number | Year number |
| Quarter_Number | Quarter number |
| Date_Format_YYYYMMDD | Date in YYYYMMDD [Example 20090115] |
| Weekend_Flag | Indicates whether the date is in a weekend |
| Day_Of_Week_Name | Name of day of the week |
| Leap_year_Flag | Indicates whether the date is in a leap year |
| Day_Number_In_Week | Day number in the week |
| Full_Date_Caption | Full date abbreviated [Example: 1929-01-15] |
| Half_Year_Number | Half year number |
| Year_Quarter_Caption | Year number and quarter number [Example: 1929-Q1] |
| Year_Half_Year_Caption | Year number and half year number [Example: 1929-H1] |
| Year_Month_Caption | Year number and month number [Example 1929-01] |
| Salary_Period_Name | Name of salary period |
| Salary_Period_Description | Description of salary period |
| Holiday_Flag | Indicates whether the date is on a holiday |
| Holiday_Name | Name of the holiday |
| Holiday_Description | Description of the holiday |
| Workforce Scheduling_Active_Flag | Indicates whether the date is active in Workforce Scheduling |

View DIM_US_Department

| Column | Description | SCD |
|----------------------|---|-----|
| Department_Key | Datamart ID for department | - |
| Name_Department | Maintenance Organization Properties Name | HA |
| Description | Maintenance Organization Properties Description | HA |
| Abbreviation | Maintenance Organization Properties Abbreviation | HA |
| Code_Department | Maintenance Organization Properties Code | HA |
| Import_Code | Maintenance Organization Properties Import code | HA |
| Export_Code | Maintenance Organization Properties Export code | HA |
| Flexpool_Flag | Maintenance Organization Properties FlexPool | HA |
| Cost_Center_Key | Datamart ID for cost center Maintenance Organization Properties Cost Center | HA |
| Start_Date_Key | Maintenance Organization Properties Valid from | |
| End_Date_Key | Maintenance Organization Properties Valid until | |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Employee

| Column | Description | SCD |
|------------------------|--|-----|
| Employee_Key | Datamart ID for employee | - |
| Name_Employee | Employee Employee management Employee data Name | CA |
| Employee_Number | Employee Employee management Employee data Employee number before / | HA |
| Contract_Number | Employee Employee management Employee data Employee number after / | HA |
| Social_Security_Number | Employee Employee management Employee data Social Security Number | CA |
| Date_Of_Birth_Key | Employee Employee management Employee data Date of birth | CA |
| Gender | Employee Employee management Employee data Gender | CA |
| First name | Employee Employee management Employee data First name | CA |
| Initials | Employee Employee management Employee data Initials | CA |
| Prefix | Employee Employee management Employee data Prefix | CA |
| Display_Name | Name of employee in Workforce Scheduling (last name, initials, prefix) | |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Location

| Column | Description | SCD |
|------------------------|--|-----|
| Location_Key | Datamart ID for locations | - |
| Name_Location | Maintenance Locations and workstations Locations Name | HA |
| Remarks | Maintenance Locations and workstations Properties Remarks | HA |
| Code | Maintenance Locations and workstations Properties Code | HA |
| Contract_Number | Maintenance Locations and workstations Properties Contract Number | HA |
| Customer_Name | Maintenance Locations and workstations Properties Customer name | CA |
| Street | Maintenance Locations and workstations Properties Street | HA |
| House_Number | Maintenance Locations and workstations Properties House number | HA |
| House_Number_Extension | Maintenance Locations and workstations Properties House number extension | HA |
| Zip_Code | Maintenance Locations and workstations Properties Zip code | HA |
| City | Maintenance Locations and workstations Properties City | HA |

| Column | Description | SCD |
|----------------------|--|-----|
| State | Maintenance Locations and workstations Properties State | HA |
| Country | Maintenance Locations and workstations Properties Country | HA |
| Telephone_Number_1 | Maintenance Locations and workstations Properties Phone number | HA |
| Telephone_Number_2 | Maintenance Locations and workstations Properties Telephone 2 | HA |
| Telephone_Number_3 | Maintenance Locations and workstations Properties Telephone 3 | HA |
| E-Mail | Maintenance Locations and workstations Properties E-mail | HA |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Positions

| Column | Description | SCD |
|----------------------|---|-----|
| Position_Key | Datamart ID for position | - |
| Name_Position | Maintenance Organization Positions Name | HA |
| Code | Maintenance Organization Positions Code | HA |
| Description | Maintenance Organization Positions Description | HA |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Property

| Column | Description | SCD |
|----------------------|---|-----|
| Property_Key | Datamart Property ID | |
| Name_Property | Organisation employee/department Properties Property | HA |
| Shortname_Property | Organisation employee/department Properties Abbreviation | HA |
| Property_Class | Entity type the property refers to | HA |
| Linked_To | Entity type to which the property is linked | HA |
| Linked_To_Key | Datamart ID of entity type to which the property is linked | HA |
| Property_Type | Organisation employee/department Properties Type | HA |
| Default_Value | Organisation employee/department Properties Default value | HA |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View DIM_US_Time

| Column | Description |
|-------------------------|--|
| Time_Key | Datamart ID for time |
| Full_Time | Full time [Example: 1900-01-01 19:29:00.000] |
| Hour24 | Hour of time based on 24 hours [Example 19] |
| Hour12 | Hour of time based on 12 hours [Example 7] |
| Time12 | Time based on 12 hours [Example 07:29PM] |
| AM_PM | AM or PM |
| Minutes | Minutes of hour |
| Part_Of_Day | Indicates whether time is during, morning, afternoon, evening or night |
| Hour_Interval | Indicates the hour interval of time [Example 19:00-19:59] |
| Fifteen_Minute_Interval | Indicates the 15 minute interval of time [Example 19:15-19:29] |

View DIM_US_Workstation

| Column | Description | SCD |
|----------------------|---|-----|
| Workstation_Key | Datamart ID for workstation | - |
| Name_Workstation | Maintenance Locations and workstations Workstations Name | HA |
| Description | Maintenance Locations and workstations Workstations Description | HA |
| Code | Maintenance Locations and workstations Workstations Code | HA |
| Start_Date_Key | Datamart ID for start date Valid from (not visible in Workforce Scheduling Client) | |
| End_Date_Key | Datamart ID for end date Valid until (not visible in Workforce Scheduling Client) | |
| Effective_From_Date | The information in the row is valid as of this date | |
| Effective_Until_Date | The information in the row is valid until this date | |
| Active_Flag | Indicates whether the information in this row is valid/active | |

View EX_US_Account_Entry

| Column | Description |
|-----------------|--|
| Account_Name | Name of the account where the entry belongs to |
| Name_Category | Name of the account category where the entry belongs to |
| Name_Employee | Name of the employee where the entry belongs to |
| Employee_Number | Employee number of the employee where the entry belongs to |
| Full_Date | Date of account entry |
| Value | Value |
| Name_Department | Name of the department where the entry belongs to |

View EX_US_Assigned_Shift

| Column | Description |
|------------------|--|
| Name_Employee | Name employee who is assigned to the shift |
| Startdate | Startdate of the shift |
| Enddate | Enddate of the shift |
| Starttime | Starttime of the shift |
| Endtime | Endtime of the shift |
| Department_Shift | Original department of the shift (for subcontracted shifts, the department that subcontracted the shift to another department) |
| Name_Cost_Center | Name cost center of the shift |
| Name_Position | Name position of the shift |
| Name_Shift | Name of a shift |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The |

| Column | Description |
|-------------------------------------|---|
| | time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Value | 1 (used to count shifts) |
| Schedule_Status | Status of the schedule in which the shift is assigned. |
| Shift_Status | Status of the shift (plan, published, closed, approved, processed). |
| Employee_From_Other_Department_Flag | Indicates whether the assigned employee is borrowed from another department or flexpool. |
| Department_Employee | Name department of employee who is assigned to the shift. |

View FACT_US_Account_Entry

| Column | Description |
|-------------------------------------|--|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date |
| Account_Category_Key | Datamart ID for account category |
| Department_Key | Datamart ID for department of the account entry |
| Employee_Department_Key | Datamart ID for department of the employee |
| Employee_From_Other_Department_Flag | Indicates whether the employee is from another department (lended) |
| Shift_Name | Name of a shift (in case a shift is available for the entry) |
| Value | Value |
| Cost_Center_Key | Datamart ID for cost center |

View FACT_US_Assigned_Activity

| Column | Description |
|-------------------|---|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for activity date |
| Start_Time_Key | Datamart ID for start time activity |
| End_Time_Key | Datamart ID for end time activity |
| Cost_Center_Key | Datamart ID for cost center |
| Department_Key | Datamart ID for department of the activity |
| Loaction_Key | Datamart ID for location |
| Workstation_Key | Datamart ID for workstation |
| Position_Key | Datamart ID for position |
| Activity_Type_Key | Datamart ID for activity type |
| Duration | Properties of a shift Duration of an activity in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. |

| Column | Description |
|-------------------------------------|--|
| | Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Schedule_Status | Status of the schedule in which the activity is assigned. |
| Shift_Status | Status of the shift where the activity is part of (plan, published, closed, approved, processed). |
| Employee_From_Other_Department_Flag | Indicates whether the assigned employee is borrowed from another department or flexpool. |
| Employee_Department_Key | Datamart ID for department of the employee assigned to work the activity. |

View FACT_US_Assigned_Shift

| Column | Description |
|-----------------|--|
| Employee_Key | Datamart ID for employee |
| Start_Date_Key | Datamart ID for start date of a shift |
| End_Date_Key | Datamart ID for end date of a shift |
| Start_Time_Key | Datamart ID for start time of a shift |
| End_Time_Key | Datamart ID for end time of a shift |
| Department_Key | Datamart ID for department of the shift |
| Cost_Center_Key | Datamart ID for cost center |
| Position_Key | Datamart ID for position |
| Name_Shift | Name of a shift |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |

| Column | Description |
|-------------------------------------|---|
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Value | 1 (used to count shifts) |
| Schedule_Status | Status of the schedule in which the shift is assigned. |
| Shift_Status | Status of the shift (plan, published, closed, approved, processed). |
| Employee_From_Other_Department_Flag | Indicates whether the assigned employee is borrowed from another department or flexpool. |
| Employee_Department_Key | Datamart ID for department of the employee assigned to work the shift. |

View FACT_US_Budget_Line

| Column | Description |
|----------------------|---|
| Date_Key | Datamart ID for date |
| Account_Category_Key | Datamart ID for account category |
| Department_Key | Datamart ID for department of the account entry |
| Value | Value |
| Cost_Center_Key | Datamart ID for cost center |

View FACT_US_Cyclical_Activity

| Column | Description |
|-------------------|--|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date |
| Start_Time_Key | Datamart ID for start time of activity |
| End_Time_Key | Datamart ID for end time of activity |
| Cost_Center_Key | Datamart ID for cost center |
| Department_Key | Datamart ID for department |
| Location_Key | Datamart ID for location |
| Workstation_Key | Datamart ID for workstation |
| Position_Key | Datamart ID for position |
| Activity_Type_Key | Datamart ID for activity type |
| Duration | Properties of a shift Duration of an activity in minutes |

| Column | Description |
|------------------|--|
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |

View FACT_US_Cyclical_Shift

| Column | Description |
|-----------------|--|
| Employee_Key | Datamart ID for employee |
| Start_Date_Key | Datamart ID for start date of a shift |
| End_Date_Key | Datamart ID for end date of a shift |
| Start_Time_Key | Datamart ID for start time of a shift |
| End_Time_Key | Datamart ID for end time of a shift |
| Department_Key | Datamart ID for department |
| Cost_Center_Key | Datamart ID for cost center |
| Position_Key | Datamart ID for position |
| Name_Shift | Name of a shift |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_ | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). |

| Column | Description |
|-----------------|--|
| Time | The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Value | 1 (used to count shifts) |

View FACT_US_Demand_Activity

| Column | Description |
|-------------------|--|
| Date_Key | Datamart ID for start date of activity |
| Start_Time_Key | Datamart ID for start time of activity |
| End_Time_Key | Datamart ID for end time of activity |
| Cost_Center_Key | Datamart ID for cost center |
| Department_Key | Datamart ID for department |
| Location_Key | Datamart ID for location |
| Workstation_Key | Datamart ID for workstation |
| Position_Key | Datamart ID for position |
| Activity_Type_Key | Datamart ID for activity type |
| Duration | Properties of a shift Duration of an activity in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Number | Number of required employees. |

View FACT_US_Demand_Shift

| Column | Description |
|------------------|--|
| Start_Date_Key | Datamart ID for start date of a shift |
| End_Date_Key | Datamart ID for end date of a shift |
| Start_Time_Key | Datamart ID for start time of a shift |
| End_Time_Key | Datamart ID for end time of a shift |
| Department_Key | Datamart ID for department |
| Cost_Center_Key | Datamart ID for cost center |
| Position_Key | Datamart ID for position |
| Name_Shift | Name of shift |
| Value | Number of required shifts (used to count shifts) |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Minimum_Value | Minimum number of required shifts |
| Maximum_Value | Maximum number of required shifts |

View FACT_US_Department_Entry

| Column | Description |
|-----------------------|--|
| Date_Key | Datamart ID for date |
| Account_Category_Key | Datamart ID for account category |
| Department_Key | Datamart ID for department of the account entry |
| Department_Level_Flag | Indicates whether the entry is a department entry (without employee) or a total value for all employee values for this department. |
| Value | Value |
| Cost_Center_Key | Datamart ID for cost center |

View FACT_US_Department_Property

| Column | Description |
|----------------|---|
| Property_Key | Datamart ID for property |
| Date_Key | Datamart ID for date |
| Value | Property value (only non-default values are stored) |
| Department_Key | Datamart ID for department |

View FACT_US_Employee_Availilty

| Column | Description |
|---------------------------|--|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date |
| Department_Key | Datamart ID for department |
| Working_Hours_Per_Week | Employee Employee management Roster data Weekly hours |
| Working_Hours_Per_Day | Weekly hours divided by 7. Number of hours an employee has to work, assuming 7 working days per week. (Example: Assuming you have to work 35 hours a week, than 'Working_Hours_Per_Day' equals 35/7=5) |
| Working_Hours_Per_Weekday | Weekly hours divided by 5. Number of hours an employee has to work, assuming 5 working days per week. (Example: Assuming you have to work 35 hours a week, than 'Working_Hours_Per_Weekday' equals 35/5=7) |

View FACT_US_Employee_Property

| Column | Description |
|--------------|---|
| Property_Key | Datamart ID for property |
| Date_Key | Datamart ID for date |
| Value | Property value (only non-default values are stored) |
| Employee_Key | Datamart ID for employee |

View FACT_US_Employee_Reassignment

| Column | Description |
|-------------------|--|
| Employee_Key | Datamart ID for employee |
| Department_Key | Datamart ID for department |
| Date_Key | Datamart ID for date |
| Change_Date_Key | Datamart ID for date of change |
| Requested_Flag | Indicates whether the change is requested. |
| Days_Before_Shift | Indicates the number of days between the date of the actual change and the start of the shift. |
| Value | 1 (used to count reassignments) |

View FACT_US_Employee_Request

| Column | Description |
|---------------|---|
| Employee_Key | Datamart ID for employment |
| Date_Key | Datamart ID for date |
| Request_Name | Employee Requests Request name |
| Request_Type | Request type |
| Required_Flag | Indicates whether the request is required or not. |

| Column | Description |
|---------------|--|
| | Employee Requests Option Required |
| Approved_Flag | Indicates whether the request is approved or not |
| Value | 1 (used to count requests) |

View FACT_US_Employee_Sick_Leave

| Column | Description |
|---------------------------|---|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date A separate record is created for every day that the employee is sick. |
| Sick_Leave_Start_Time_Key | Datamart ID for the start time Only relevant on the start date of illness. |
| Sick_Leave_End_Time_Key | Datamart ID voor de eind tijd Only relevant on the end date of illness. |
| Percentage_Work_Therapy | Percentage work therapy |
| Percentage_Limited_Work | Percentage limited work |
| Value | 1 (used to count sick days) |

View FACT_US_Employee_Violation

| Column | Description |
|----------------|---|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date |
| Department_Key | Datamart ID for department |
| Violation_Type | Maintenance Employment conditions Violation types Name violation type |
| Rule_Name | Maintenance Employment conditions Rule Name of violation rule |
| Value | 1 ((used to count violations) |

View FACT_US_Published_Activity

| Column | Description |
|-------------------|---|
| Employee_Key | Datamart ID for employee |
| Date_Key | Datamart ID for date |
| Start_Time_Key | Datamart ID for start time of activity |
| End_Time_Key | Datamart ID for end time of activity |
| Cost_Center_Key | Datamart ID for cost center |
| Department_Key | Datamart ID for department |
| Location_Key | Datamart ID for location |
| Workstation_Key | Datamart ID for workstation |
| Position_Key | Datamart ID for position |
| Activity_Type_Key | Datamart ID for activity type |
| Duration | Properties of a shift Duration of an activity in minutes |
| Working_ | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. |

| Column | Description |
|------------------|--|
| Hours | Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Schedule_Status | Status of the schedule in which the activity is assigned. |

View FACT_US_Published_Shift

| Column | Description |
|-----------------|--|
| Employee_Key | Datamart ID for employee |
| Start_Date_Key | Datamart ID for start date of a shift |
| End_Date_Key | Datamart ID for end date of a shift |
| Start_Time_Key | Datamart ID for start time of a shift |
| End_Time_Key | Datamart ID for end time of a shift |
| Department_Key | Datamart ID for department |
| Cost_Center_Key | Datamart ID for cost center |
| Position_Key | Datamart ID for position |
| Name_Shift | Name of a shift |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |

| Column | Description |
|------------------|---|
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Value | 1 (used to count shifts) |
| Schedule_Status | Status of the schedule in which the shift is assigned. |

View FACT_US_Schedule_Status

| Column | Description |
|--------------------------|---|
| Department_Key | Datamart ID for department |
| Date_Key | Datamart ID for date |
| Published_Until_Date_Key | Datamart ID for the until date upon which the schedules have the status published |
| Closed_Until_Date_Key | Datamart ID for the until date upon which the schedules have the status closed |
| Approved_Until_Date_Key | Datamart ID for the until date upon which the schedules have the status approved |
| Processed_Until_Date_Key | Datamart ID for the until date upon which the schedules have the status processed |

View FACT_US_Vacant_Activity

| Column | Description |
|-------------------|--|
| Date_Key | Datamart ID for date of activity |
| Start_Time_Key | Datamart ID for start time of activity |
| End_Time_Key | Datamart ID end time of activity |
| Cost_Center_Key | Datamart ID for cost center |
| Department_Key | Datamart ID for department |
| Loaction_Key | Datamart ID for location |
| Workstation_Key | Datamart ID for workstation |
| Position_Key | Datamart ID for position |
| Activity_Type_Key | Datamart ID for activity type |
| Duration | Properties of a shift Duration of an activity in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time |

| Column | Description |
|------------------|---|
| Work | is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Standby_Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Schedule_Status | Status of the schedule in which the activity is assigned. |

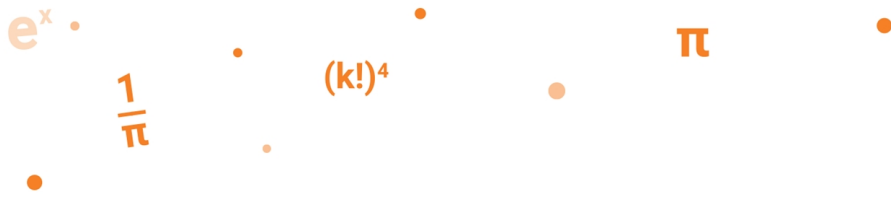
View FACT_US_Vacant_Shift

| Column | Description |
|------------------|--|
| Start_Date_Key | Datamart ID for start date of a shift |
| End_Date_Key | Datamart ID for end date of a shift |
| Start_Time_Key | Datamart ID for start time of a shift |
| End_Time_Key | Datamart ID for end time of a shift |
| Department_Key | Datamart ID for department |
| Cost_Center_Key | Datamart ID for cost center |
| Position_Key | Datamart ID for position |
| Name_Shift | Name of a shift |
| Duration | Duration of a shift in minutes |
| Working_Hours | Indicates the working hours applicable for the employees' contract. Usually these are the hours paid. Example: hours worked, paid leave and paid breaks. The time is expressed in minutes. |
| Labor_Time | Time that counts as working time according to the labor rules. This time includes for instance sick leave. Breaks, paid or unpaid, are not included. The time is expressed in minutes. |
| Rest_Labor_Law | Time that counts as rest time according to the labor rules. Leave (paid and unpaid) is also regarded as rest (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Rest_Time | Rest is the time during which an employee is not carrying out any work and is not present or available. Breaks don't count because an employee is actually present (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Time_At_Work | Time during which an employee is present at work (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Workstation_Time | Time during which an employee is present at a workstation (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Sick_Leave_Time | Time regarded as sick time (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Overtime | Time regarded as overtime (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Leave_Time | Time regarded as leave (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Break_Time | Time regarded as break (not visible in Workforce Scheduling Client). The time is expressed in minutes. |

$$\sum_{n=0}^{\infty} \frac{x^n}{n!}$$

$$\sum_{n=0}^{\infty} \frac{x^n}{n!}$$

| Column | Description |
|---------------------|--|
| Standby_ Time | Time regarded as available (not visible in Workforce Scheduling Client). The time is expressed in minutes. |
| Value | 1 (used to count shifts) |
| Schedule_ Status | Status of the schedule in which the shift is assigned. |



Contact information

For further information contact ORTEC, either through your existing ORTEC representative or by using the appropriate contact details listed on www.ortec.com

Our website offers case studies, white papers, brochures, demos and much more.