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# Genesys Info Mart Physical Data Model for a Microsoft SQL Server Database

Table SDR\_ACTIVITIES\_FACT

# Table SDR\_ACTIVITIES\_FACT

## Description

**Introduced:** 8.5.007. Supported in Genesys Engage cloud deployments only.  
**Modified:** 8.5.116.45 (size of the SESSION\_ID column increased); 8.5.010.16 (UPDATE\_AUDIT\_KEY added); 8.5.010 (in Microsoft SQL Server, data type for SESSION\_ID modified in multi-language databases)

In partitioned databases, this table is partitioned.

This fact table contains a record of the activities that the user encountered while the call was being processed by the Application. A new row is added for each activity (for example, booking an airline ticket).

### Tip

To assist you in preparing supplementary documentation, click the following link to download a comma-separated text file containing information such as the data types and descriptions for all columns in this table: [Download a CSV file](#).

**Hint:** For easiest viewing, open the downloaded CSV file in Excel and adjust settings for column widths, text wrapping, and so on as desired. Depending on your browser and other system settings, you might need to save the file to your desktop first.

## Column List

### Legend

| Column              | Data Type    | P | M | F | DV |
|---------------------|--------------|---|---|---|----|
| SESSION_ID          | varchar(128) | X | X |   |    |
| START_DATE_TIME_KEY | int          | X | X | X |    |
| SEQUENCE_ID         | int          | X | X |   |    |

Table SDR\_ACTIVITIES\_FACT

| Column           | Data Type   | P | M | F | DV |
|------------------|-------------|---|---|---|----|
| START_TS_MS      | numeric(19) |   | X |   |    |
| END_TS_MS        | numeric(19) |   | X |   |    |
| SDR_ACTIVITY_KEY | Int         |   | X |   | -2 |
| CREATE_AUDIT_KEY | numeric(19) |   | X | X |    |
| UPDATE_AUDIT_KEY | numeric(19) |   |   | X |    |

## SESSION\_ID

**Modified:** 8.5.116.45 (size of the column increased); 8.5.010 (in Microsoft SQL Server, data type modified in multi-language databases)

The ID as assigned to the session by Orchestration Server. In combination with SEQUENCE\_ID, the SESSION\_ID forms a value of the composite primary key for this table. You can use the SESSION\_ID to link the SDR\_ACTIVITIES\_FACT record with an SDR\_SESSION\_FACT.

## START\_DATE\_TIME\_KEY

Identifies the start of a 15-minute interval in which the activity started. Use this value as a key to join the fact tables to any configured DATE\_TIME dimension, in order to group the facts that are related to the same interval and/or convert the START\_TS timestamp to an appropriate time zone.

## SEQUENCE\_ID

The unique identifier of the activity within the SDR. In combination with SESSION\_ID, the SEQUENCE\_ID forms a value of the composite primary key for this table.

## START\_TS\_MS

The UTC-equivalent value, in milliseconds, of the date and time at which the activity started.

## END\_TS\_MS

The UTC-equivalent value, in milliseconds, of the date and time at which the activity ended.

## SDR\_ACTIVITY\_KEY

The surrogate key that is used to join the SDR\_ACTIVITY dimension to the fact tables.

## CREATE\_AUDIT\_KEY

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data creation. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify newly added data.

## UPDATE\_AUDIT\_KEY

**Introduced:** Release 8.5.010.16

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data update. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify recently modified data.

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|---------------------------|---|---|---------------------------------------------------------|
| I_SDR_ACTIVITIES_FACT_SDT |   |   | Improves access time, based on the Start Date Time key. |

## Index I\_SDR\_ACTIVITIES\_FACT\_SDT

| Field               | Sort      | Comment |
|---------------------|-----------|---------|
| START_DATE_TIME_KEY | Ascending |         |

## Subject Areas

No subject area information available.