

CD Group

Accelerate

For Oracle Business Intelligence

Oracle BI for JD Edwards CD Group Accelerate for *Sales Analysis*

Your business has questions,
CD Group Accelerate offerings deliver answers.

- Are you fully leveraging your investment in back-end systems?
- Do your decision makers have the right information at the right time?
- Can you compare actual operating results to budgets real-time?

The CD Group Accelerate for **Sales Analysis** is the quickest and easiest way to add the power and efficiency of Oracle® Business Intelligence (BI) analysis and reporting to your JD Edwards application.

See the reverse side to learn more.

Why CD Group

CD Group delivers Business Intelligence (BI) solutions using our Accelerate project approach to help you gain insight into your business while helping you gain self-sufficiency and keeping budget and scope control highly predictable.

We have been delivering BI solutions since 1999 and also offer a full range of Oracle software and services. CD Group seeks to understand your company's needs and will provide fast, cost effective, and high quality solutions in order to achieve a fast return on your investment.

To request additional information please call (678) 225-2600, or email bi@cdgroup.com.

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Accelerate Sales Analysis Data Sheet

Objective

This document describes individual components and functionality present in the CD Group Accelerate Sales model.

Dimensions and Facts: Our Accelerate Sales model contains 9 dimension tables and 3 fact tables. The dimensions are Bill To Customer, Ship To Customer, Business Unit, Sales Item By Branch, Sales Item, Sales Rep, Calendar By GL Date, Calendar By Shipping Date and Calendar By Transaction Date. The facts include Sales Order Detail, Sales Order History and Sales Order Union. All these are explained in more detail below.

- **Bill To Customer Dimension:** This is a direct mapping to either the F0301 or F03012 tables, depending on what version of JDE Accelerate is being mapped to. This table is joined to the SDAN8 (Bill To Customer Number) column in the fact tables.
- **Ship To Customer Dimension:** This is a direct mapping to either the F0301 or F03012 tables, depending on what version of JDE Accelerate is being mapped to. This table is joined to the SDSHAN (Ship To Customer Number) column in the fact tables.
- **Business Unit Dimension:** This is a direct mapping to the F0006 table, joining to the SDMCU field in the fact tables.
- **Sales Item By Branch and Sales Item Dimensions:** These are direct mappings to the F4102 and F4101 table in the JDE database respectively.
- **Sales Rep Dimension:** Depending on how the JDE system is set up, this dimension can be sourced as a category code from the customer, or from the address book (F0101).
- **Calendar By GL Date Dimension:** This dimensional table is loaded from a calendar spreadsheet that resides in the OBIEE server. It is joined to the GL Date column (SDDGL) in the fact tables.
- **Calendar By Shipping Date Dimension:** This dimensional table is loaded from a calendar spreadsheet that resides in the OBIEE server. It is joined to the Ship Date column (SDADDJ) in the fact tables.
- **Calendar By Transaction Date Dimension:** This dimensional table is loaded from a calendar spreadsheet that resides in the OBIEE server. It is joined to the Transaction Date column (SDTRDJ) in the fact tables.
- **Sales Order Detail Fact:** This is a direct mapping to the F4211 table in the JDE database.
- **Sales Order History Fact:** This is a direct mapping to the F42119 table in the JDE database.
- **Sales Order Union:** This table is a union between the Sales Detail and Sales History facts. It gives the end user the chance to look at all sales orders in one view, regardless of status.

Category Codes: Accelerate contains mappings to 30 Customer category codes (AC01 – AC30), 30 Business Unit category codes (MCRP01 – MCRP30), and 20 Product category codes (PRP0 – PRP9 and SRP0 – SRP9). The model also includes mappings to the category code descriptions that reside in the F0005 table. These category codes can be used for relational reporting as well as for the creation of dimensional hierarchies.

Dimensional Hierarchies: Our model includes predefined hierarchies for all the dimensions. These hierarchies are customizable, and can be leveraged in “drill-down” type of analysis in OBIEE Answers. New hierarchies can also be created if necessary.

Pre-defined Calculations: Accelerate includes pre-defined calculations for all fact tables such as Order Fill Rate, Sales Line Count, Total Extended Price \$, Total Extended Cost \$, Total Product Margin \$, Average Product Margin %, Average Unit Price \$, Average Unit Cost \$, Backordered Amount and Backordered Count.

Status Descriptions: Accelerate includes a Status Description column in the fact tables with the values OPEN, SHIPPED, CLOSED, BACKORDERED and CANCELLED. These descriptions can be customized to fit your JDE status progression based on the SDLTTR (last status) and SDNXTR (next status) fields.

Naming Structures: Accelerate was developed with the end-user in mind. For that reason, all JDE column names have been translated into business terms. Examples include F03012.AIANS = Customer Number and F4102.IBMCU = Branch Plant.

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