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# SAP® S/4HANA Analytical Applications with Fiori Elements

- ▶ Learn the analytical capabilities of Fiori elements templates
- ▶ Master metadata-driven development using OData services and annotations based on CDS views
- ▶ Integrate Fiori elements applications to create drill downs and insight to action scenarios
- ▶ Become more productive and improve quality with reusable solutions

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## 2 Open Order application

Open order analytics is an important requirement for many companies. Having accurate analytics enables users to quickly identify problem areas in the order-to-cash process, and to resolve them in a timely manner.

### 2.1 Functionality

Open order requirements vary from one client to another, which is why S/4HANA does not provide a standard open order application out of the box.

This book covers open order analytical applications that are based on specific business rules. These are:

- ▶ The open order scope is limited to the following document categories—order, return and credit memo.
- ▶ An order or return item is open until it is fully goods issued, completed or rejected
- ▶ A credit memo item is open until it is fully billed, completed or rejected.
- ▶ The open order request date is taken from the order item schedule line.
- ▶ The open order item values are calculated based on gross value in USD.

The Open Order application provides the following functionality:

- ▶ Monitors the open order situation to help meet the current month's targets.
- ▶ Uses the open order information to predict what the situation might be in the future, based on the open order, stock and material requirements situation.

- ▶ Provides navigation capabilities for a detailed analysis up to document level.
- ▶ Releases credit hold open orders, by integrating analytical and transactional applications (Insight to Action).

## 2.2 User interface

### 2.2.1 Fiori launchpad

S/4HANA users access Fiori applications from the Fiori launchpad. There are three open order tiles: OPEN ORDER AMOUNT, BACK ORDER AMOUNT and CREDIT HOLD AMOUNT (see Figure 2.1).

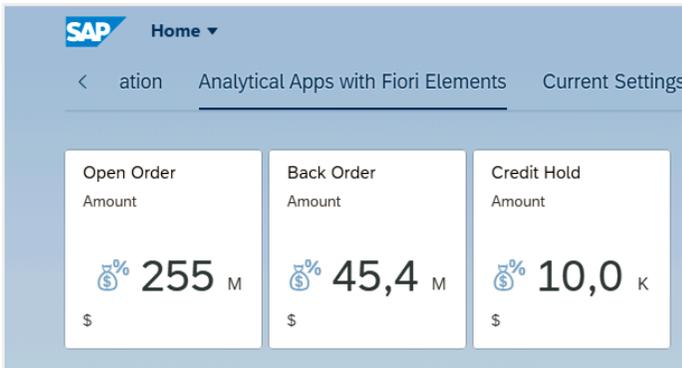


Figure 2.1: Fiori launchpad tiles

OPEN ORDER tiles are standard dynamic tiles that display real-time KPI values. They provide a preview of the open order situation prior to launching the Open Order application. Based on the KPI value, you can decide if the open order situation requires your attention, and whether further analysis is

needed. If the KPI value(s) are not within a normal range, you can click on a tile to launch the Open Order application in order to view more information.

## 2.2.2 Overview page

The Open Order application contains a dashboard with a number of tiles (see Figure 2.2). In SAP, these are known as the *overview page* and *cards* respectively. The following cards are found on the Open Order overview page:

- ❶ OPEN ORDER—REQUESTED AGING
- ❷ OPEN ORDER—COMPARISON
- ❸ NOT CONFIRMED—COMPARISON
- ❹ BACK ORDER—COMPARISON
- ❺ OPEN ORDER—CUMULATION
- ❻ OPEN ORDER—BY CREDIT STATUS
- ❼ CREDIT HOLD—COMPARISON
- ❽ NOT CONFIRMED—CONFIRMATION AGING
- ❾ INFO

Most of the cards have chart and KPI values. The charts provide visual analytical information and aggregated open order data, and they explain the KPI values. The various cards are listed in Table 2.1 and the KPIs are outlined in Table 2.2.

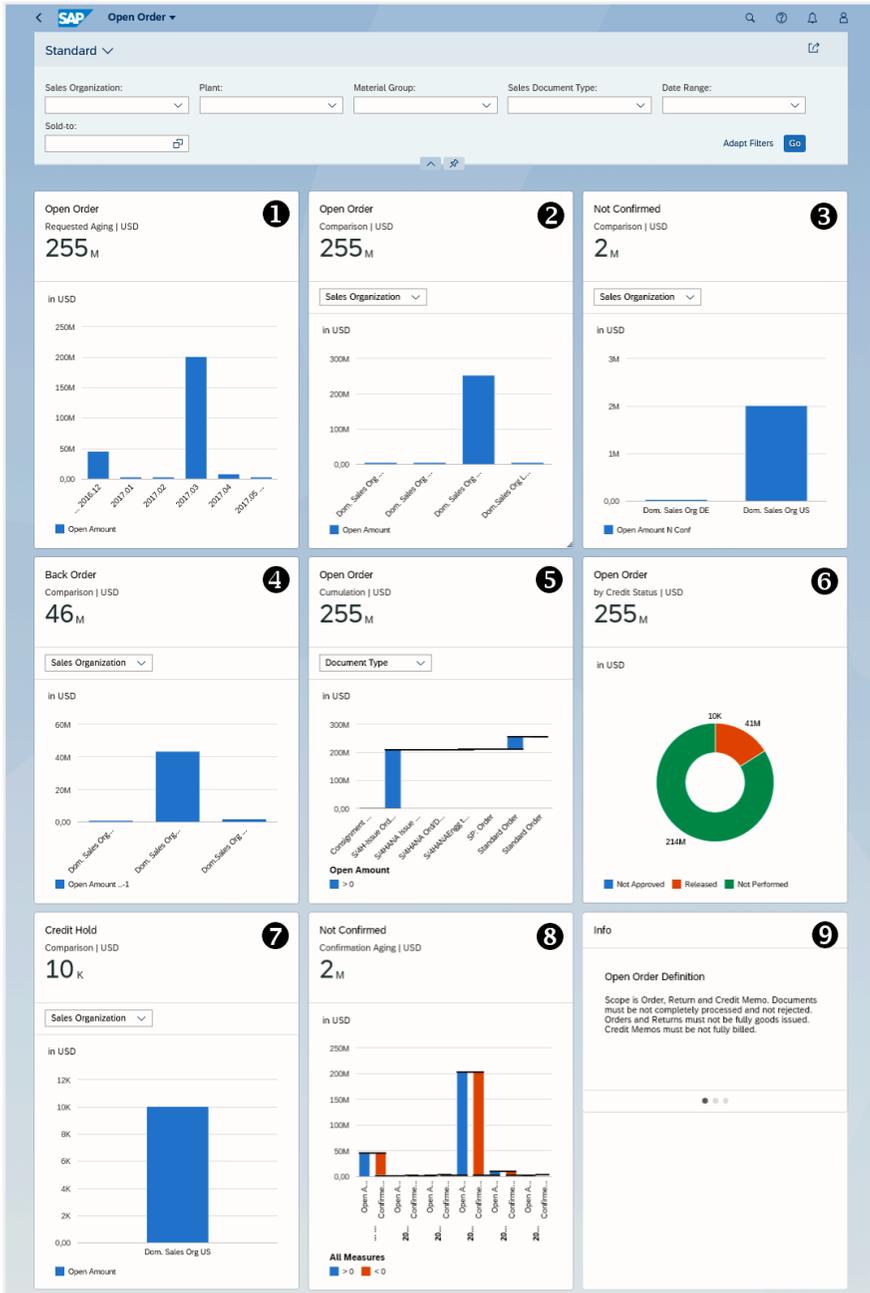


Figure 2.2: Open Order overview page

Card	Description
Open Order—Requested Aging	Displays open order values, grouped by requested date, into six time buckets: <ol style="list-style-type: none"> <li>1) before current month</li> <li>2) current month</li> <li>3) current month +1</li> <li>4) current month +2</li> <li>5) current month +3</li> <li>6) current month +4 onwards</li> </ol>
Open Order—Comparison	Compares open order values
Not Confirmed—Comparison	Compares not confirmed values
Back Order—Comparison	Compares back order values—a back order is an open order requested prior to the current month
Open Order—Cumulation	Displays open order cumulation
Open Order—by Credit Status	Shows open order distribution by credit status
Credit Hold—Comparison	Compares credit hold values—a credit hold is an open order with credit status not approved
Not Confirmed—Confirmation Aging	Shows the difference between requested and confirmed values, grouped into six time buckets: <ol style="list-style-type: none"> <li>1) before current month</li> <li>2) current month</li> <li>3) current month +1</li> <li>4) current month +2</li> <li>5) current month +3</li> <li>6) current month +4 onwards</li> </ol>
Info	Explains application functionality, with blocks of information organized into a carousel

Table 2.1: Cards

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