

<epam>

Отчетность в Реальном Времени: Быстро и Легко со Встроенной Аналитикой SAP S/4HANA

Май 21, 2019



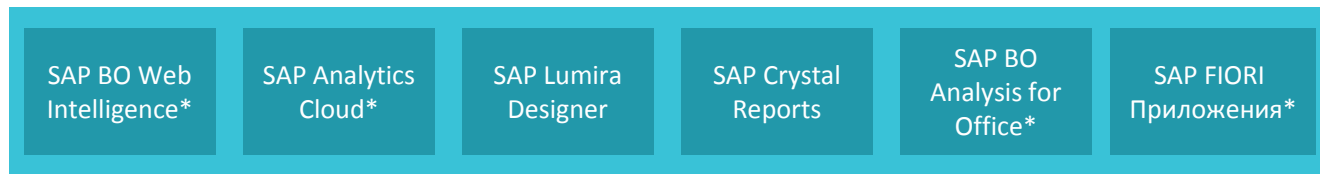
Проблемы Бизнеса

- Отсутствие оперативной отчетности в реальном времени
- Время на разработку аналитической отчетности
- Упрощение возможности самостоятельного создания отчетности пользователями



Архитектура

АНАЛИТИЧЕСКИЕ ИНСТРУМЕНТЫ



ВИРТУАЛЬНЫЕ МОДЕЛИ



SAP S/4HANA ТАБЛИЦЫ



* Инструменты, позволяющие пользователям самостоятельно строить отчетность

**ВСТРОЕННАЯ АНАЛИТИКА SAP S/4HANA
В КОМПАНИИ ЕРАМ**

Задачи

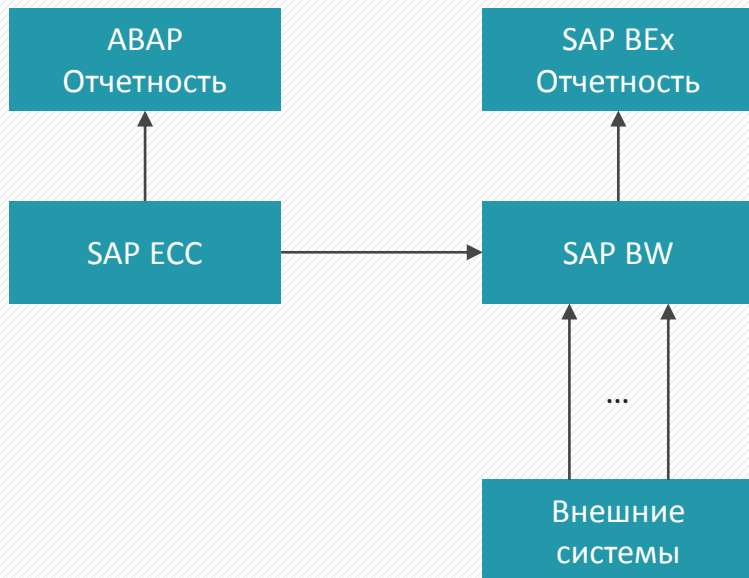
НЕОБХОДИМО РЕАЛИЗОВАТЬ

- Аналитическая отчетность в реальном времени, без задержек на загрузку данных
- Автоматизация процесса анализа данных
- Возможность предоставления аналитической отчетности в Web (браузер)

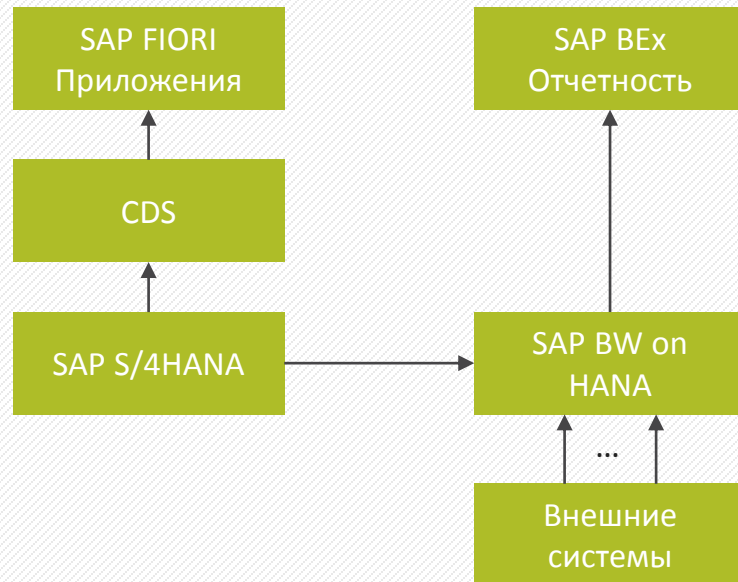


Архитектура

БЫЛО



СТАЛО



Результаты

The image displays two screenshots of the SAP Fiori 'Results' app interface, showing different views of the same data.

Left Screenshot:

- Navigation Panel:** Shows 'Dimensions' (Search Dimensions), 'Rows' (Industry), 'Columns' (Quarter, Key Figures), and 'Available Fields' (Acquisition, Acquisition Date, Base Customer, Company Code, Controlling Area, Cost Center, Country, CRM Country ID).
- Main View:** Displays a table with columns 'Quarter' and 'Revenue Glob Crcy'. The 'Quarter' column is filtered to 'Q1'. The 'Revenue Glob Crcy' column shows values for various industries.
- Table Data:**

Quarter	Revenue Glob Crcy
Emerging Verticals	\$ 213 413.42
Financial Services	\$ 284 891.92
Life Sciences & Healthcare	\$ 9 101.53
Media & Entertainment	\$ 571 198.95
Software & Hi-Tech	\$ 421 080.93
Travel and Consumer	\$ 1 465 989.04

Right Screenshot:

- Navigation Panel:** Shows 'Dimensions' (Search Dimensions), 'Rows' (Posting Date, Document Number, Line Item), 'Columns' (Key Figures), and 'Available Fields' (Acquisition, Acquisition Date, Base Customer, Company Code, Controlling Area, Cost Center, Country, CRM Country ID, CRM Customer ID, CRM Industry ID, Date Became a Client, G/L Account Group, GL Account, Global Currency).
- Main View:** Displays a table with columns 'Posting Date', 'Document ...', 'Line Item', and 'Revenue Glob Crcy'. The 'Posting Date' column is filtered to '21.04.2017'.
- Table Data:**

Posting Date	Document ...	Line Item	Revenue Glob Crcy
21.04.2017	700004642	000005	\$ 110.00
		000007	\$ 380.00
22.04.2017	700004641	000004	\$ 380.00
		000007	\$ 110.00
23.04.2017	700004640	000003	\$ 380.00
		000006	\$ 110.00
24.04.2017	700004639	000003	\$ 110.00
		000007	\$ 380.00
	700004634	000005	\$ 380.00
		000006	\$ 110.00
	700004635	000004	\$ 380.00
		000007	\$ 110.00
25.04.2017	700004638	000005	\$ 380.00
		000006	\$ 110.00

Результаты

The screenshot illustrates the steps to create a new view in SAP S/4HANA. The interface includes a Navigation Panel on the left, a main data grid, and a 'My Views' dropdown menu.

Step 1: The 'Standard' dropdown menu is open, showing 'Standard' and 'Default' options. The 'My Views' section is also visible.

Step 2: The 'Save View' dialog box is displayed. The view name 'My Revenue' is entered in the '*View' field. The 'Set as Default' checkbox is unchecked, and the 'Public' checkbox is also unchecked. The 'OK' and 'Cancel' buttons are at the bottom.

Step 3: The 'My Views' dropdown menu is shown again, now including 'My Revenue' as a new option alongside 'Standard' and 'Default'.

The background data grid shows a table with columns for Posting Date, Document Number, and various financial data points. The table is filtered for the year 2017.

Posting Date	Document Number	Amount
21.04.2017	700004640	000003
22.04.2017	700004639	000006
23.04.2017	700004634	000003
24.04.2017	700004635	000005
25.04.2017	700004638	000006

**ВСТРОЕННАЯ АНАЛИТИКА SAP S/4HANA
У НАШИХ КЛИЕНТОВ**

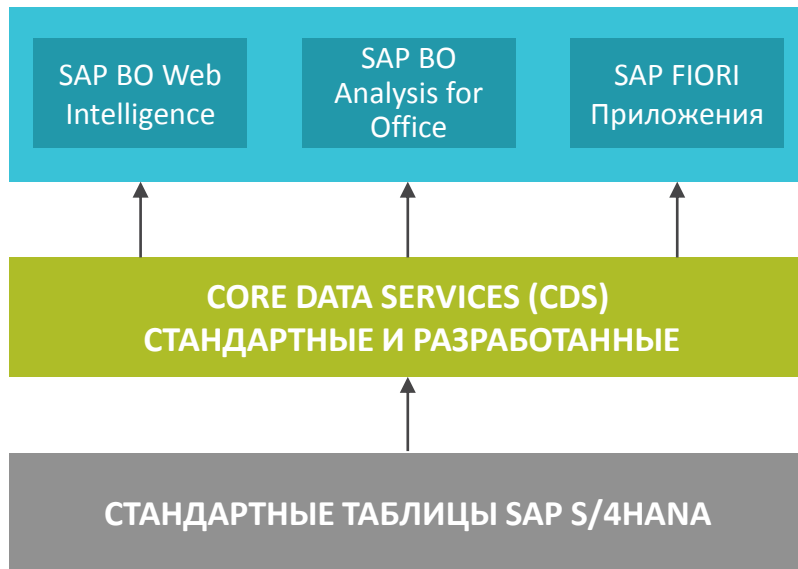
Задачи

НЕОБХОДИМО РЕАЛИЗОВАТЬ

- Аналитическая отчетность в реальном времени, без задержек на загрузку данных
- Возможность формирования отчетности продвинутыми пользователями, без обращения к разработчикам
- Возможность представления отчетности в Excel и Web (браузер)



Архитектура



КЛЮЧЕВЫЕ ОСОБЕННОСТИ

- Использование стандартных и разработанных CDS Views
- SAP FIORI приложения позволяют осуществлять доступ к транзакциям из аналитических отчетов
- SAP BO Web Intelligence и SAP BO Analysis for Office используются для создания отчетности продвинутыми пользователями

Результаты

Standard ▾

Search

Pause

⏪

Document Number ▴

10000004

10000005

10000004

10000005

Measures

Measures

Account Type

Account determi...

Asset Class

Asset Number

Asset Subnumber

Asset Transactio...

Asset Value Date

✓ Assignment num...

Balance Transac...

✓ Business Area

Business Transa...

CO Business Tra...

Chart of Accounts

Clearing Date

✓ Company Code

Company Code...

ROWS

Company Code

Ledger

Controlling Area

Business Area

Profit Center

Cost Center

WBS Element

GL Account number

Standard ▾

Search

Pause

⏪

Business Partner ▴

30000000

30000001

30000002

30000003

30000004

30000005

30000006

30000007

30000008

30000009

30000010

30000011

30000012

30000013

30000014

30000015

30000016

DIMENSIONS

Address Number

Bank Account

Bank Control Key

Bank Country

Bank Key

✓ Business Partner

✓ Business Partner...

✓ Business Partner...

✓ City

Company Code

✓ Country

Email Address

✓ Employee Altern...

✓ Name 1

✓ Name 2

✓ Name 3

Payment Currency

COLUMNS

Business Partner Type ▴

Business Partner Group ▴

Country ▴

PeopleSoft ID ▴

Name

ROWS

Business Partner

Business Partner Type

Business Partner Gr...

Country

PeopleSoft ID

Name 1

Name 2

Name 3

Результаты

The image displays two SAP reports side-by-side. The left report is a Profit and Loss Statement, and the right report is an Accounts Receivable Aging report.

Profit and Loss Statement Detail - LGLolism - Ex

As of May 31, 2019

Company Code : Group Currency : USD
 Profit Center : Local Currency :
 Business Area : Ledger : OL
 Fiscal Period : 008/2019 Fiscal Year Variant : V9

	Projection FY	Budget FY
Advertising VIK	5,817,493.00	5,817,493.00
Media Costs	530040	530050
[-] Meetings and Travel	530001	530002
Air/Rail Travel	530003	530004
Per Diem		
Entertainment Expense		
Lodging		

Accounts Receivable Aging by Customer - All Inclusive (Group Currency)

Report as of: 04/30/2019

DOCUMENT COMPANY	INV. DATE	DUE DATE	ASSIGNMENT	WH TAX	< 1	1 - 30	31 - 60	61 - 90
12:05AM PRODUCTIONS, INC. (10001017)								
180000243	03/25/2019	04/24/2019	CON_SFTG		0.00	0.00	0.00	0.00
12:05AM PRODUCTIONS, INC. (10001017)								
120 SPORTS LLC DBA STADIUM (10002380)					0.00	0.00	0.00	0.00
180000309	04/10/2019	05/10/2019	CON_SFTG		0.00	100,000.00	0.00	0.00
120 SPORTS LLC DBA STADIUM (10002380)								
15 SECONDS OF FAME, INC. (10001533)					0.00	100,000.00	0.00	0.00
930000490	04/15/2019	04/30/2019	RF_DOM		0.00	100,000.00	0.00	0.00
15 SECONDS OF FAME, INC. (10001533)								
1720 LEGACY LLC D/B/A FISLL (10001471)					0.00	100,000.00	0.00	0.00
910001074	03/29/2019	04/30/2019	GMG_OTH		0.00	10,000.00	0.00	0.00
910001075	03/29/2019	04/30/2019	GMG_OTH		0.00	100,000.00	0.00	0.00
1720 LEGACY LLC D/B/A FISLL (10001471)								
ABC ENTERTAINMENT MARKETING (10000808)					0.00	200,000.00	0.00	0.00
180000330	04/29/2019	05/29/2019	CON_SFTG		0.00	4,000.00	0.00	0.00
ABC ENTERTAINMENT MARKETING (10000808)								
ABC ENTERTAINMENT MARKETING (10000808)					0.00	4,000.00	0.00	0.00

Стандартная Отчетность



Home ▾

Query Design

Predictive Models

Sales Configuration

Query Design

View Browser
Browse Views

Custom Analytical
Queries

Manage Date
Functions
Define dynamic date ...

S/4HANA

474 Views

96 Basic

129 Composite

192 Consumption

0 Extension

57 Undefined

Views (474) | Standard ▾

Balance

Show Content

Star

Settings

Print

More

☐	Favorite	Tags	Release Status	Name	Description	Application Component	Category	Type	Matched In
☐			No	L_STRPTRIALBALANCEITEMCUBE	Trial Balance Item Cube	FI-LOC-FI	Cube	Composite	Columns:ENDINGBALANCEAMTINGLOBALCRCY, 13 more
☐			No	P_STRPTRIALBALANCEITEM	Trial Balance Item	FI-LOC-FI		Composite	Columns:ENDINGBALANCEAMTINGLOBALCRCY, 12 more
☐			Yes	C_TRIALBALANCEQ0001	Trial Balance	FI-FIO-GL	Query	Consumption	Columns:STARTINGBALANCEAMTINCOCODECRCY, 11 more
						FI-GL-IS	Query	Consumption	Columns:DEBITAMOUNTINBALANCETRANSCRCY, 11 more
						FI-LOC-FI		Composite	Columns:ENDINGBALANCEAMTINGLOBALCRCY, 10 more

Standard * ▾

Search

Pause

Jump To

DIMENSIONS	COLUMNS	Company Code	Company Code	G/L Account	G/L Account	Starting Balance in Company Code CrCY	Debit Bal
> Measures	Measures			111209	US Interim USD	\$ -10,000.00	
Account Assgmt No.				161000	AP-foreign	\$ 0,00	
Account Assignment		NK02	US company	417000	Purchased services	\$ 10,000.00	
Account Type				419000	Employee expenses al	\$ 0,00	
Activity Type				Total		\$ 0,00	
Altern. G/L Account	ROWS	Grand Total				\$ 0,00	
Asset Subnumber	Company Code						
Asset Value Date	G/L Account						
Assignment Refer...							

QUERY DESIGN

- View Browser
- Custom Analytical Queries



ВСТРОЕННАЯ АНАЛИТИКА: БЫСТРО И ЛЕГКО



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Спасибо за Внимание!

Наталья Шалейникова

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