

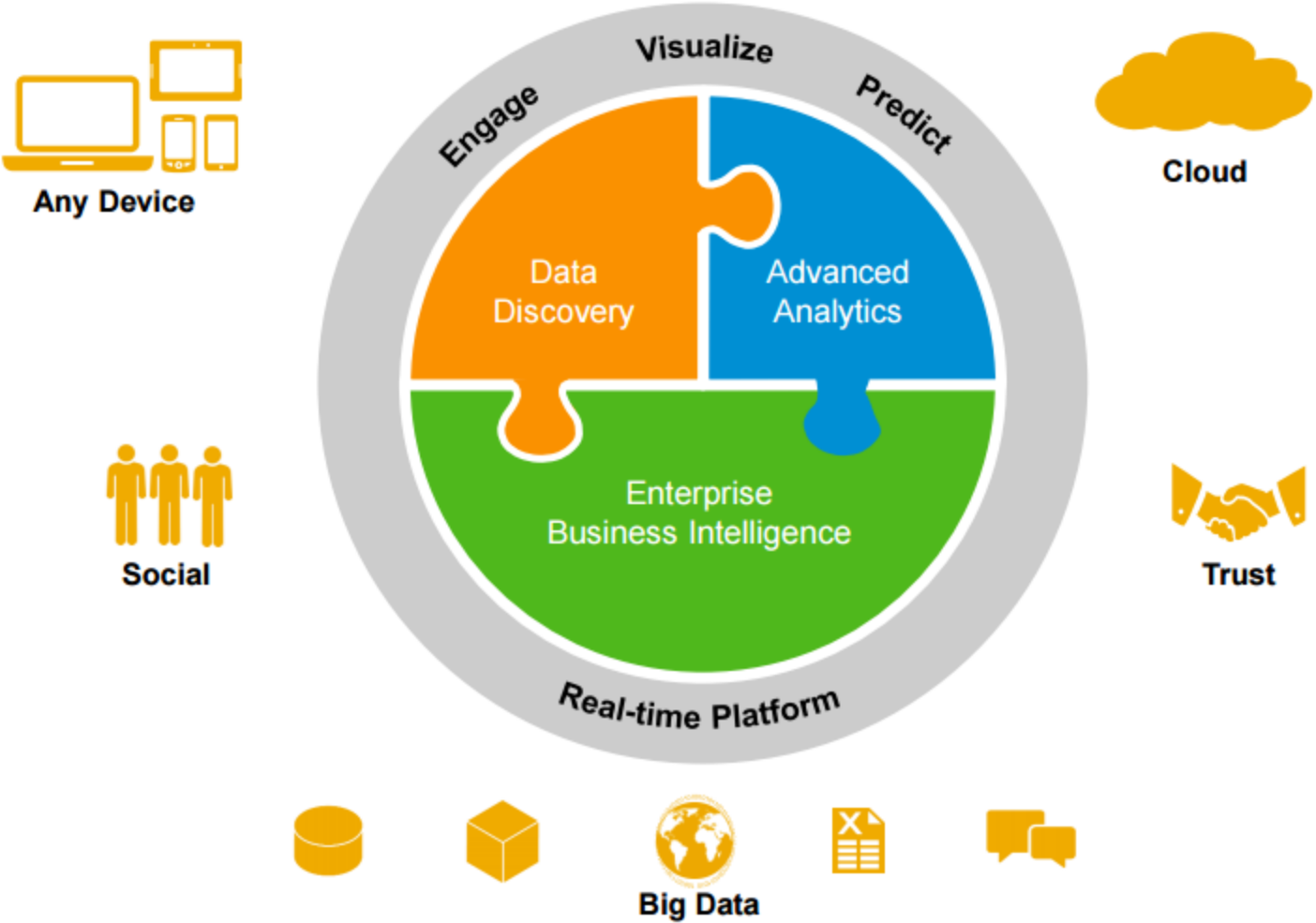
So Many Tools – Which is Right for You?



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Analytics Solutions from SAP



SAP Analytics Environments

**SAP BusinessObjects Planned convergence of the
SAP BI client portfolio**

Tool Set Landscape (Current / Future)

Tool Selection Analysis

Lumira Demo



SAP Analytic Environments

SAP Analytic Environments



Provide new SaaS Analytics capabilities

SAP Business Objects Cloud

All analytics capabilities in one product

Consumer-grade user experience

Embedded and standalone

High-performance, real-time platform

Software-as-a-Service in the Public Cloud



Continued investment in existing solutions

Enterprise BI

SAP BusinessObjects BI Suite

*BI 4.2
Design Studio 1.6 SP2
Analysis Office 2.2*

Agile Visualization

SAP Lumira

Lumira 1.31

Advanced Analytics

SAP Predictive Analytics

Predictive Analytics 2.5

EPM

Ex. SAP Business Planning and Consolidation (BPC)

BPC 10.1 NW SP08

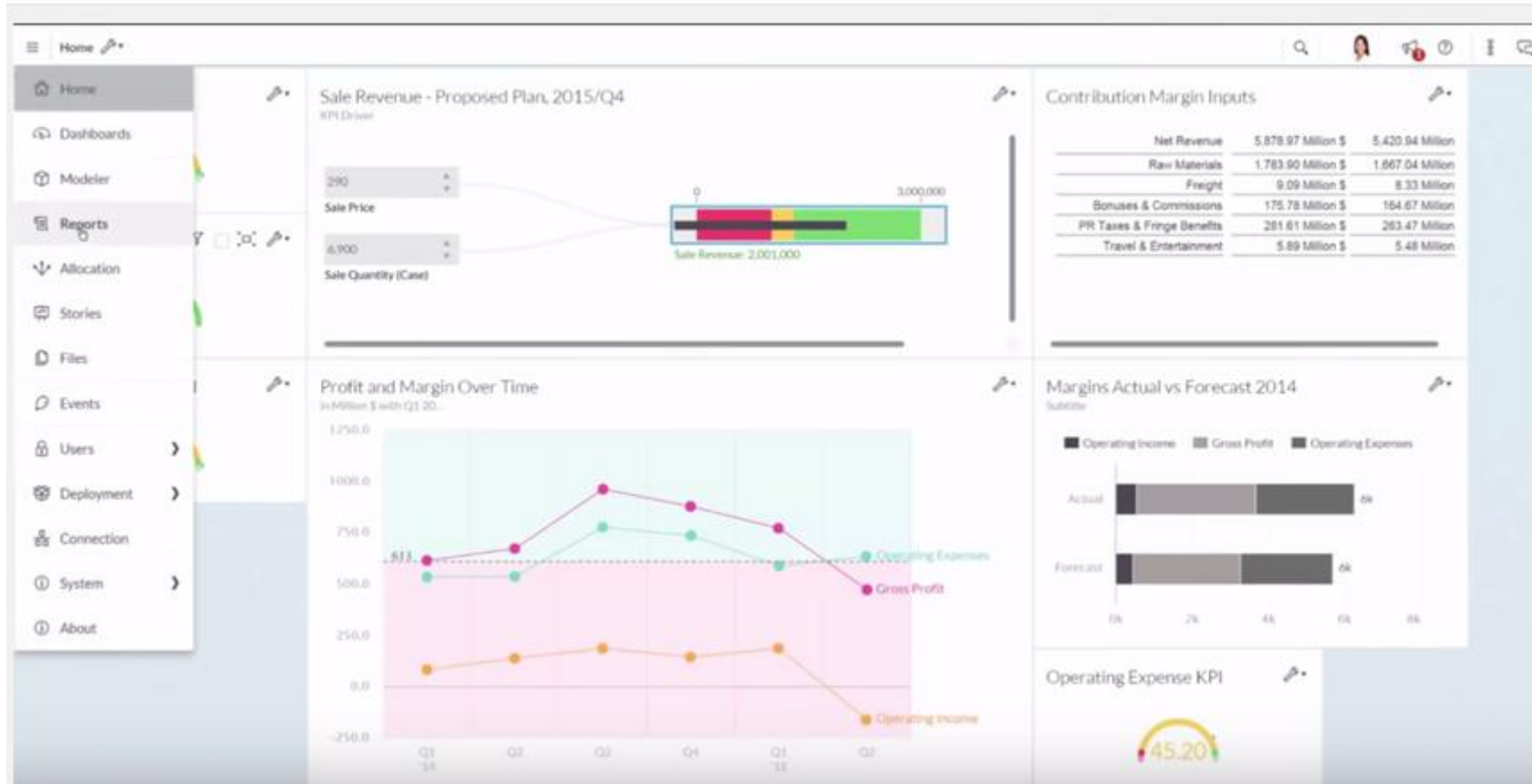
GRC

Ex. SAP Risk Management

Risk Management 10.1 SP11

On-premise and/or Private Cloud Deployment Options

SAP Business Objects Cloud Overview



- **100% Cloud based solution**
- **Cloud Based UI built on the Hanna Cloud Platform**
- **Data is stored in Hanna Cloud**
- **You can use your existing UNX to create Cloud Model**



**SAP BusinessObjects planned convergence
of the SAP BI client portfolio**

SAP BusinessObjects

Planned convergence of the SAP BI client portfolio

Published: May 2016

Timing of Convergence: 2017



Discovery & Analysis

Predictive Analysis
Lumira
Set Analysis
Explorer
Analysis for OLAP



SAP Lumira / Studio



Dashboards & Applications

Design Studio
Dashboards



SAP BusinessObjects
Analysis, edition for
Microsoft Office



Office Integration

Analysis for Office



SAP Crystal Reports
SAP BusinessObjects Web
Intelligence



Reporting

Crystal Reports
Web Intelligence
Desktop Intelligence



* One Server Add-On for SAP BusinessObjects Lumira

Lumira Desktop and Lumira Studio

Lumira 2.x

Predictive Analysis
Lumira
Set Analysis
Explorer
Analysis for OLAP

Design Studio
Dashboards



Lumira Desktop
Lumira Studio

Roadmap Plans

- ✓ Single solution for both data discovery and enterprise dashboard use cases.
- ✓ 2 desktop clients optimized for different user personas
- ✓ Open Lumira files with Design Studio and vice versa.
- ✓ One server side add-on.
- ✓ Design Studio gains offline connectivity.
- ✓ Lumira gains BW online connectivity.
- ✓ Combine the visualize and compose room into a single canvas similar to BusinessObjects Cloud.
- ✓ No change to license entitlements

Timing

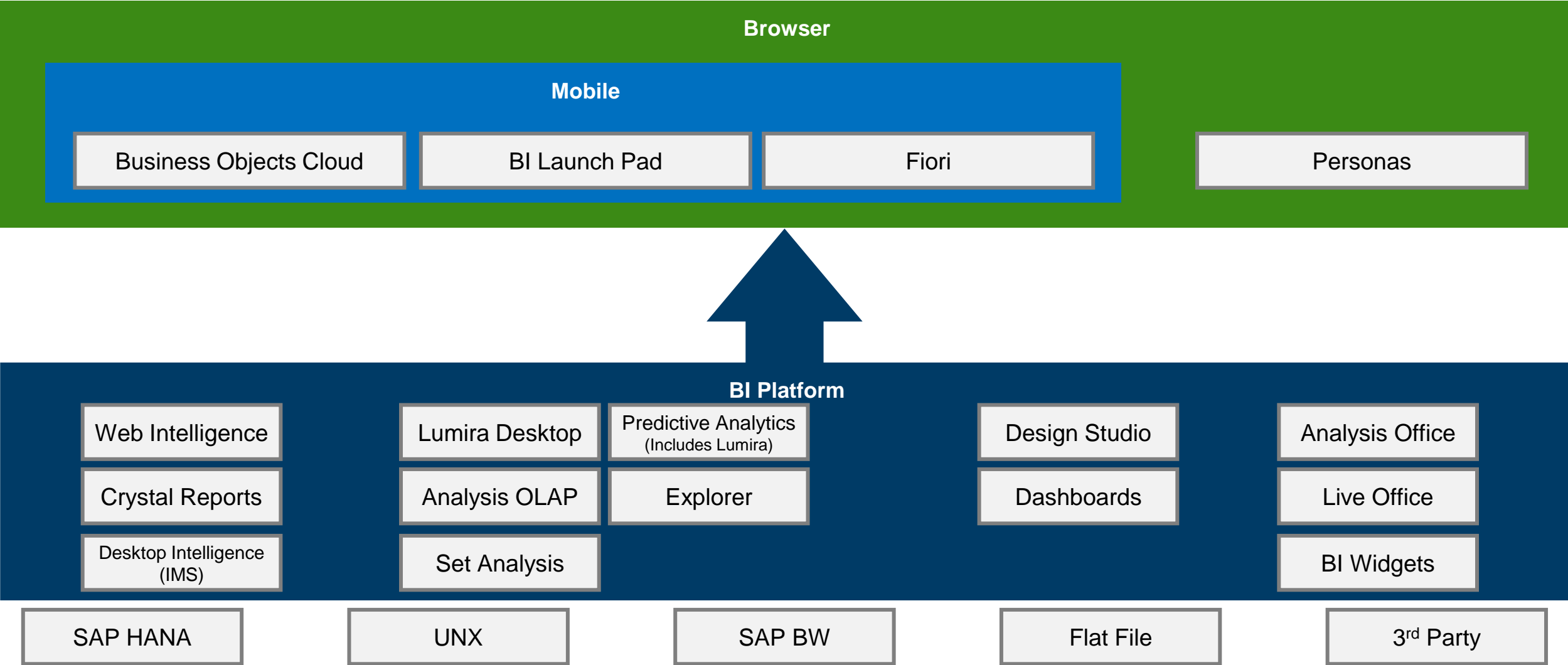
Ramp up in Q4 2016

GA Q1 2017u

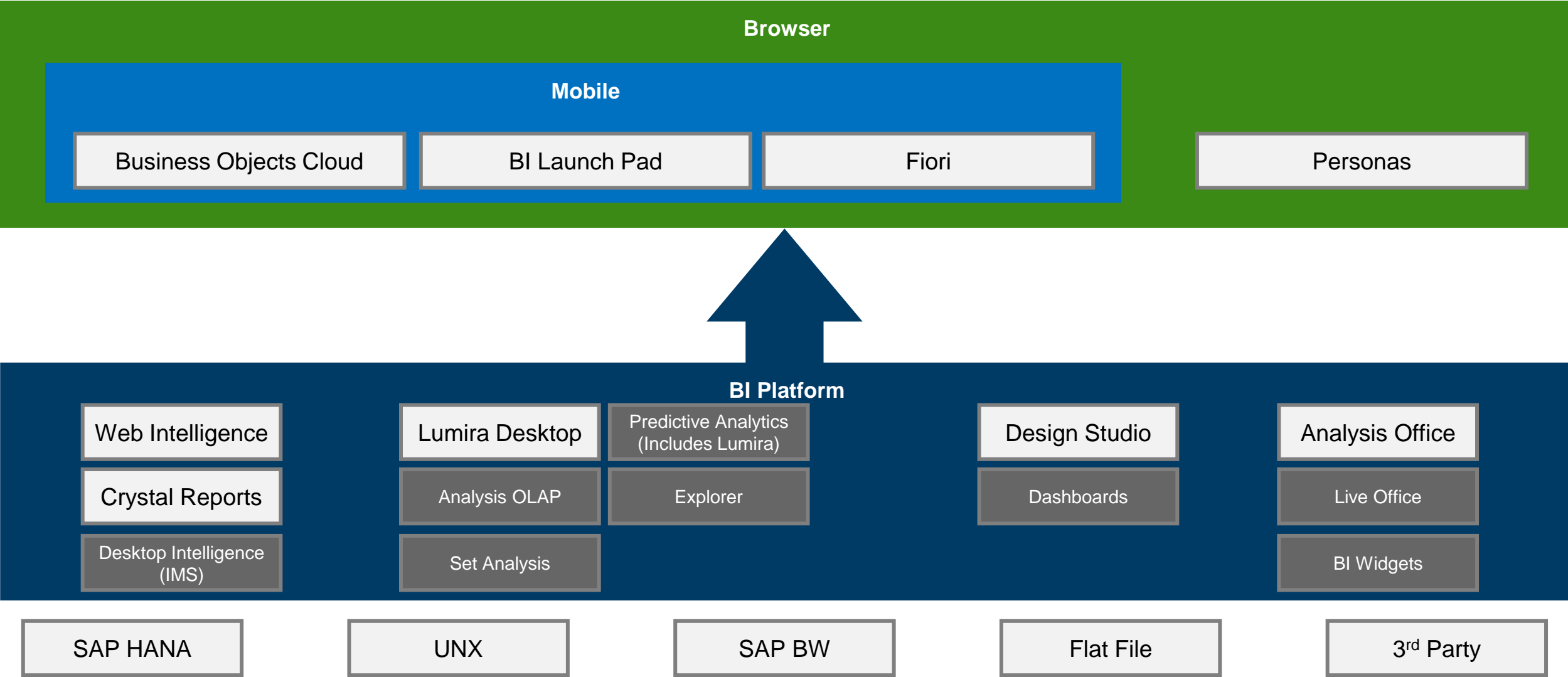


Tool Set Landscape Current and Future

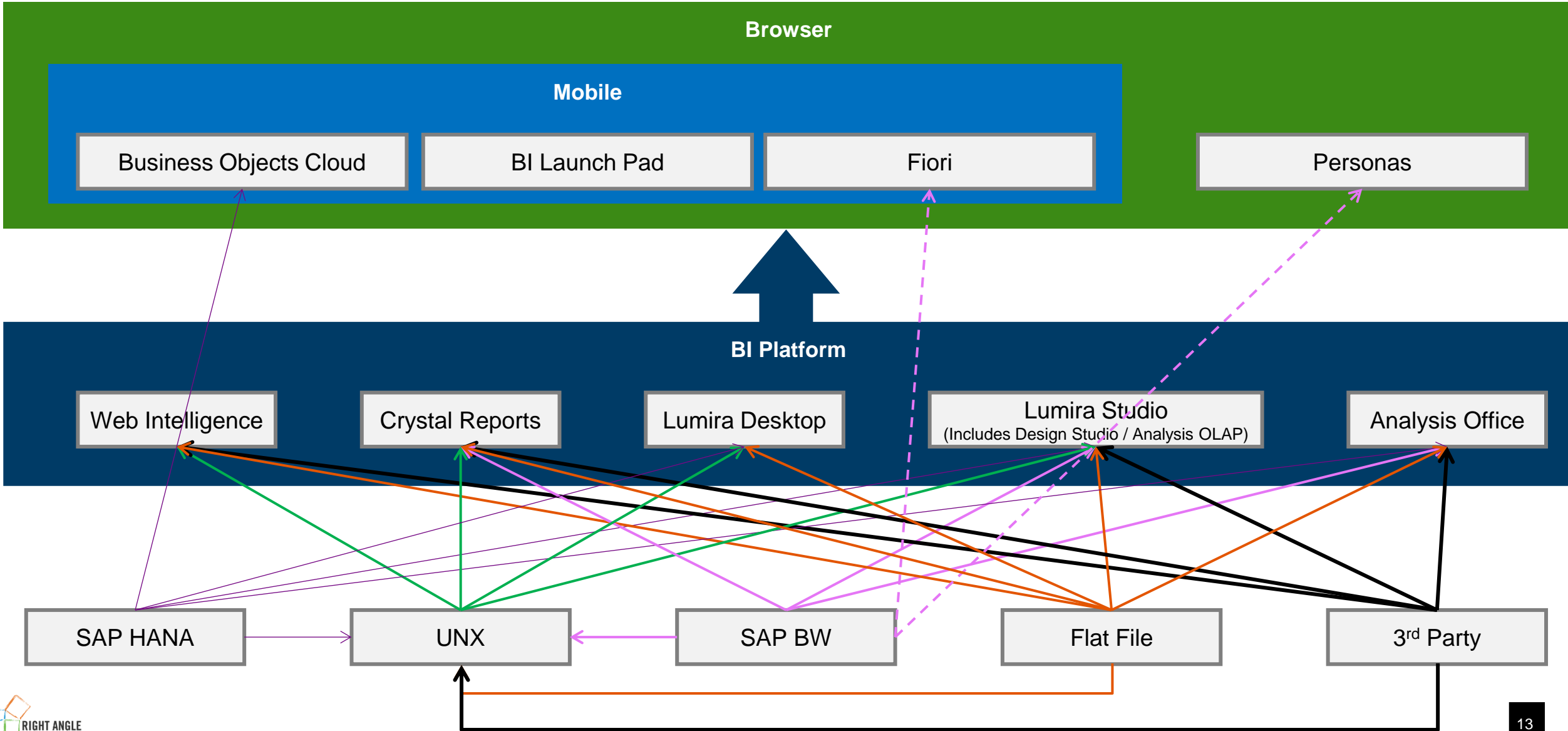
Current Tool Set Landscape



Current Tool Set Landscape



Future Tool Set Landscape



Which UX tool should I use?

Browser

Mobile

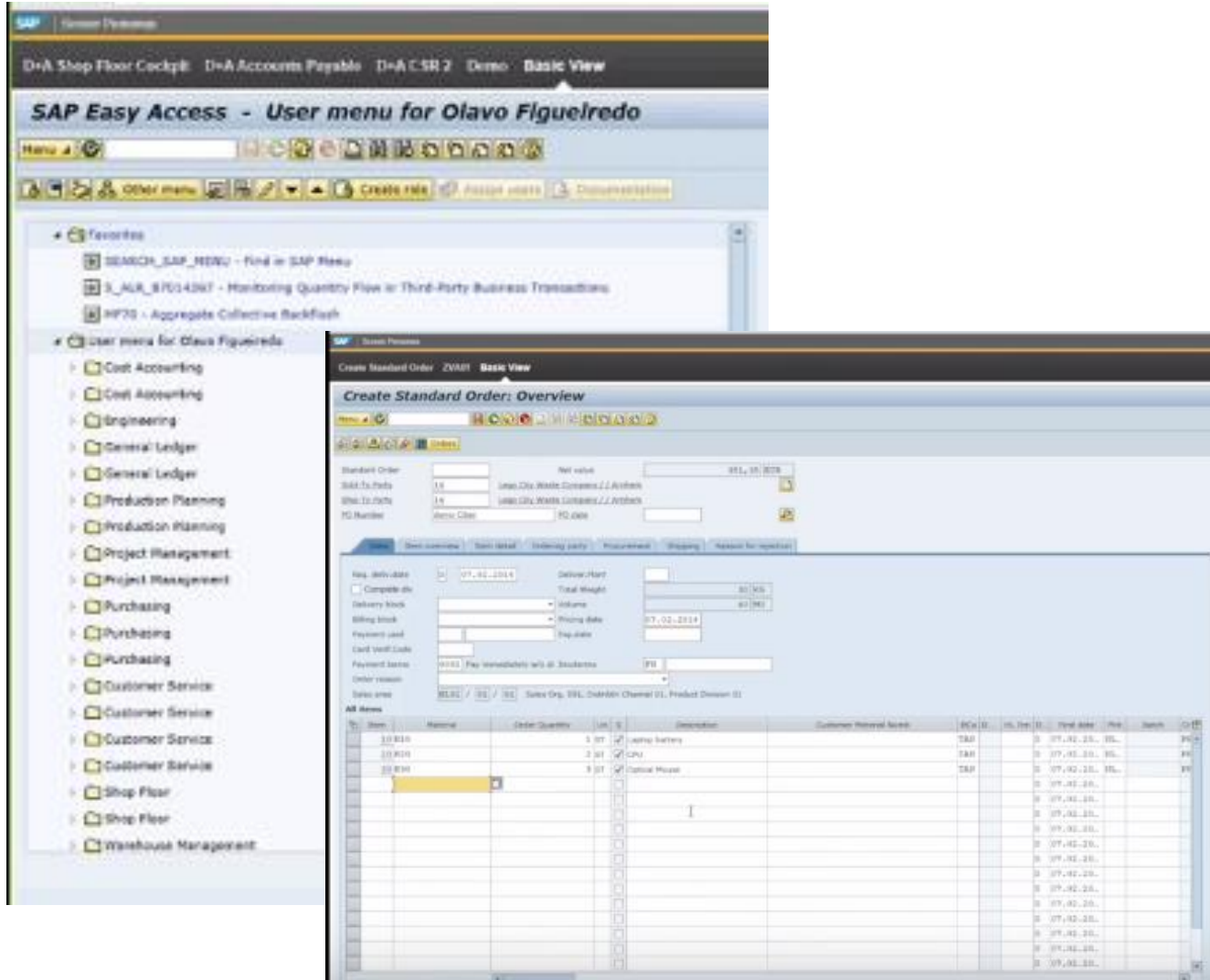
Business Objects Cloud

BI Launch Pad

Fiori

Personas

Fiori and Persona Overview



Fiori and Persona are user experience(UX) layers used to remove the complexity of the legacy SAP user interface.

- Share content from the SAP Business Objects Platform.
- Non SAP BW users can leverage these tools.

Fiori

The screenshot displays the SAP Fiori Pay Stubs application. On the left, a list of pay stubs is shown for the year 2013, with dates and amounts in USD:

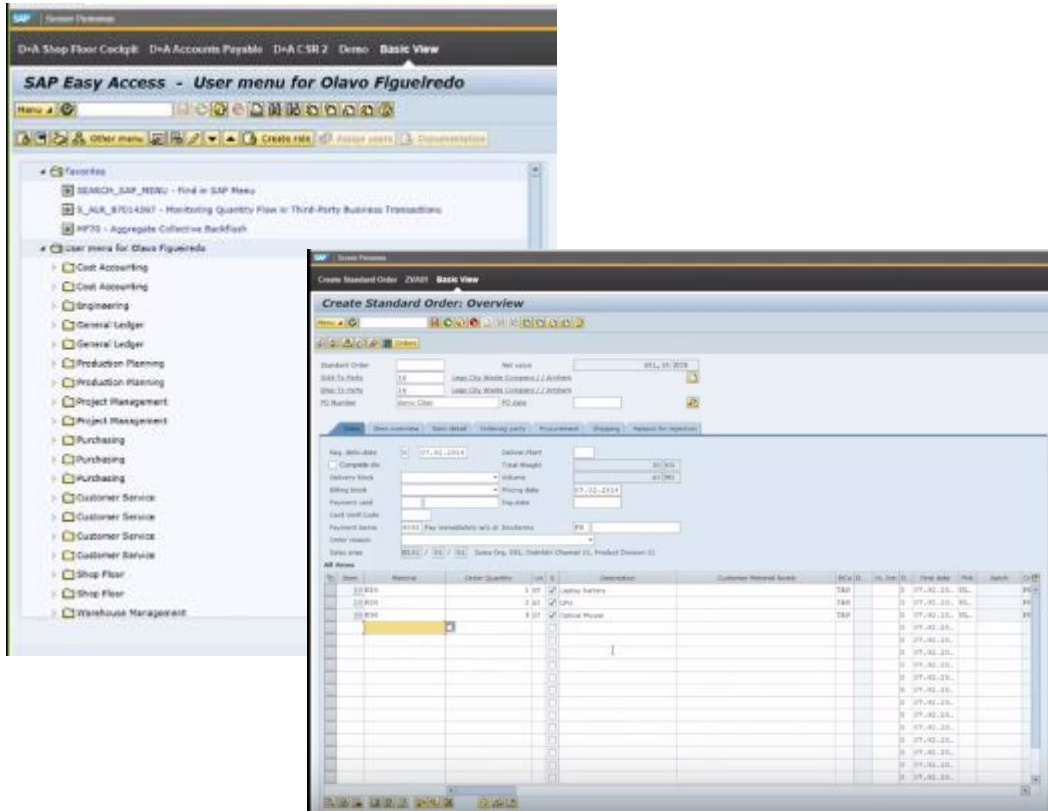
Date	Amount (USD)
Mar 14, 2013	2.601,05
Feb 27, 2013	1.845,28
Feb 14, 2013	2.112,69
Jan 30, 2013	1.624,33
Jan 14, 2013	1.506,70

The main view shows a detailed pay stub for the date Mar 14, 2013. It includes sections for Pre-Tax Deductions, Post-Tax Deductions, Gross Pay, and Net Pay. The Net Pay is 2.601,05 USD. The interface is clean and modern, typical of SAP Fiori design.

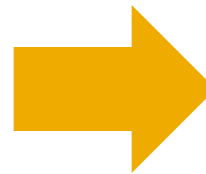
- Role based delivery across devices.
- Simplifies the interface.
- Create or install SAP role based Fiori apps
- Automate routine tasks
- Frequently Used Transactions
- Pull in other Bi Platform content
- Build templates
- Use excel as input database
- Automatically generates mobile apps

- What is sapui5
 - Fiori apps are created in this environment.
 - It's a Java library and framework used to build user role based apps from.
 - Accepts Odata protocol - standard for data transmission over web based in html (json format)
 - Ui5 is open source and can be downloaded by anyone.
 - You can build apps and sell in the sap market place

Personas

































- Create a specialized user experience inside your enterprise network.
- Web based zero foot print.
- Alternative to SAP home screen.



- Copy your existing UI structures and security.
- Pull those into Personas and Customize your display.
- Pull together a series of routine tasks by recording a macro.

Which UX tool should I consider?

 100%
  75%
  25%
  0%

Tool	SAP BW Role Based App	Automate SAP BW Tasks	Dashboards	Distribute Reports	Web Based	Mobile
Business Objects Cloud						
BI Launch Pad						
Fiori						
Personas						
Design Studio (Lumira Studio)						

Which Application should I use?

We analyzed each application and gave it a score based on the following:

- Deployment Types
- Data Source Connectivity
- Functionality
- Analysis Capabilities



BI Platform

Web Intelligence

Crystal Reports

Lumira Desktop




































Lumira Studio
(Includes Design Studio / Analysis OLAP)

Analysis Office

Deployment Types











































Enterprise or Department Solution?

 100%
  75%
  25%
  0%

Tool	Deployment		Content		
	Enterprise	Department	Desktop	Web Based	Mobile
Web Intelligence					
Crystal Reports					
Lumira Desktop 1.31					
Design Studio					
Predictive Analytics					
Analysis for OLAP					
Analysis for Office					

Data source connectivity

























































The following data sources are available for each tool.

Tool	SAP BW	OLAP	Hanna	Universe UNX	CSV	Free Hand SQL
Web Intelligence						
Crystal Reports						
Analysis for Office						
Design Studio						
Lumira Desktop 1.31						
Predictive Analytics						
Analysis for OLAP						

Functionality

 100%
  75%
  25%
  0%





























This matrix outlines the functionality available for each tool.

Functionality	Self Service	Data Visualization	Predictive Analysis	Custom Formula's	Report Scheduling	Formatted Tabular Reporting	Hierarchical Capabilities	Geo Mapping
Web Intelligence								
Crystal Reports								
Lumira Desktop 1.31								
Design Studio								
Predictive Analytics								
Analysis for OLAP								
Analysis for Office								

Analysis Capabilities

 100%
  75%
  25%
  0%

This matrix outlines the analysis capabilities of each tool

Tool	Built In Predictive Calculations	R - Integration	Create Custom Predictive Model	Utilize Predictive Models
Web Intelligence				
Crystal Reports				
Analysis for Office				
Lumira Desktop 1.31				
Design Studio				
Predictive Analytics				
Analysis for OLAP				

Lumira Demo

Demo

- **Combine Data Sources**
- **Creating A Story**
- **Predictive Analysis Capabilities**
- **R Integration**



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