JASPERSOFT

Introducing Jaspersoft 4

The Promise of BI

- Improves Business Performance

BT
- Reduced operational spend and customer satisfaction

disytel
- Increased revenue and competitiveness

SYNTEL >Consider IT Done
- Improved profitability

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Number of people using BI

Posted by Boris Evelson on March 20, 2010

"…(of the) 66 million workers employed by US firms who could potentially use BI, 1.5 million use BI apps, or just over 2%..."

Aberdeen *Group*
A Harte-Hanks Company

"Within Industry Average Companies, 25% use a BI solution"

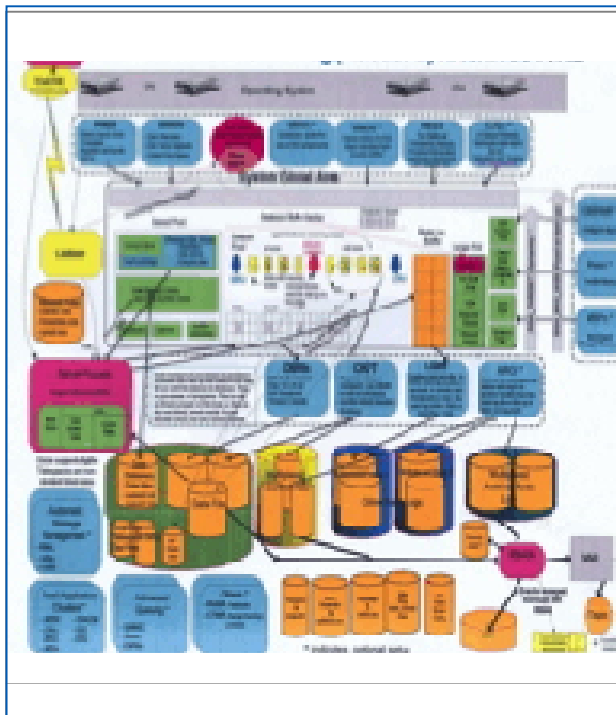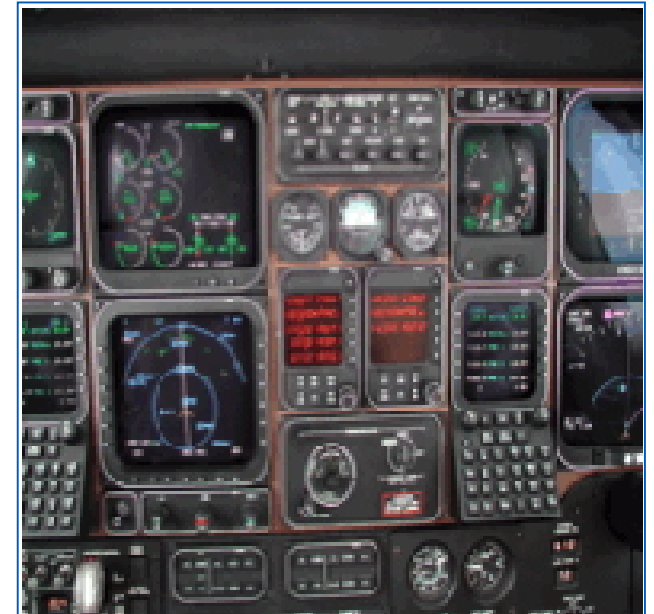*"The Business Value of Pervasive BI", July 2009*

How did we get here?

- Factors impacting broader adoption

Cost

Architecture

Usability

Today's Agenda

- **Who is Jaspersoft?**

- **Introducing Jaspersoft 4**
  - Fulfilling the Promise of BI
  - The BI Builder
  - Demonstration

- **Q & A**

Who is Jaspersoft?

JASPERSOFT

The World's Most Widely Deployed Business Intelligence

Flexible

- Modular, lightweight

- Cloud, SaaS, On-Premises

Affordable

- 80% less than traditional BI providers

Proven

- 12 million+ product downloads
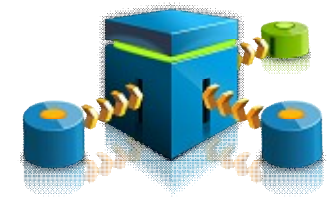
- 160,000 production deployments

End-to-End BI Suite

Reports & Dashboards   **BI Platform**   **Analysis**   **Data Integration**

Sample Jaspersoft Customers

JASPERSOFT

Software & Technology

redhat.
HANDYSOFT
hp
NetApp
ZenithOptimedia
sacem f
YARRIS RESHAPING SERVICES MANAGEMENT
ca technologies

Public Sector

UEL University of East London
UNIVERSITY 1 OF Nebraska
USDA
NASA
DEPARTMENT OF THE NAVY UNITED STATES MARINE CORPS
City of Canterbury City of Cultural Diversity

Healthcare/Pharmaceutical

HealthPort.
RelayHealth
TELVENT
MERCK FROSST

Travel & Transportation

arc
Sabre Hospitality Solutions.
IHG InterContinental Hotels Group

Financial Services

QED FINANCIAL SYSTEMS
Virgin money
AFB Association of Finance Brokers
THOMSON REUTERS

Telecommunications

BT
verizon
TATA COMMUNICATIONS
revol wireless

Manufacturing

Rockwell Automation
LAFARGE
DUPONT
GGB BEARING TECHNOLOGY

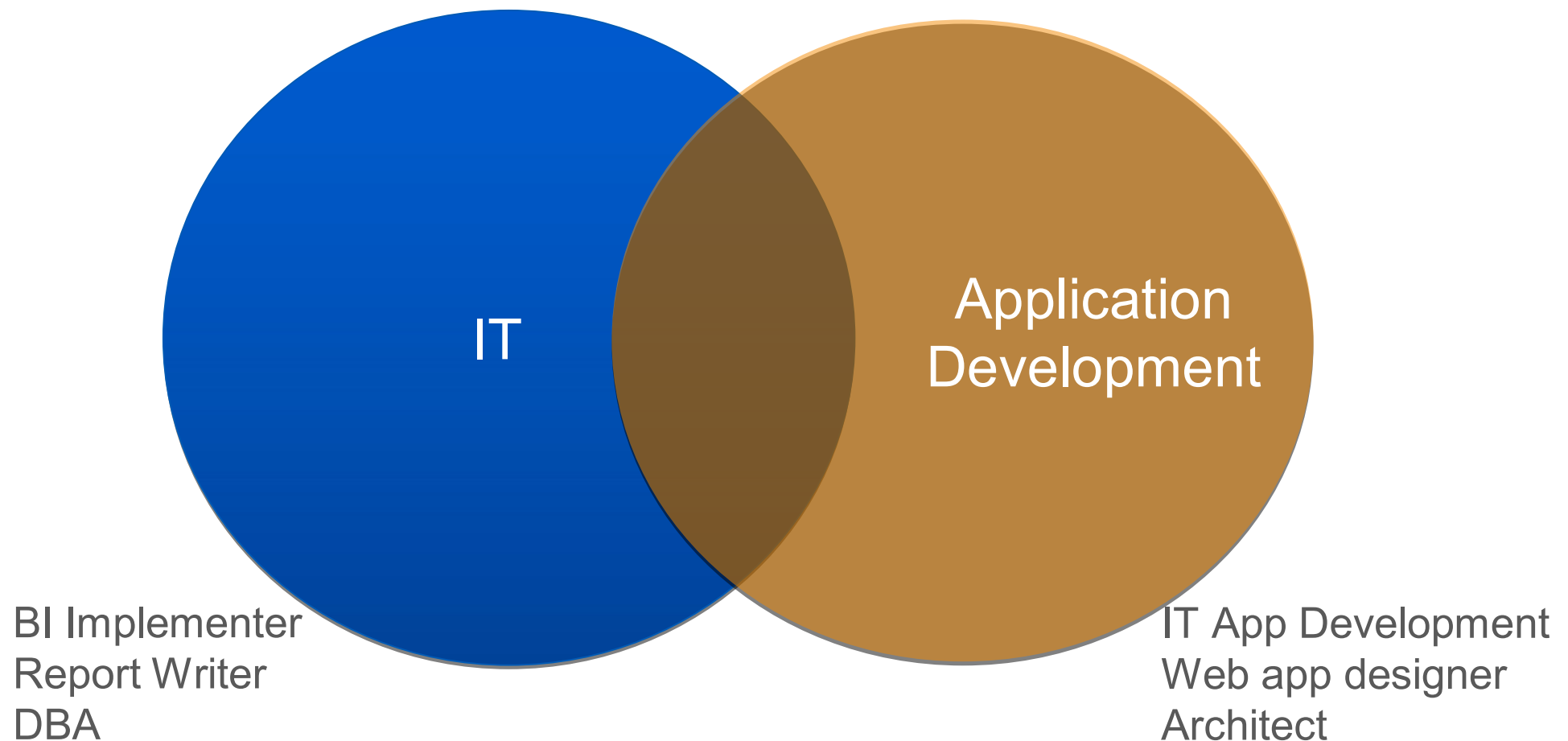Case Studies > www.jaspersoft.com/customers

- Who is Jaspersoft?

- **Introducing Jaspersoft 4**
  - **Fulfilling the Promise of BI**
  - **The BI Builder**
  - **Demonstration**

- Q & A

Fulfilling the Promise of BI

- Affordable: Acquisition to Deployment
- Flexible Architecture: Convergence with Applications
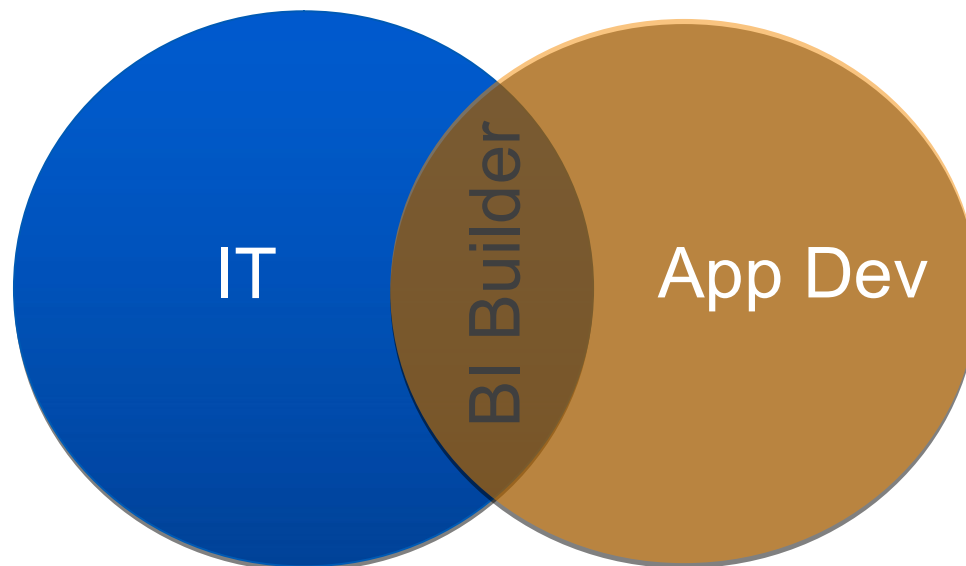- Easy to Use: Designed with Consumer in Mind

The Enablers of Better BI

- New profile has emerged to improve BI adoption

IT

Application Development

BI Implementer
Report Writer
DBA

IT App Development
Web app designer
Architect

Introducing the BI Builder

- **Affordable Solution**
- **Flexible Web Based Architecture**
- **Consumer Web App UI experience**

IT

BI Builder

App Dev

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The World's First End-to-End BI Suite Designed for Web Applications

- Consumer Web Application-like UI
- 100% Complete Web Application BI Stack
- Easy to embed and integrate
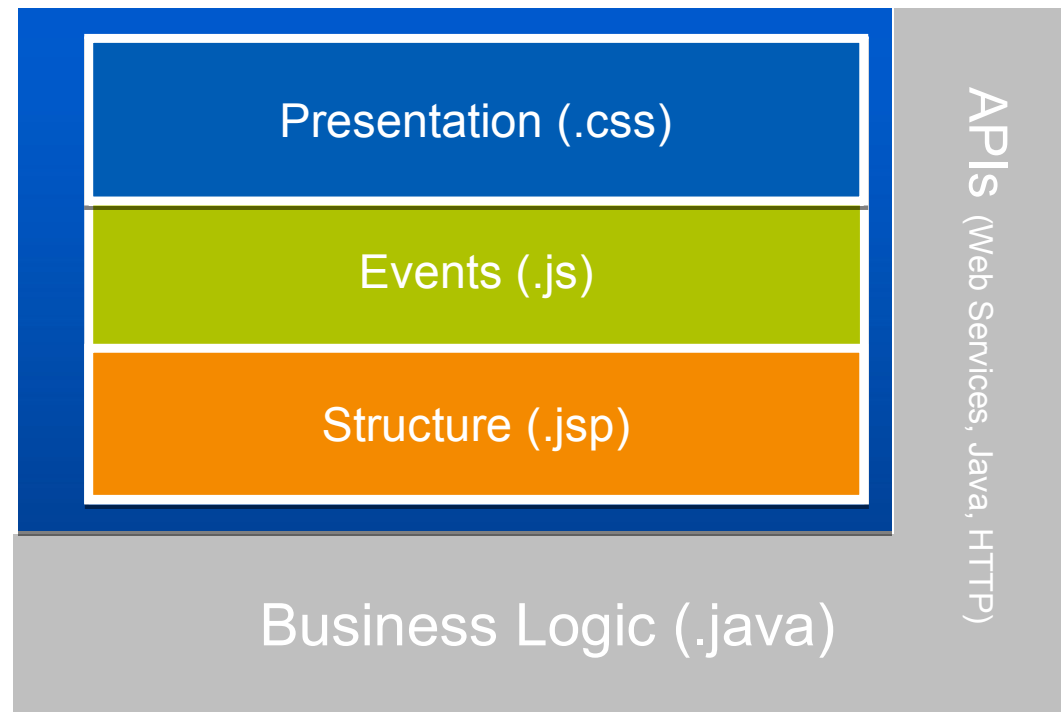
Jaspersoft 4: Consumer Web App UI
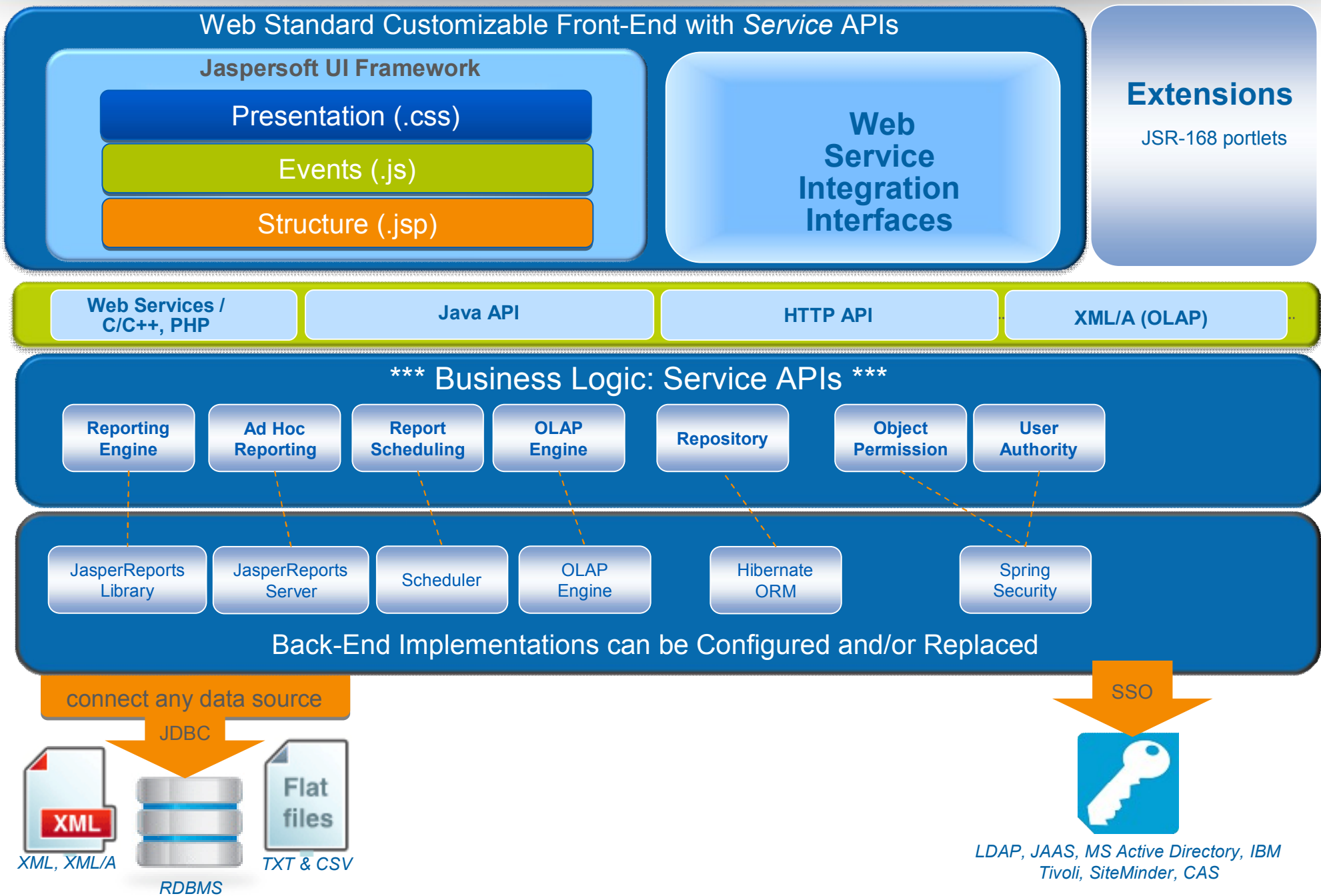
- Modern
- Intuitive
- Interactive

Demo

Jaspersoft 4: 100% Web App BI Stack

- **Jaspersoft User Interface Framework**
  - Separates presentation from structure & events
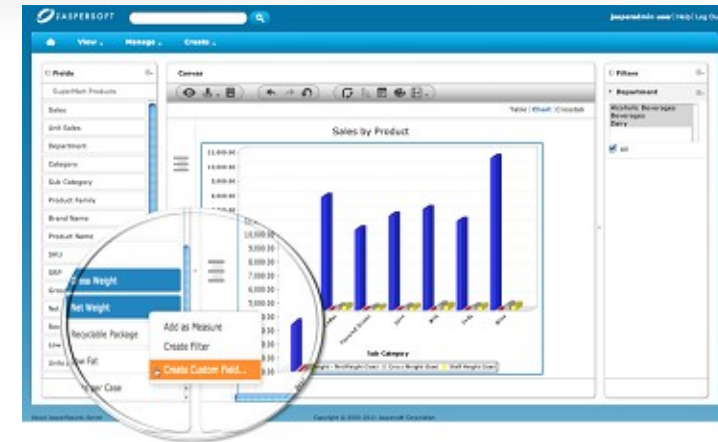 - Follows Web UI Standards – W3C

Presentation (.css)

Events (.js)

Structure (.jsp)

APIs (Web Services, Java, HTTP)

Business Logic (.java)

Jaspersoft 4: 100% Web App BI Stack

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Web Standard Customizable Front-End with *Service* APIs

Jaspersoft UI Framework

Presentation (.css)

Events (.js)

Structure (.jsp)

Web Service Integration Interfaces

Extensions

JSR-168 portlets

Web Services / C/C++, PHP	Java API	HTTP API	XML/A (OLAP)

*** Business Logic: Service APIs ***

Reporting Engine

Ad Hoc Reporting

Report Scheduling

OLAP Engine

Repository

Object Permission

User Authority

JasperReports Library

JasperReports Server

Scheduler

OLAP Engine

Hibernate ORM

Spring Security

Back-End Implementations can be Configured and/or Replaced

connect any data source

JDBC

SSO

XML, XML/A

RDBMS

TXT & CSV

Flat files

LDAP, JAAS, MS Active Directory, IBM Tivoli, SiteMinder, CAS

Jaspersoft 4: Easy to Embed & Integrate

- **For IT Applications**
    - Enables rapid prototyping
    - Fits standards of existing applications
        - portals, UIs, SSO integration
    - Delivers desired functionality

- **For Commercial Applications**
    - Affordable package
    - UI Morphs into the look you require
    - Per Tenant UI Themes

Other BI product UI framework

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```
<div style="display: inline; " class="gwt-TreeItem" role="treeitem" id="gwt-uid-47">
        </tr>
      </tbody>
        </div>
```

☐ 📁 Steel Wheels

    📁 Analysis

    📁 Charts

☐ 📁 Dashboards

    ☐ 📁 Widget Library

        📁 Analysis Views

        📁 KPIs

        📁 Report Snippets

  📁 Reporting

```
                                          ce: nowrap; display: none; ">


                                 padding-top: 0px; padding-right: 0px; padding-bottom: 0px; padding-left: 0px; "
                                 ="reports">
                                 wrap; ">

<td style="vertical-align: middle; ">
  <img src="http://demo.pentaho.com/pentaho/mantle/clear.cache.gif" style="background-image:
  url(http://demo.pentaho.com/pentaho/mantle/EAC2E33CD4B780B5A88A44308412F1CB.cache.png); background-attachment:
  initial; background-origin: initial; background-clip: initial; background-color: initial; width: 35px; height: 14px;
  background-position: -798px -14px; background-repeat: no-repeat no-repeat; " border="0" />
</td>
<td style="vertical-align: middle; ">
  <div style="display: inline; " class="gwt-TreeItem" role="treeitem" id="gwt-uid-76">
    Reporting
  </div>
</td>
    </tr>
  </tbody>
</table>
<div style="white-space: nowrap; display: none; ">
</div>
</div>
</div>
</div>
```

This list of folders is a table within a div within a table with style and semantics mixed together

Jaspersoft 4 UI Framework


```html
<ul class="list responsive collapsible folders  hideRoot" id="foldersTree" style="-moz-user-select: none; position: relative;">
  <li class="folders node open" id="node1" tabindex="-1">
    <p class="wrap button draggable"><b class="icon" id="handler1"></b></p>
    <ul class="list responsive collapsible" id="node1sub">
      <li class="folders node open" id="node2" tabindex="-1">
        <p class="wrap button draggable" id="anonymous_element_1"><b class="icon" id="handler2"></b>Organization</p>
        <ul class="list responsive collapsible" id="node2sub">
          <li class="folders node closed" id="node3" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_3"><b class="icon" id="handler3"></b>Ad Hoc Components</p>
          </li>
          <li class="folders node closed" id="node4" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_4"><b class="icon" id="handler4"></b>Analysis Components</p>
          </li>
          <li class="folders node closed" id="node5" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_5"><b class="icon" id="handler5"></b>Content Files</p>
          </li>
          <li class="folders node closed" id="node6" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_6"><b class="icon" id="handler6"></b>Dashboards</p>
          </li>
          <li class="folders node closed" id="node7" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_7"><b class="icon" id="handler7"></b>Data Sources</p>
          </li>
          <li class="folders node closed" id="node9" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_8"><b class="icon" id="handler9"></b>Domains</p>
          </li>
          <li class="folders node closed" id="node10" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_9"><b class="icon" id="handler10"></b>Images</p>
          </li>
          <li class="folders node open" id="node12" tabindex="-1">
            <p class="wrap button draggable" id="anonymous_element_12"><b class="icon" id="handler12"></b>Reports</p>
            <ul class="list responsive collapsible" id="node12sub">
              <li class="folders node closed" id="node16" tabindex="-1">
                <p class="wrap button draggable"><b class="icon" id="handler16"></b>Samples</p>
              </li>
            </ul>
          </li>
        </ul>
      </li>
    </ul>
  </li>
</ul>
```

This list of folders is
a list in the HTML code
with meaningful semantics

View ▾   **Manage** ▾   **Create** ▾

▣ **Fields** 📄▾

foodmart data for crosstab

Customer Country

Customer State

Customer City

Customer Gender

Product Family

Product Category

Product Subcategory

Product Name

Product Department

Store Country

Store State

Canvas

👁 ⬇▾ 🗐   ↩ ↪ ↺   ⬚ ⬆≡ 🗐 🎨 🗒▾

Sample Data | Full Data   **Table** | Chart | Crosstab

Product Sales

Store State	Product Subcategory	Unit Sales
Guerrero	Nuts	2.00
Guerrero	Nuts	4.00
Guerrero	Nuts	4.00
Guerrero	Nuts	3.00
Guerrero	Nuts	3.00
WA	Nuts	1.00
WA	Nuts	3.00

▣ **Filters** 📄▾

▾ **Store State** 📄▾

BC
CA
DF
Guerrero
Jalisco

☑ All

▾ **Store Country** 📄▾

Canada
Mexico
USA

☑ All

Demo

Jaspersoft 4 Recap
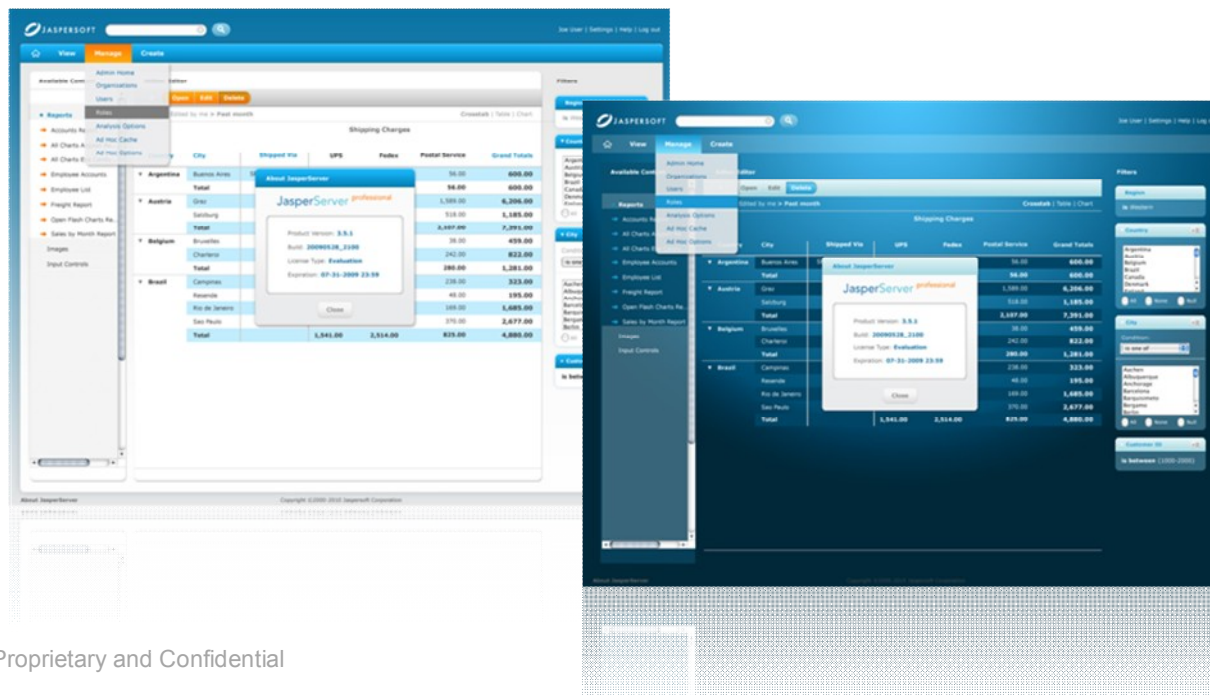
The World's First End-to-End BI designed for Web Applications

- Consumer Web Application-like UI
- 100% Complete Web Application BI Stack
- Easy to Embed and Integrate

Jaspersoft Editions

Commercial Editions

Jaspersoft Business Intelligence Enterprise
- Data Integration
- OLAP Analysis
- Audit Logging

Jaspersoft Business Intelligence Professional
- Ad Hoc Report Designer
- Dashboard Designer
- In-Memory Analysis

JasperReports Server Professional
- Report Repository
- User Access & Administration
- Report Scheduling

JasperReports Professional
- Java Reporting Library
- Report Studio
- Professional Charts

Don't Miss it!

- February 7-9, 2011
- Hyatt Fisherman's Wharf
- San Francisco

- Keynotes by Howard Dresner, Marten Mickos
- Hands-on technical sessions
- Fun events

Q & A

JASPERSOFT

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