




**ORACLE®**

**Introduction to Oracle Enterprise Performance  
Management Smart Space: Always-On Business  
Intelligence Across the Enterprise**

Hackey Weinberger  
Senior Product Manager, Oracle EPM Smart Space





The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

# Agenda

- Introduction to Smart Space
- Demonstration of Key Features
- Architecture and Gadget Creation
- Early Impressions
- Q&A

# Introduction to Smart Space



# The reality of BI adoption ...

**“Currently an average of 18 percent of potential BI users actively use BI tools.”**

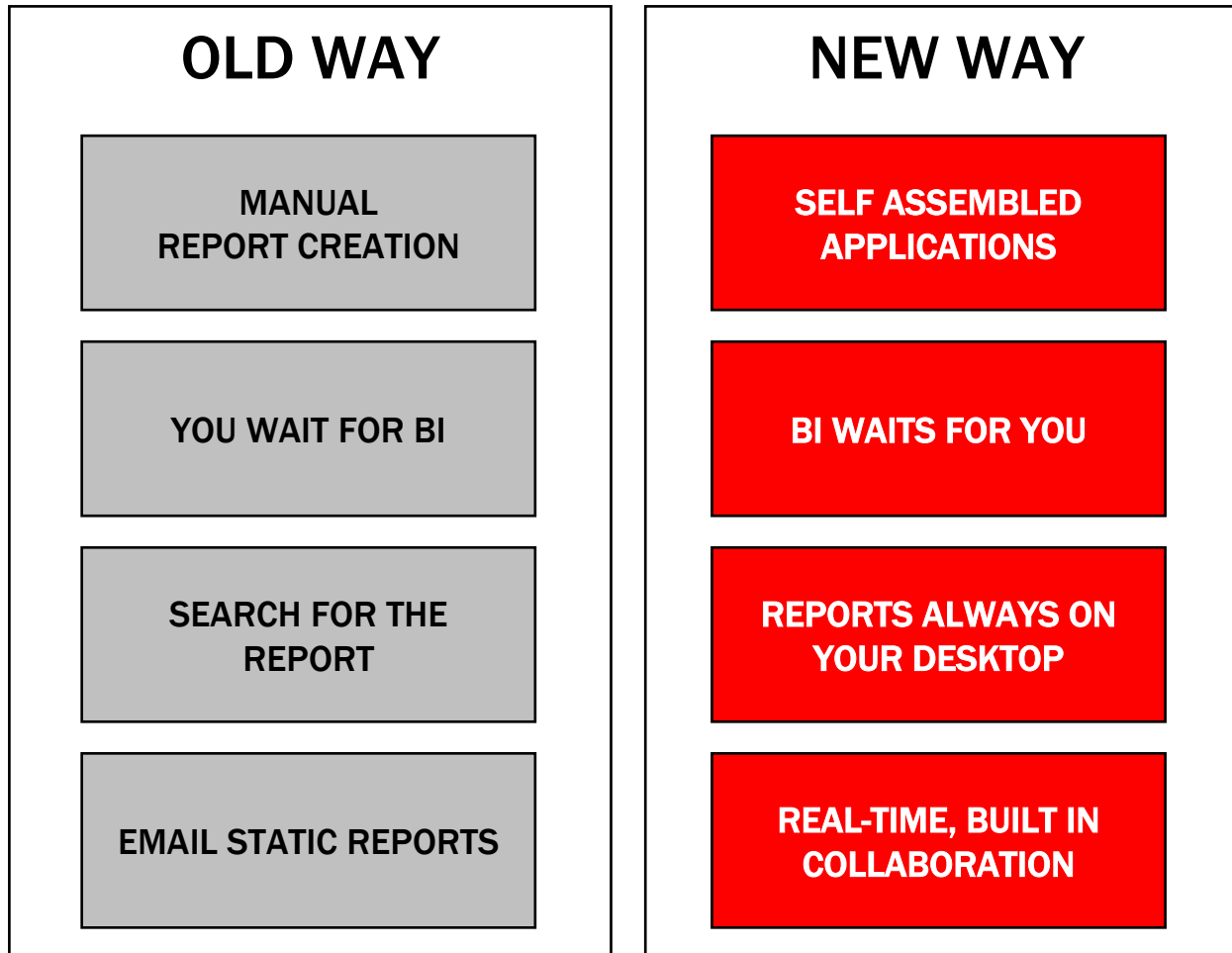
**TDWI**

Enterprise Business Intelligence:  
Strategies and Technologies for  
Deploying BI on an Enterprise Scale  
August 2005

# ... Calls For a New BI Experience

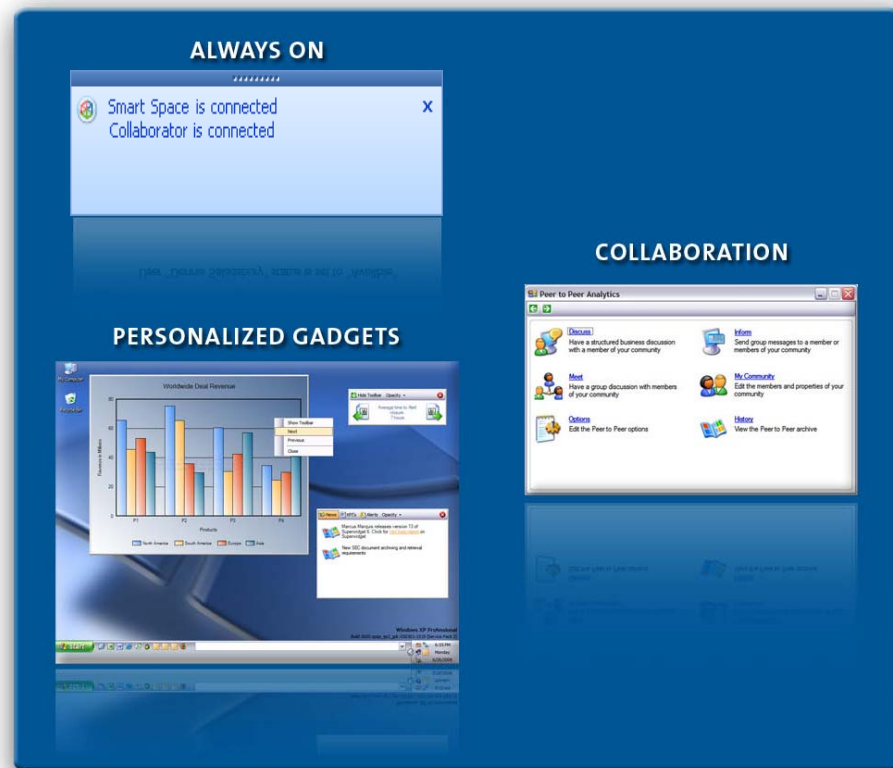
- BI doesn't reach 80% of its potential users
  - Complex
  - Often requires specialized skills
  - Users must leave the environment they are most familiar with
- Yet those users are requesting insight
  - Instantly – without having to open a tool and seek information
  - Easily – without making demands on IT
  - Effectively – without following a path dictated by a tool
- A new transparent BI experience is needed
  - Training isn't required to use e-mail, IM, search, and browsers
  - Users don't think about picking up the phone or chatting in hallways

# Out with the Old and in with the New



# Oracle Enterprise Performance Management Smart Space

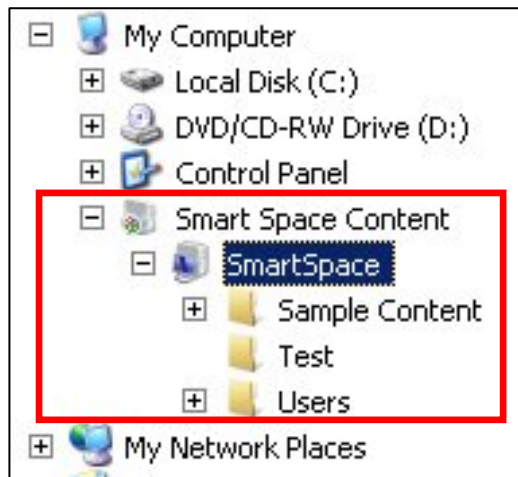
The first personalized information delivery solution for BI and EPM that uses desktop gadgets





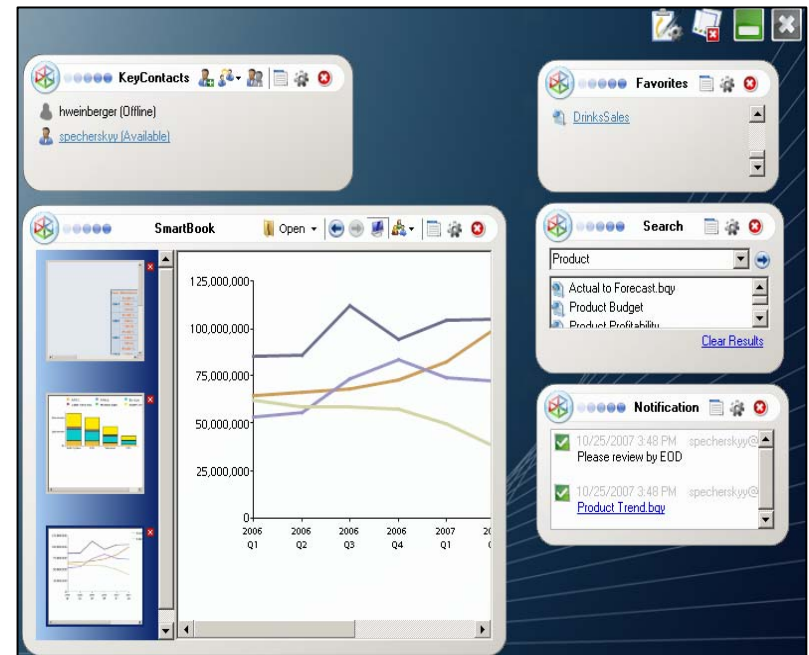
# Always-On

- Smart Space automatically logs users into Oracle BI
- Open a report or dashboard with a single click
- Access BI/EPM content from Windows Explorer



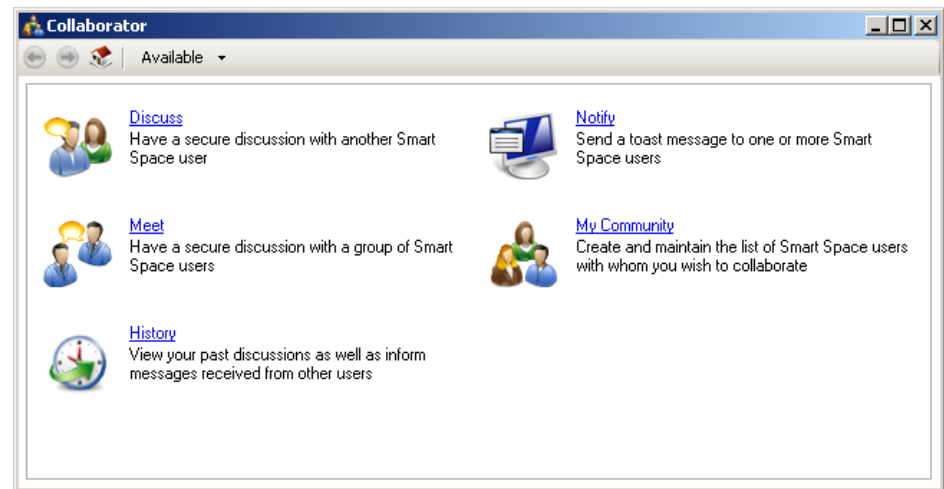
# Personalized Gadgets: The Heart of Smart Space

- Lightweight, specialized, mini-applications
- BI and EPM information at a glance
- Core application functionality



# Integrated EPM Collaboration

- Built into the Smart Space environment
- Content sharing between co-workers
- 1-to-1 and 1-to-many discussions
- Threads can be archived for auditing



# Managed Self Service

- IT maintains control but allows user independence
- Deployment and updates via ClickOnce
  - No administrator rights required
  - Runs in a secure 'sandbox' environment
- IT determines which gadgets are available
- Desktops of gadgets can be published and shared
- Security privileges are based on the user's information defined in Shared Services

# Today, supports Hyperion Performance Management and BI version 9.3.1

## EPM Presentation

Web  
(Workspace)

Desktop Gadgets  
(Smart Space)

Office  
(Smart View)

## BI Modules

Interactive  
Reporting

Production  
Reporting

Web  
Analysis

Financial  
Reporting

## Data Sources

  
Data  
Warehouse  
Data Mart

  
OLTP,  
ODS, ERP  
Systems

  
Essbase

Financial Management Applications

Planning

Financial  
Management

# Pricing, Packaging and Licensing

- Downloadable from eDelivery and OTN
- Part of Oracle's EPM System's Foundation Services
- Provides additional, unique functionality without additional cost
  - No separate licensing for Smart Space
  - Users must be defined in Shared Services

# Demonstration



# Architecture and Gadget Creation





# Smart Space Architecture

Support for:  
Windows XP and  
Windows Vista

## Smart Space Client

- ClickOnce deployed on restricted user desktop
- Administration Utility - administrator decides what gadgets a user can install
- Gadgets are published to Smart Space desktops

SOAP over HTTP or HTTPS

J2EE standards-based  
web services.

Runs on all standard  
supported application  
servers and platforms  
(Windows and UNIX)

## Smart Space Services

### Smart Space Web Services

- Administration Web Service
- BI+ Web Service
- Authentication Web Service

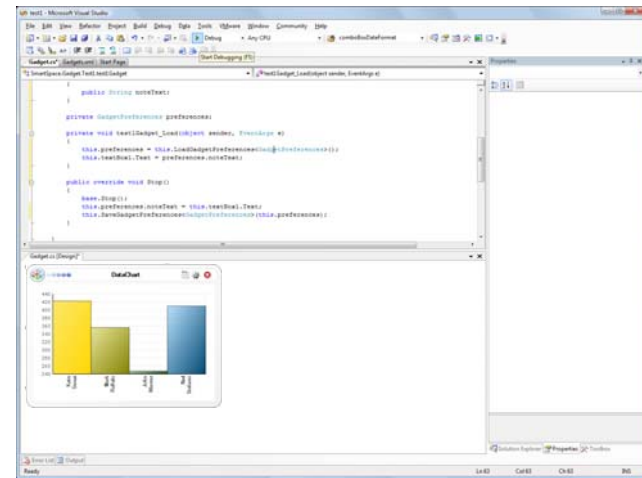
### Collaborator Service

Hyperion Reporting  
and Analysis  
including Shared  
Services and  
Workspace

## Oracle BI

# Customize and Enrich the User Experience with the Smart Space Development Kit

- Designed for partners and customers to build their own Gadgets
- Implemented as add-in to Visual Studio 2005
  - Project templates for Visual Basic and Visual C#
  - Provides a client-side object model in a .NET WinForms environment for developing Smart Space Gadgets
- Custom Gadgets deployed via same manner as standard Gadgets
- Ships with Smart Space product





# Deploying a Custom Gadget Easy as 1-2-3

Developer designs and builds a new Gadget

IT validates, signs and deploys the new Gadget with the Administration utility

User can install and use the Gadget

1

SmartSpace GDK Documentation  
IContentViewer Interface  
Namespaces  Hyperion.SmartSpace.Gdk.Interfaces  IContentViewer

Launches the Content Viewer with a specific...

Declaration Syntax

C# Visual Basic Visual Basic

```
public interface IContentViewer : IGadget
```

Members

Icon Member

2

Hyperion Smart Space Administration Utility  
Logged in as admin

Name	Action	Recommend	Version	Product	Publisher	Status
BriefingBook	None	<input type="checkbox"/>	9.3.1.14	BriefingBook	Hyperion Solutions	Published
Favorites	None	<input type="checkbox"/>	9.3.1.14	Favorites	Hyperion Solutions	Published
KeyContacts	None	<input type="checkbox"/>	9.3.1.14	KeyContacts	Hyperion Solutions	Published
Notes	Publish	<input type="checkbox"/>	1.0.0.1	Notes	Smart Space Labs	Local Un-Signed
Notification	None	<input type="checkbox"/>	9.3.1.14	Notification		
Search	None	<input type="checkbox"/>	9.3.1.14	Search		
SmartSpace	None	<input type="checkbox"/>	9.3.1.14	Framework		

Add Download

3

Folder Monitor Gadget

Path: /Corporate/Finance/Analyst Reports Go

SalesByStores... Budget\_Analysis\_03\_Income\_St... Product\_Mix\_R...

View Details  
Open

# Early Impressions



## What Arizona State University Is Saying

“Smart Space is the kind of triggering innovation that will influence managers and operations personnel alike to join a growing crowd of BI enthusiasts. Smart Space’s support for the customization of easy-to-use and intuitive interfaces is exciting given the traditionally cumbersome manipulations required to get to the heart of business analytics. I expect Smart Space will be the catalyst for many who seem content standing on the sidelines to be infected by the superior evidence-based management culture that BI supports.”

Professor Mark Goul, W. P. Carey School of Business, Arizona State University



## What Toyota Is Saying

“Oracle’s innovative approach to making BI access tightly integrated with the desktop experience eradicates the need for custom development. Smart Space will increase ROI from both sides of the equation, resulting in reduced development and training costs with a higher user adoption rate and greater BI analysts efficiency.”

Mike Burkes, Senior Data Technology Manager, Toyota Motor Sales USA, Inc.



## What Applied OLAP Is Saying

“Smart Space provides a new and exciting way to deliver functionality to customers that complements and adds value to the functionality of Oracle software. Further it also provides a great foundation where corporate developers can express their creativity to build custom gadgets for their internal customers.”

Tim Tow, President, Applied OLAP, Inc.






## What Kerdock Consulting Is Saying

“Smart Space is the most innovative addition to the business intelligence landscape I have seen in a long time. It offers real-time access to key bits of information without having to launch a full-blown application or reporting tool.”

Emil Fernandez, President, Kerdock Consulting

# For More Information

search.oracle.com

or

<http://www.oracle.com/technology/products/bi/epm/smart-space/index.html>

# Q & A

**ORACLE®**