

BI & DASHBOARDS WITH SHAREPOINT 2007

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Leveraging SharePoint to Deliver Business Intelligence Solutions

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About BlueGranite

- ◎ Profile: Microsoft Gold Partner, Business Intelligence Solutions
- ◎ Focus Areas:
 - Dashboard/BI Portal Design with SharePoint
 - Data Integration/Warehouse/Analytics
 - SQL Server Platform
- ◎ Services:
 - Strategy & Architecture
 - Implementation Services
 - Training & Mentoring



Data Management Solutions
Information Worker Solutions
Custom Development Solutions

About the Presenter

- Principal Consultant, Blue Granite
- 15 years with BI technology implementation
- Microsoft BI Virtual TS, Heartland

Microsoft
CERTIFIED

*Technology
Specialist*

SQL Server 2005
Microsoft® SQL Server™ 2005 Business Intelligence Development
Office PerformancePoint Server 2007, Applications

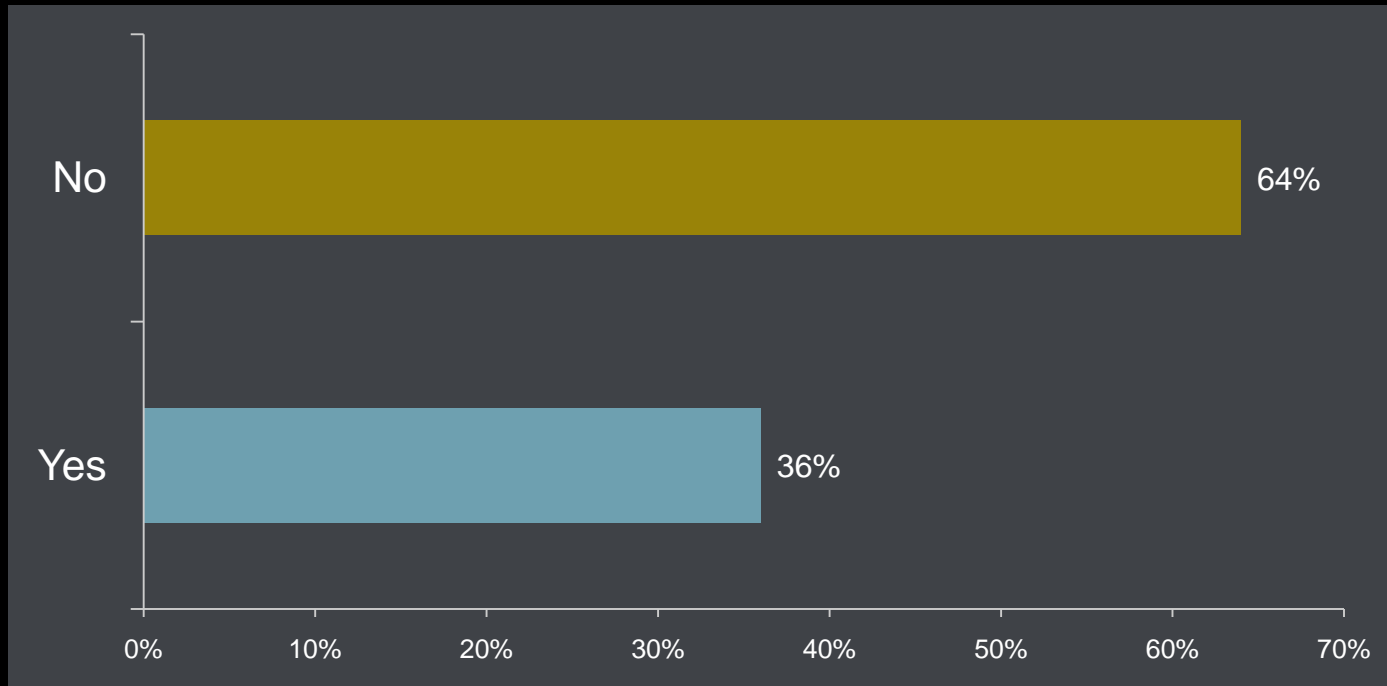
Agenda

- ⦿ BI Portal Business Case
- ⦿ Microsoft BI Architecture
- ⦿ MOSS BI Technologies
- ⦿ Real-World Example
- ⦿ Technology Demonstration
- ⦿ Getting Started

BI PORTAL BUSINESS CASE

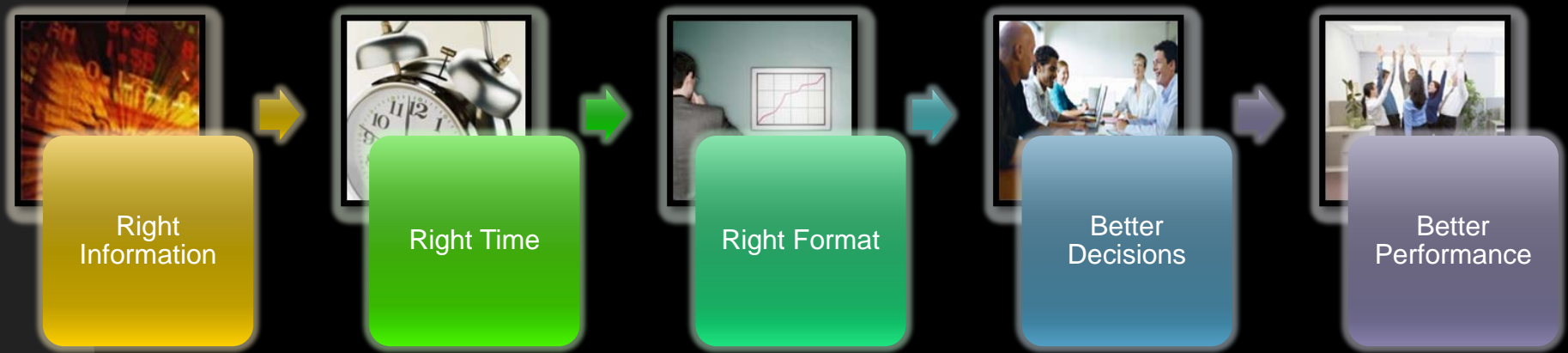
BI PORTAL BUSINESS CASE

A Question to CIOs: Is Management Using the Right Information to Run the Business?

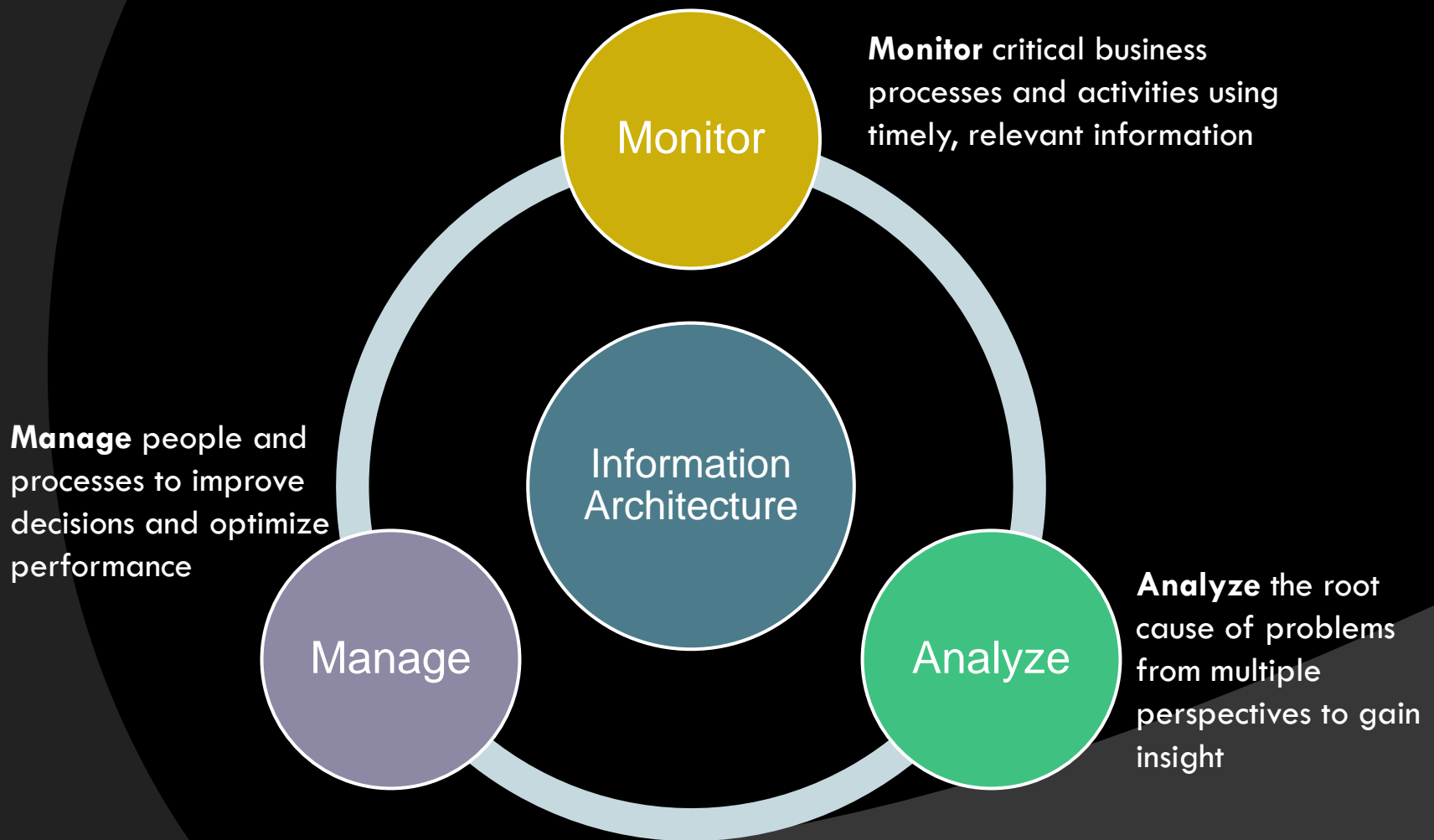


Source: Gartner EXP CIO report *Creating Enterprise Leverage: The 2007 CIO Agenda*, Feb 2007

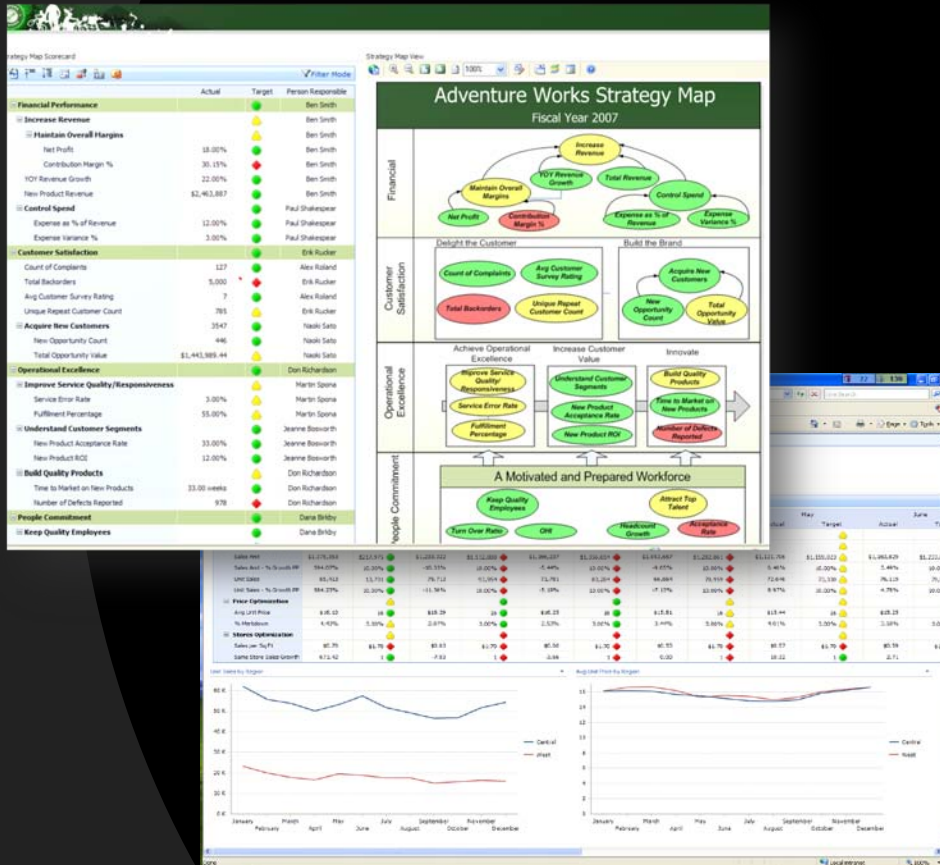
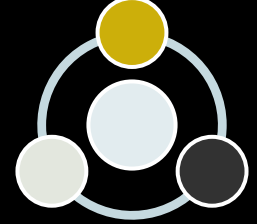
How Do People Achieve Better Performance?



Performance Dashboards

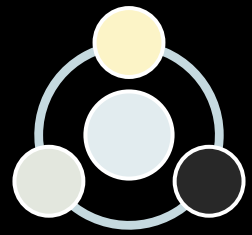


Monitor Business Performance

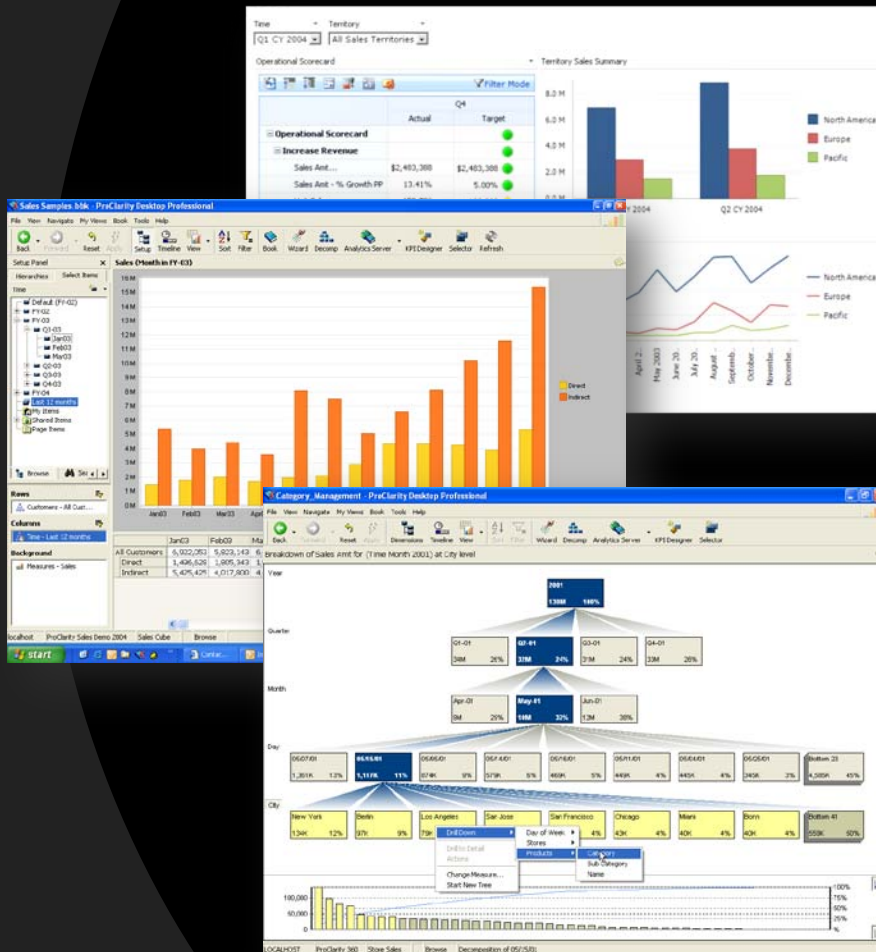


- Information at a glance
- Performance status and trends
- Scorecards and graphical views

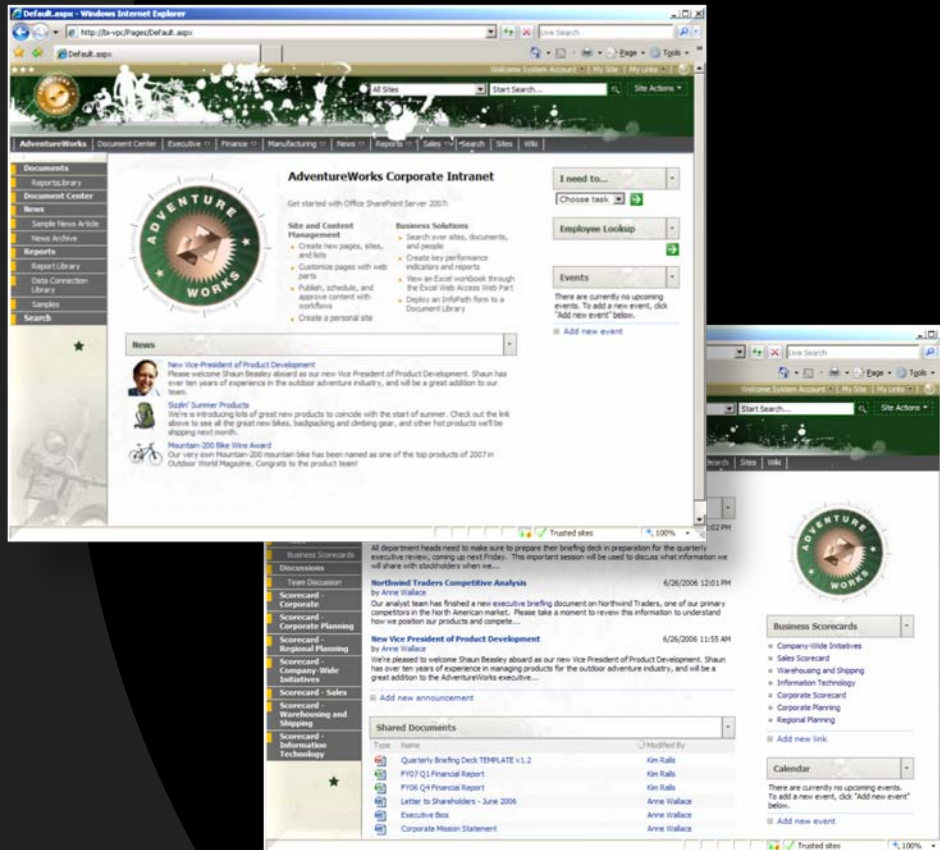
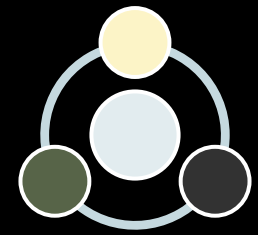
Analyze Performance Drivers



- Powerful visual exploration
- Guided navigation
- Self-service analytic reporting



Manage Business Initiatives



- Collaborative decision-making
- Track issues and capture discussions
- Communicate and coordinate activities

MICROSOFT BI ARCHITECTURE

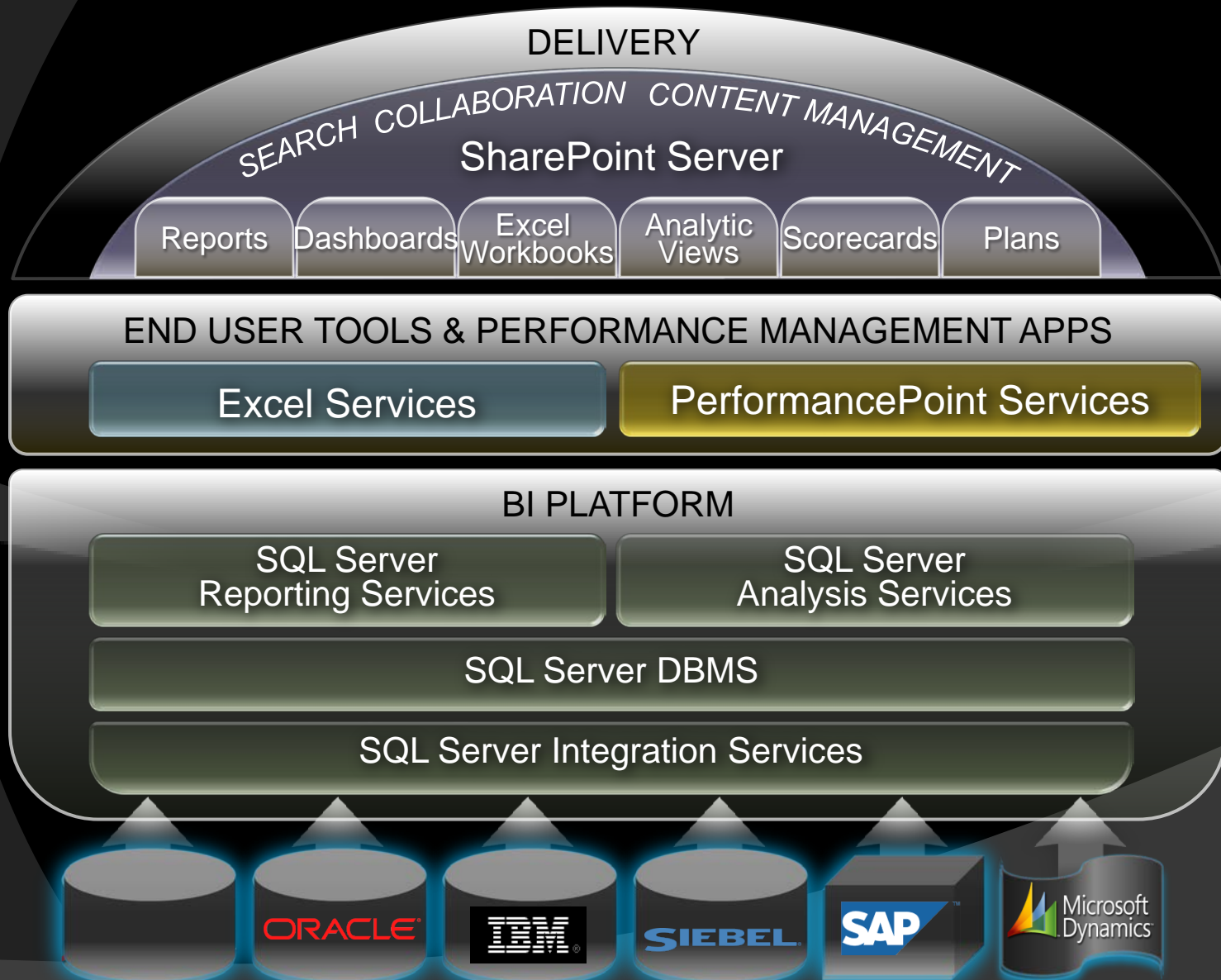
MICROSOFT BI ARCHITECTURE

Microsoft Business Intelligence

- ⦿ Increase the business performance of organizations
- ⦿ Increase the impact of information workers
- ⦿ Reach every employee
- ⦿ Add value to every decision
- ⦿ Bring BI into collaboration and business process

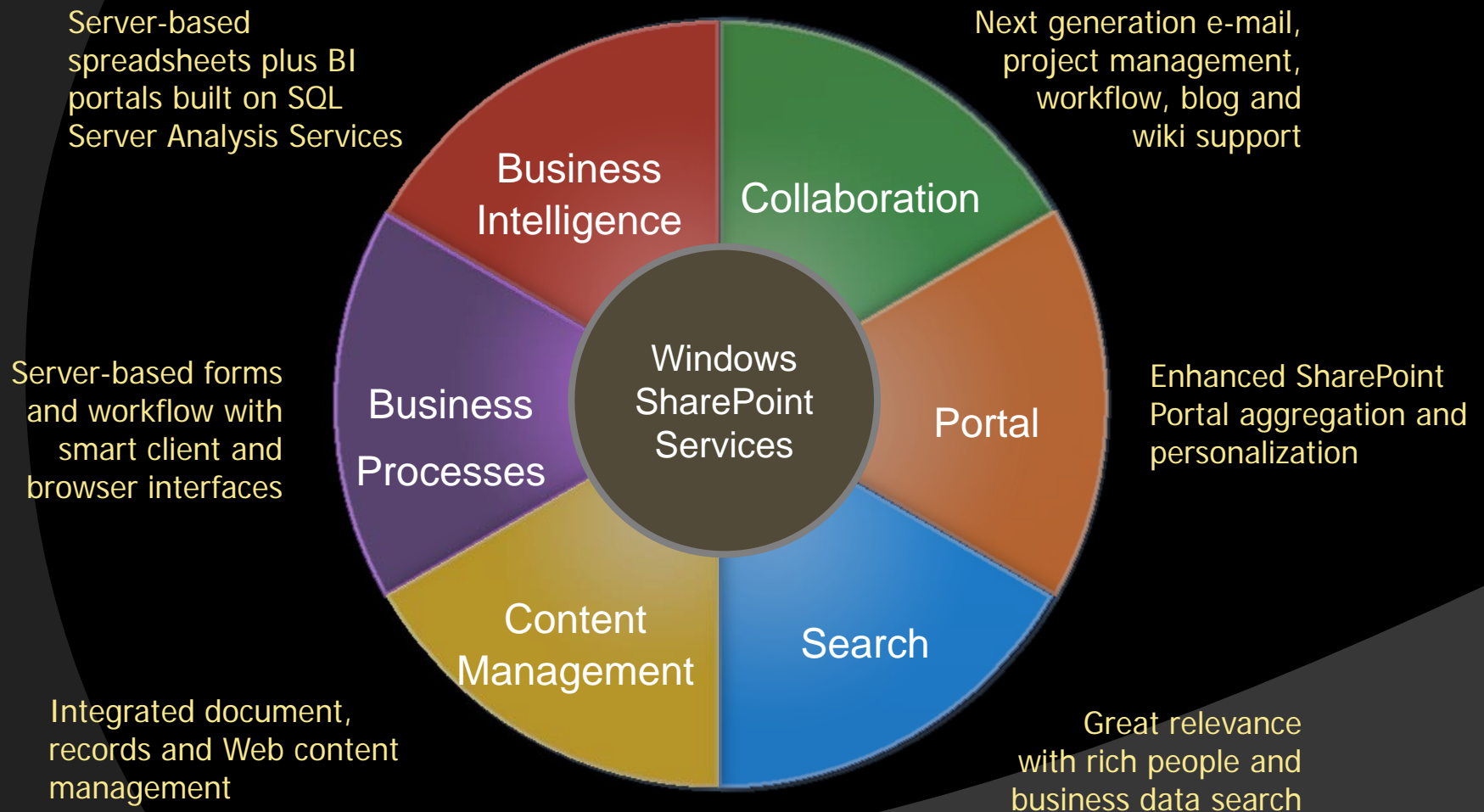


Microsoft BI Platform Architecture

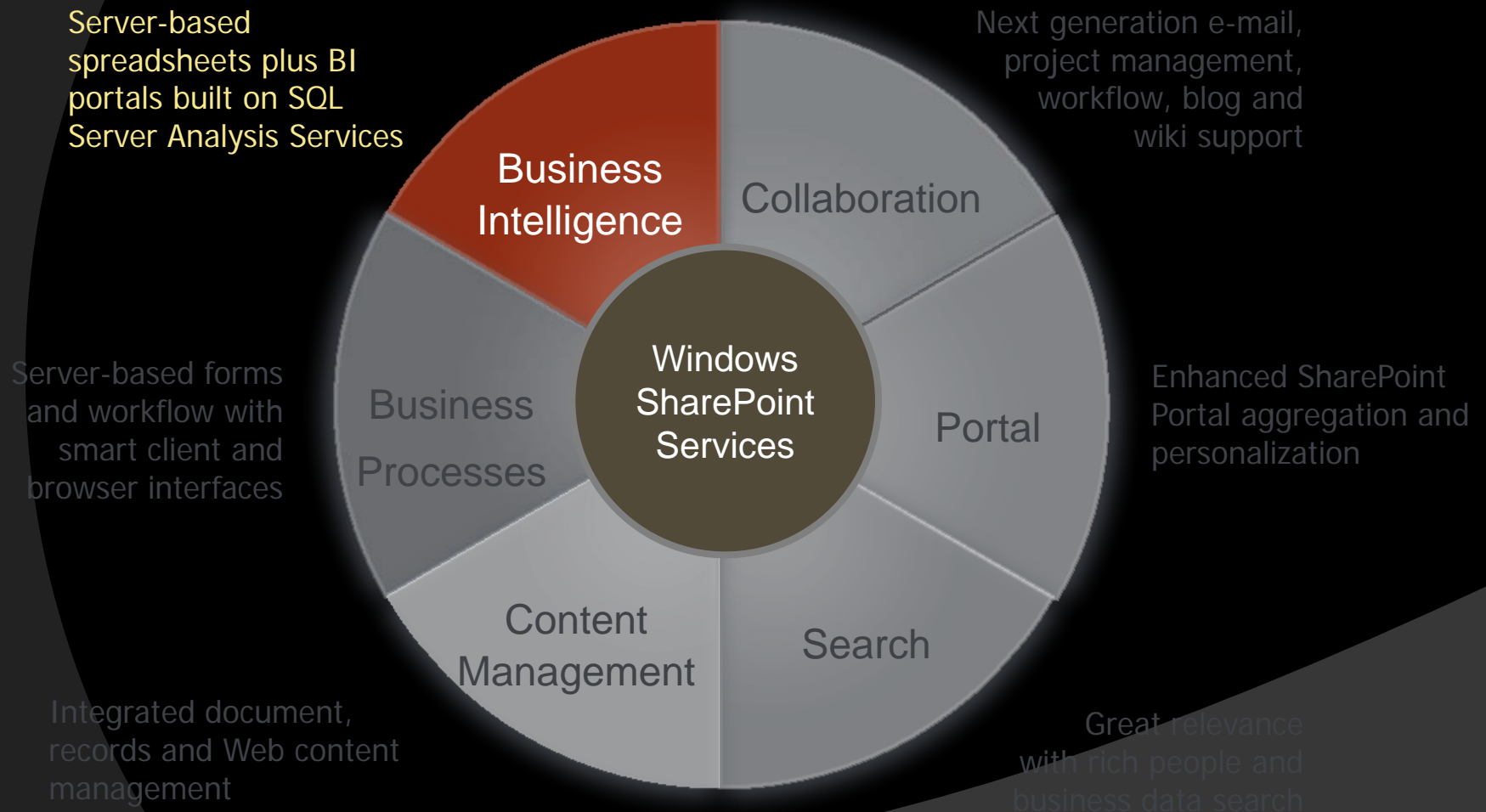


SHAREPOINT 2007 BI CAPABILITIES

Microsoft SharePoint Server 2007



Microsoft SharePoint Server 2007



Why incorporate BI in SharePoint?

- ⦿ Easily communicate and track goals
 - How is my sales pipeline?
 - How are inventory levels?
- ⦿ Make BI available to information workers
 - Everyone needs to make better decisions
 - Everyone needs better information
 - In the tools they already know
- ⦿ Reuse and enhance existing spreadsheets, reports and scorecards
- ⦿ Bring Business Intelligence, Collaboration and Enterprise Content Mgmt together

SharePoint BI Technologies

- ⦿ Excel Services
- ⦿ Business Data Catalog
- ⦿ SQL Reporting Services
- ⦿ KPI Lists
- ⦿ PerformancePoint Services
- ⦿ Report Center

SharePoint BI Technology Matrix

Technology	Value	Deployment
Excel 2007	End-user tool for unstructured analysis	Desktop application
Excel Services	Centralized, web-page presentation of Excel output	SharePoint service; HTML rendering within SP Pages; Web Service
BDC	Seamless integration of enterprise data into the SharePoint Portal	Woven into the MOSS infrastructure
Reporting Services	Predesigned, production-oriented reporting	SharePoint Integrated RS – reports surfaced as documents
KPI Lists	Simple KPI presentation from Excel, SP Lists, Data sources	User-accessible web parts
PerformancePoint Services	Enterprise-class Scorecard/Dashboards	Publish to SharePoint using Dashboard Designer
Report Center	Hub for organizational BI	Specialized site template shipped with MOSS 2007

PerformancePoint Services

- ◎ PerformancePoint Monitoring & Analytics “merged” into SharePoint 2007 February 2009
- ◎ Part of MOSS Enterprise CAL w/SA
- ◎ Enables highly-interactive (slice & dice) dashboards
- ◎ Dashboard designer for authors
- ◎ SharePoint Web Part Deployment Architecture

SAMPLE DASHBOARD

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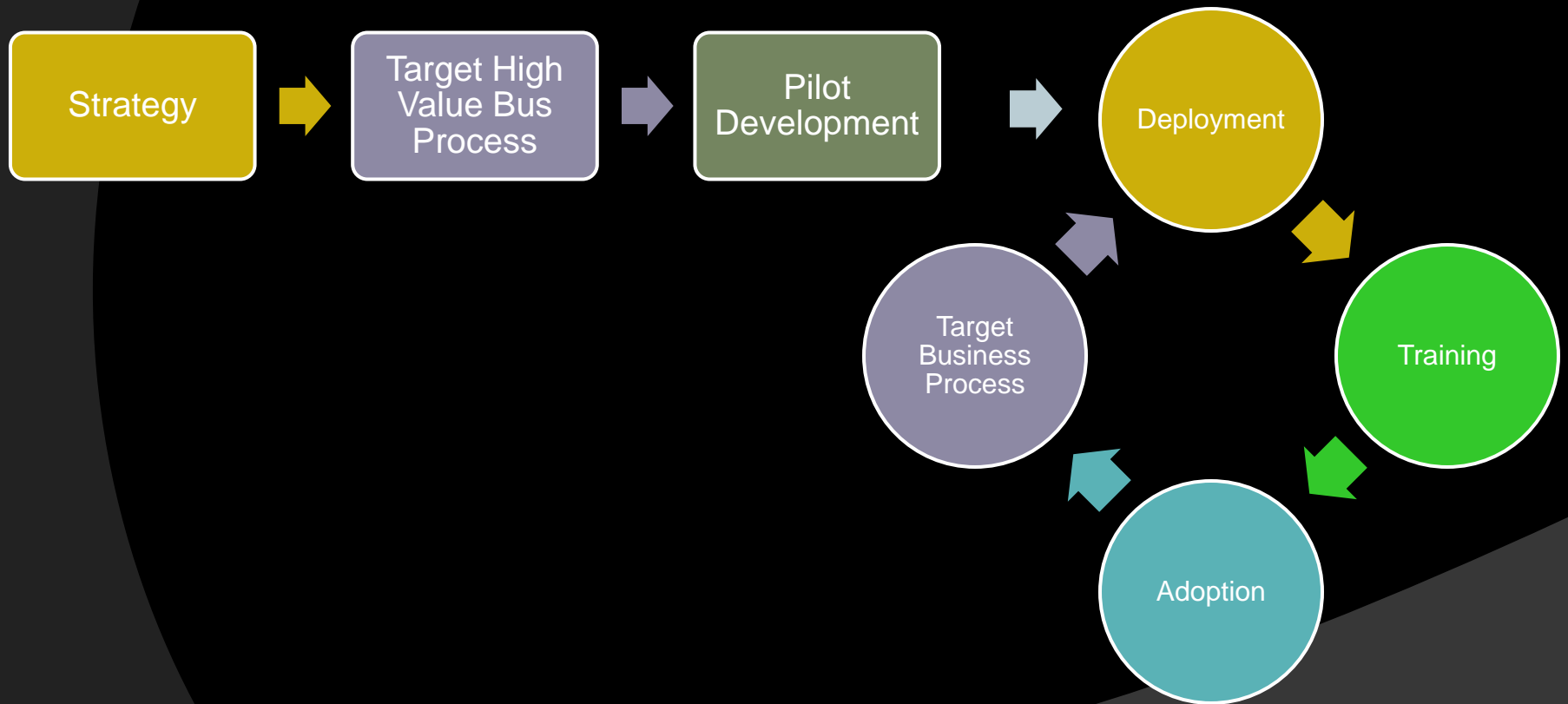
TECHNOLOGY DEMONSTRATION

TECHNOLOGY DEMONSTRATION

GETTING STARTED

GETTING STARTED

Getting Started



Getting Started - Deployment

- ⦿ Infrastructure Deployment
 - Configuration
 - Data Consolidation & Integration
 - Data Security
- ⦿ Pilot Deployment
 - Target high-impact business process
 - Develop IT familiarity with BI technologies
 - Develop Business User awareness of possibilities
- ⦿ Training
- ⦿ Adoption & Evolution



BLUEGRANITE

IMPROVING YOUR BUSINESS WITH TECHNOLOGY