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# IBM Cognos Performance Better Intelligence. Better Business.

# Driving Smarter Decisions through Planning and Analysis solutions powered by IBM Cognos 8

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Email: cilacqua@us.ibm.com





## Goals

- See how IBM Cognos Planning and Analysis solutions provide all the necessary capabilities to meet the diverse needs of Enterprise Planning & Analysis across your organization.
- Learn how the combination of analysis, modeling, and collaboration combined with and best practices such as driver based forecasts can drive faster and smarter decisions across your organization.
- See the solution in action with an in-depth demonstration that will help you evaluate the benefits of IBM Cognos Planning & Analysis solutions for your organization





## Agenda

- Finance & IT Challenges
- Overview Of Financial Performance Management Product Portfolio
- Enterprise Planning Solutions
- Performance Management Journey
- Demo
- Q&A
- Summary



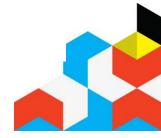


## Finance & IT Functions Faces Challenges

Need for Efficient and Sustainable Compliance







# The Challenge with Decision-Making Today: Elevated Finance & IT Demands



Manager







FINANCE EXECUTIVES







Empower the business users while cost-effectively meeting requirements for performance, conformance scalability and compliance.







**Executive** 



## Status Quo is Failing the Office of Finance

CF0

FP & A

Controller

Tax/

## **Spreadsheets Failing**

"there have been well-documented cases of errors and losses resulting from spreadsheet manipulation errors and accidents."

Source: Gartner, August 2007

## **Disparate Systems**

"Average finance organizations operate 11 finance systems per billion dollars of revenue."

Source: Hackett Group, 2007

#### **Business Risks**

"62 percent of enterprises ...
encountered a major risk event ... 42 % of these
enterprises were not well prepared for the event."

Source: IBM Global CFO Study 2008

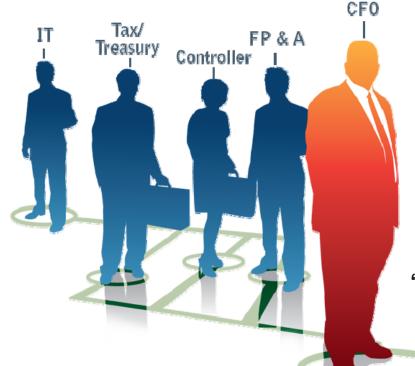


## ...But Forward Thinkers are Thriving

## **Driving Performance**

"68% anticipate serving as the performance management experts for the rest of the company."

Source: IBM Cognos / CFO Research, 2008



## ...Enterprise Rewards

"World-class EPM organizations deliver 2.4 times the returns of industry-peers companies."

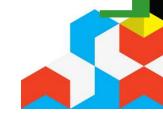
Source: Hackett Group, 2008

## ...with Professional Upside

"Corporate performance and CFO performance are inextricably linked; CFOs that deliver shareholder value are most likely to achieve the next career step they desire."

Source: CFO Executive Board, Strategies for Inflecting CFO Performance, 2004





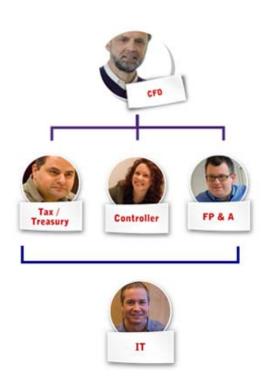
# Agenda

- Finance & IT Challenges
- IBM Cognos Performance Management Platform
- Enterprise Planning Solutions
- Performance Management Journey
- Demo
- Q&A
- Summary

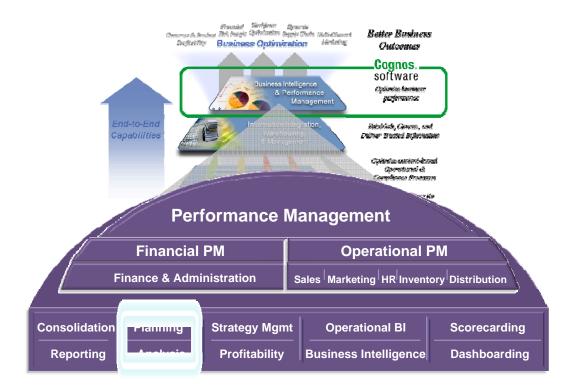




## IBM Cognos Performance Management System



Our Mission: Help Finance drive performance management process excellence and better business outcomes; report with confidence, accelerate alignment of resources with opportunity.



IBM Cognos 8 Controller

#### →IBM Cognos TM1

- Cognos 8 Business Intelligence
- Cognos 8 Business Viewpoint
- Performance Blueprints



# Agenda

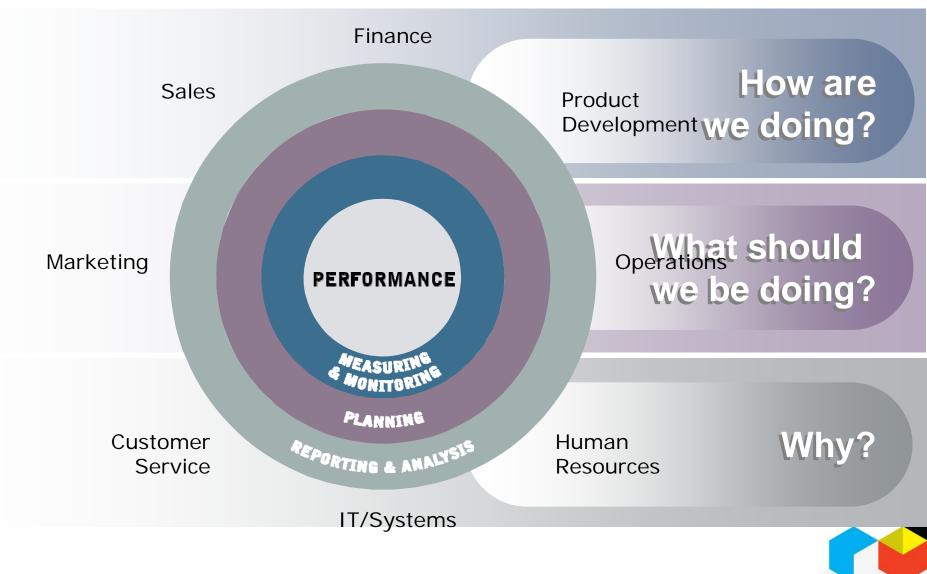
- Finance & IT Challenges
- IBM Cognos Performance Management Platform
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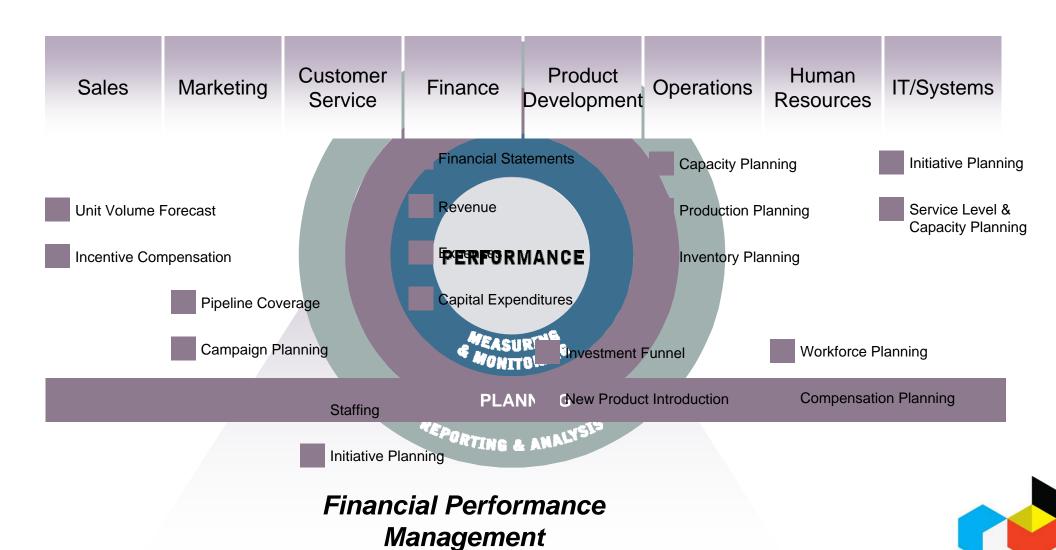
## Bl and Performance Management

Plan, Understand and Optimize Performance





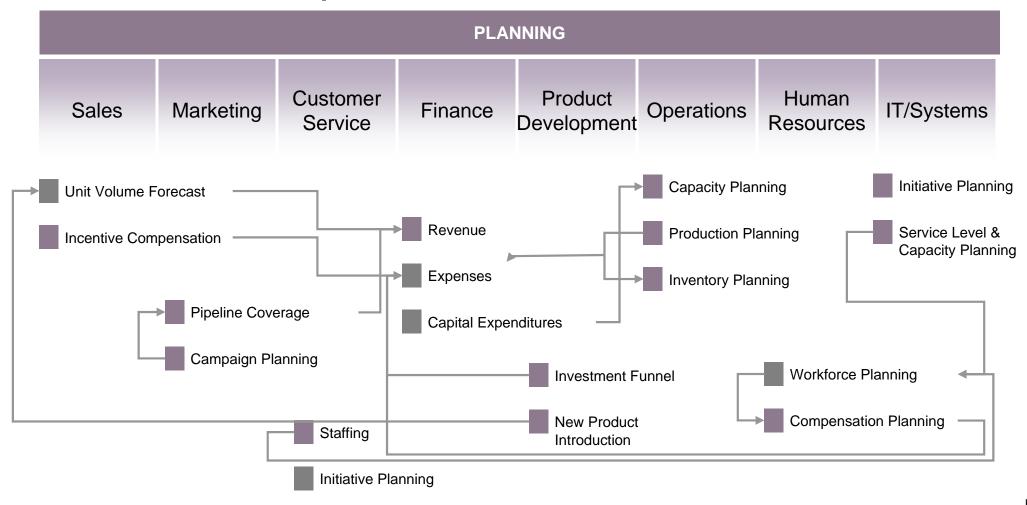
# Enterprise Planning Solutions Plan, Understand and Optimize Performance





## Enterprise Planning

Plan, Understand and Optimize Performance







#### **IBM Cognos Performance** PAIN: Inability to deliver timely, reliable forecasts & plans that align operational tactics with financial targets IT FP & A **Increased support** compliance-driven **PLANNING Finance initiatives** Customer Human Operations Sales Marketing Finance IT/Systems Resources Service Development Capacity Planning Initiative Planning **Infrequent Unreliable** Financial Statements **Forecasts** Revenue Service Level & **Production Planning** Incentive Compensation Capacity Planning Expenses **Inventory Planning** Data governance risk Weak Topof spreadsheet ONLY Down based systems in Workforce Planning vestment Funnel & Bottom-up **Finance** Coordination Compensation Planning New Product

Introduction

**Disconnected** 

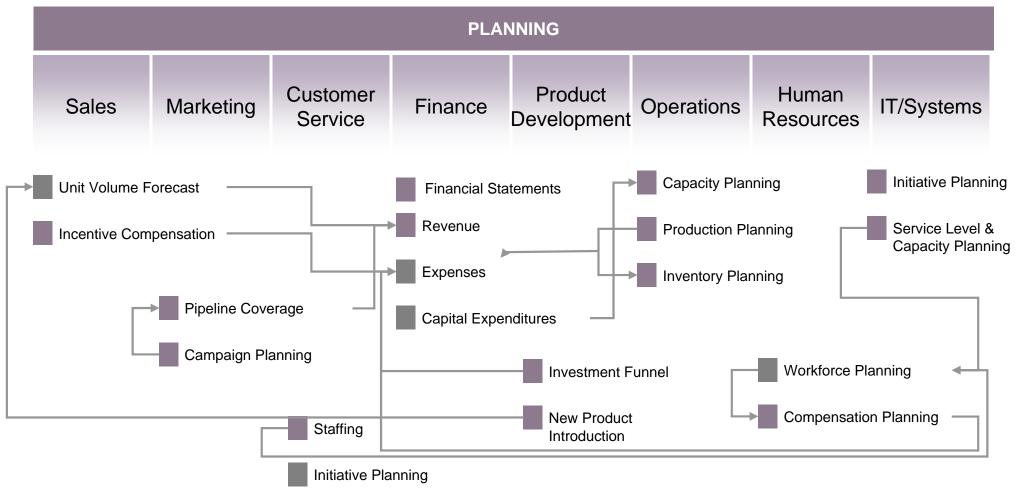
**Plans** 

Staffing

Initiative Planning



# Enterprise Planning Proven Leadership







## IAP Worldwide – Emergency Support Services



- After 6 weeks, budgets completed
- IPA recently completed monthl 3-year plan in <5 weeks</li>
- Project managers drill into revenues, EBITDA as % of sale expenses, DSOs, days costs in payables
- Executives track trends over time, monitor aging statistics.

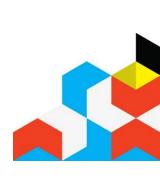




- Hyperion Enterprise for budgeting, forecasting lacked flexibility for quick collection/consolidation of financial data for this project-based business
- Lacked data integration needed for complex, dynamic info to manage project-based business

- Rapid response times on large data sets, for large nos. of users
- Accurate project tracking for future business opps
- Ability to create real-time, Web-based worksheets, customer dashboards





## Blue Mountain



- ROI: 1822% within one month
- Reduced labor costs by \$2.5 million/year
- Fast adjustments to inventories year-to-year







- Data across 13 units from a multiplicity of systems
- Difficult maintenance for thinly stretched IT Staff

- Faster, more simplified budgeting process
- Greater access to daily reports that directly affect profitability
- Analytics to identify proper staffing levels and success of marketing campaigns
- Improved inventory management





## Kansas City Southern – US/Mexico railroad





- Quarterly month-end closing reduced from 30 to 5 days
- DSO down to 30 from 70 days -- \$100 million cash in hand
- Demand for more TM1 licenses from Operations, others
- Reduction in external auditor's fees







#### **Performance Pain**

- Lacked timely, accurate internal reporting
- Complexity in merging Mexican subsidiary
- Employees overburdened with manual work leading to "leakage" mindset

- Visibility into detailed operating results, capital expenses
- Improved cash flow for reinvestments, increased revenues
- Recent award winner for best practices in dynamic business processes
- Reduction in Finance employee attrition



### Denver Water



"Now, engineers have direct access to Cognos TM1 and can move dollars as project schedules change. On a daily basis, an Engineer can adjust the timing of the dollars and Finance can get a realtime forecast at any time."



#### **Performance Pain**

- Each division executed individual process
- Planning did not align with long-range plans; frustrating for the Board
- Requests to IT for standing reports could take months
- Lack of tools to share information created cash-flow confusion

- Engineering project updates visible to Finance immediately
- Real-time updates to projects for improved cash flow management
- Align long-range and annual planning processes aligned
- 8 weeks to Phase I roll-out





## Thresher Group, Specialty Drinks Retailer





"This is a powerful business asset and its implementation has saved Thresher Group man-power and as a result, revenue."



#### **Performance Pain**

- Budgeting, forecasting as well as inventory on cumbersome spreadsheets
- Planning not integrated across business units
- Limited reporting

- Real-time insight into sales in 100s of stores, enabling trend spotting against business environment as key to forward-looking business strategy
- Pre-emptive action against suppliers' orders
- Swift, integrated planning, budgeting, forecasting, reporting
- Reporting by any needed variables: product, store, weekly fluctuations



#### **IBM Cognos Performance** IMPACT: Timely, reliable forecasts & plans that align operational tactics with financial targets. Better, confident resource allocation decision-making. IT FP & A **Increased support** compliance-driven **PLANNING Finance initiatives** Customer Human كاتالىد Operations Marketing Sales Finance IT/Systems Development Resources Service Capacity Planning Initiative Planning Timely, Reliable Unit Vol **Financial Statements Forecasts** Revenue Service Level & **Production Planning** Incentive compensation Capacity Planning Expenses **Inventory Planning Improved data** governance with **Top-Down** replacement of & Bottom-Up spreadsheet ONLY Workforce Planning vestment Funnel **Alignment** based systems in **Finance**

Staffing

Initiative Planning

New Product

Introduction

Compensation Planning

**Connected** 

Planning Models



# Enterprise Planning Plan Understand and Optimize

Plan, Understand and Optimize Performance

# Sales Marketing Customer Service Finance Product Development Operations Human Resources IT/Systems







## **Enterprise Planning and Analysis**

#### **FROM**

- Limited reach, low speed
- Financial only focus
- Static, long horizons
- Inconsistent data definition

#### TO

- High participation, high frequency
- Driver-based, connected across finance and ops
- Rolling, Dynamic horizon
- Consistent data definitions

Owned by Finance, to IT Standards



# Agenda

- Finance & IT Challenges
- IBM Cognos Performance Management Platform
- Enterprise Planning Solutions
- Performance Management Journey
- Demo
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- Summary





## IBM Cognos TM1

- A patented 64-bit read-write in-memory OLAP engine that provides compact data storage and exceptionally fast performance
- Model design and data access that presents business information in familiar formats
- Ease of use, thanks to a development environment that enables users to create sophisticated applications with no need for programming or traditional IT skills
- An intuitive, flexible approach, which enables users to easily express complex, multi-dimensional business rules
- Fuses Analysis & Planning together to provide greater accuracy
- A component of Cognos 8 Performance
   Management Platform



IBM Cognos 8 Controller

#### →IBM Cognos TM1

- Cognos 8 Business Intelligence
- Cognos 8 Business Viewpoint
- Performance Blueprints





AUTOMATION

## PERFORMANCE MANAGEMENT JOURNEY

1 ADDRESS 2 DRIVE Best Practices 3 EXTEND Enterprise-Wide Performance Management

----- TRANSFORMATION -----

## **Embrace and Extend Your Existing Infrastructure**







## Automating the Planning Process

AUTOMATION ------ TRANSFORMATION ------



**Embrace and Extend Your Existing Infrastructure** 

## **Analyze**

## Model

## Contribution









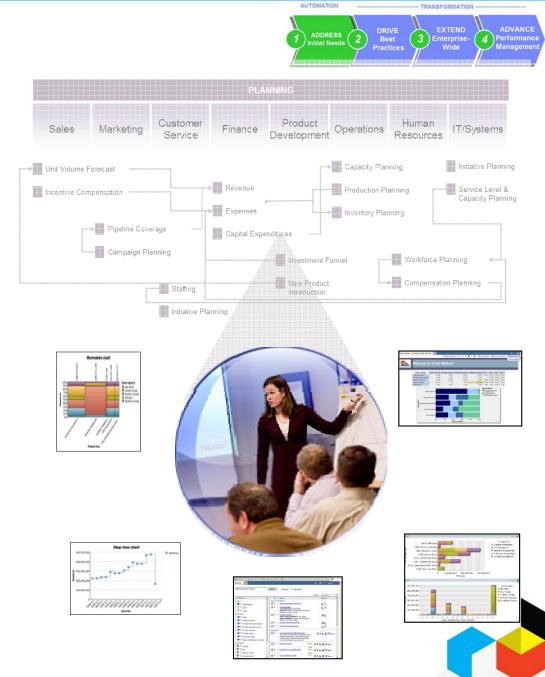
## Analyze

## **Capabilities:**

- Explore Performance Gaps
- Validate Corporate Drivers
- Define "What If" Scenarios
  - Organizational, Product Family, Product/Channel Mix
- Validate Planning Assumptions

#### **Benefits:**

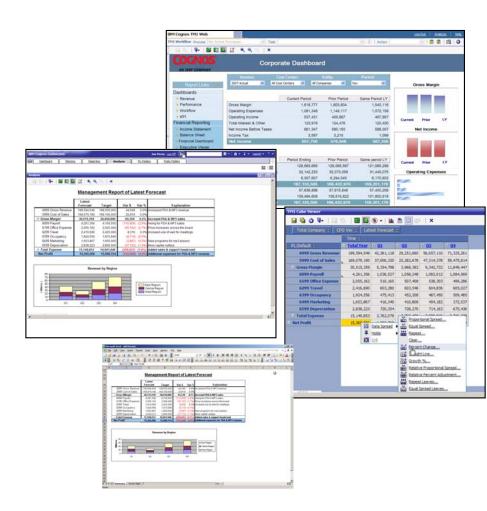
- Ability to meet the dynamic needs of the organization....
- Provide a fact based approach planning processes



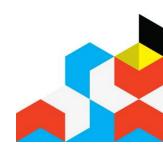


## IBM Cognos TM1 Analysis

- A patented 64-bit read-write in-memory OLAP engine:
  - Optimized for large data volumes
  - Instantaneous updates from streamed data
  - Drill through to transaction systems for greater detailed analysis
- Supports multi-dimensional analysis
- Advanced Sorting and Ranking
- Public and Personal Views
- Familiar Excel & Web interfaces

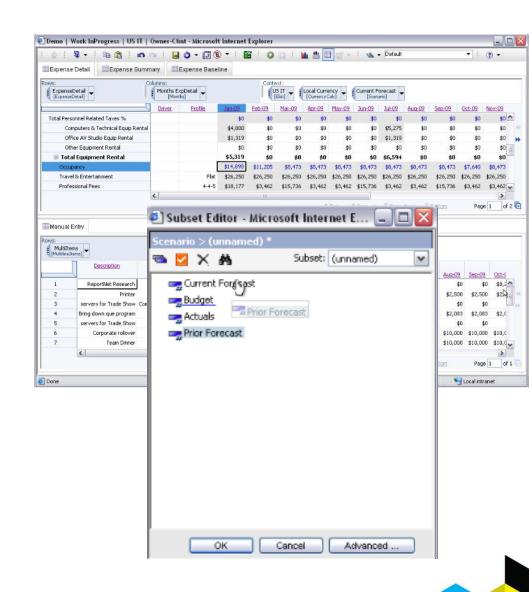






## Personalized Hierarchies

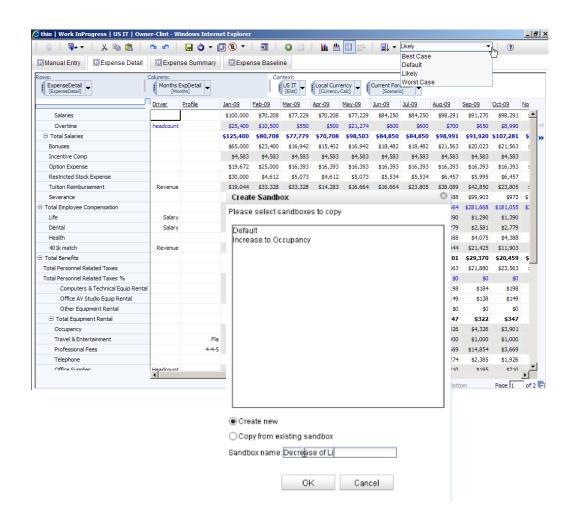
- Create customized consolidations
- Advanced filtering:
  - Hierarchical level
  - Spelling pattern
  - Attribute value
  - Element name
  - Expression
- Alias support





## **Personal Scenarios**

- No predetermined model requirements for scenarios
- Unlimited flexibility for end user scenario building
- Available in all TM1 clients (Excel, TM1 Web, Contributor, & Cognos 8 BI)







# **Model**Capabilities:

- Centralized meta-data, data and business rule definitions
- Certified connectors to SAP BW & R3
- Owned by Office of Finance
- Support of Planning Best Practices
  - Driver based Planning
  - Rolling Forecasts

#### **Benefits:**

- Ability to meet the dynamic needs of the organization
- Flexible to meet the broad requirements of financial & operational planning solutions
- Adapts to your business process
- Single version of the truth for all planning processes



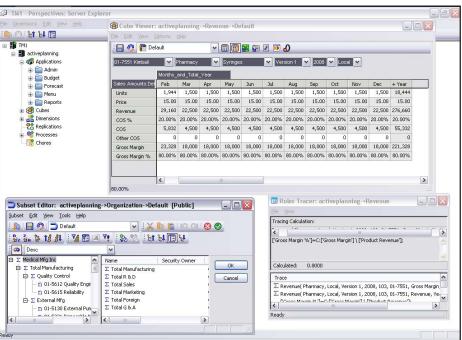




## IBM Cognos TM1 Modeling

- Expression based modeling environment to define planning and analysis assumptions
- Can seamlessly integrate with Contributor for new planning and analysis applications
- On demand interactive simulation to test business scenarios
- Provides real time responsiveness for large and sophisticated models
- An extension of the analysis process
- Owned by finance/business user







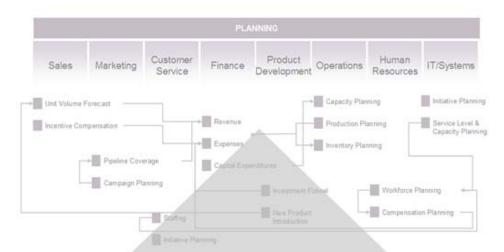


## IBM Cognos 8 Business Viewpoint

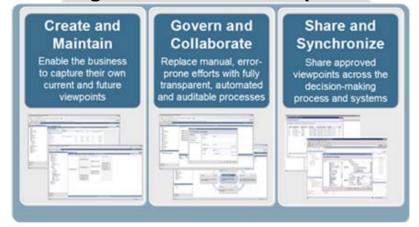


Extend Enterprise Planning Solution Modeling capabilities:

- Create and Maintain meta-data across you organization
- Govern and Contribution on planning definitions
- Share and Synchronize planning meta-data definitions



#### **Cognos 8 Business Viewpoint**







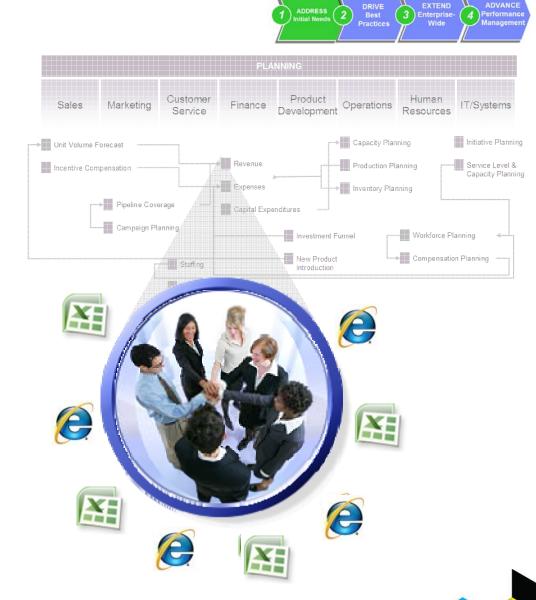
## **Contribution**

#### **Capabilities:**

- Familiar Web & Excel Deployment
- Rich Workflow
- Application linkage
- Start small and expand enterprise wide
- A component of Cognos 8 Performance
   Platform

#### **Benefits:**

- Timeframe-appropriate Plans
- High Participation & Data Volumes
- A Wider / Deeper View
- Increased accuracy



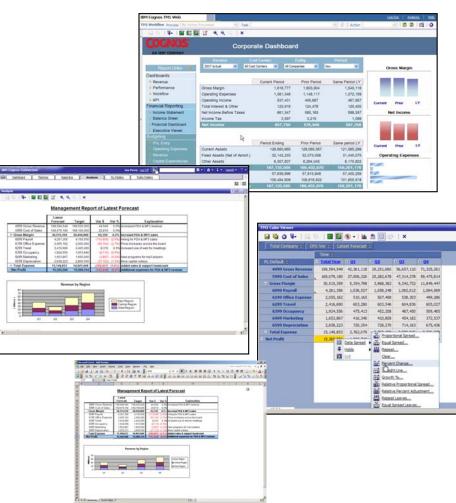


## IBM Cognos TM1 Contribution

### **Enterprise Ready Excel Based Contribution**

- TM1 Server Explorer for power users to maintain dimensions, cubes, rules, and integration
- TM1 Excel to create rich planning and analysis solutions
- TM1 Web to deploy TM1 based Excel applications across the organization
- IBM Cognos 8 Business Intelligence for enterprise level analysis, scorecarding and financial & production reporting.







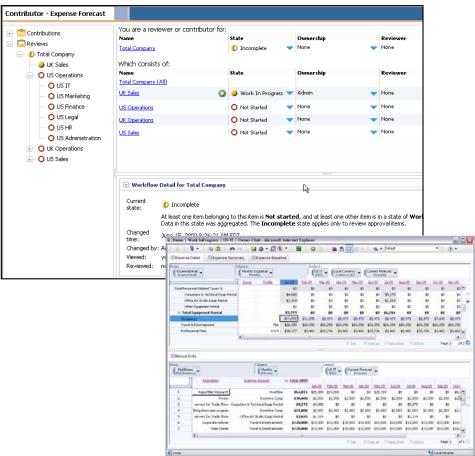


## IBM Cognos TM1 Contribution

## **Managed Contribution**

- Workflow & email notification
- Pick lists (driver execution)
- Undo/Redo feature
- End User Personalization (Multipane docking)
- Personalized Scenarios
- Personalized Hierarchies)
- Color code data changes
- Charting
- Drill down Support





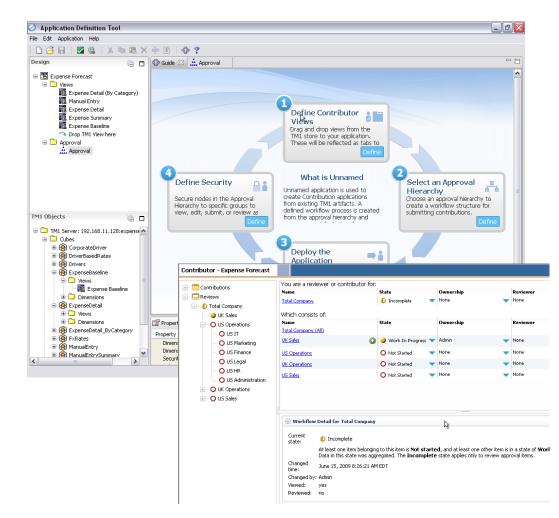




## Managed Contribution

- Deployment of TM1 Model Objects
  - Quickly Turn TM1 Objects into **Managed Applications**
- Planning Workflow
  - Structured Planning Process **Approvals**









# DRIVE BEST PRACTICES

AUTOMATION TRANSFORMATION

ADDRESS DRIVE Best Practices

Practices

TRANSFORMATION

ADVANCE Performance Management

**Embrace and Extend Your Existing Infrastructure** 

### **Support Best Practices**

- DRIVER BASED PLANNING
- ROLLING FORECASTS
- TIMEFRAME-APPROPRIATE PLANS
- HIGH PARTICIPATION & DATA VOLUMES
- A WIDER / DEEPER VIEW

### **Cognos Innovation Center**



### **Performance Blueprints**





# **BEST-PRACTICE** THOUGHT LEADERSHIP

AUTOMATION

------ TRANSFORMATION ------



### **Embrace and Extend Your Existing Infrastructure**

### RESEARCH, CASE STUDIES, ARTICLES



David Axson President. The Sonax Group



Jeremy Hope, **BBRT** 



Bryan Hall The Hackett Group

ELEVEN



Steve Lukens Global Leader, Financia Management, IBM

### ASSETS, RESOURCES, EVENTS

MEMBERS AND PEER NETWORK / COMMUNITY

Innovation Roundtables Member Communities

**Best Practices** Performance Blueprints







COGNOS INNOVATION CENTER

for Performance Management™

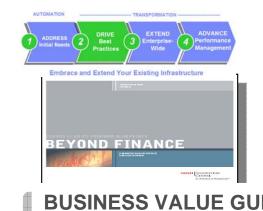


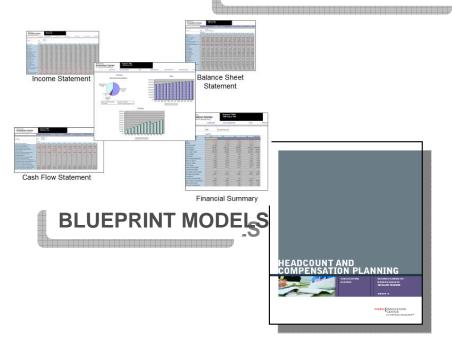




# Performance Blueprints

- What they are:
  - Pre-defined data, process and policy model
    - Developed by Cognos Innovation Center
    - ...In conjunction with leading customers
  - Enables best practices
    - Driver-based
    - High Participation
    - High Frequency
  - Enables rapid time-to-value
    - Reduced project implementation time and risk









## Enterprise Planning Performance Blueprints

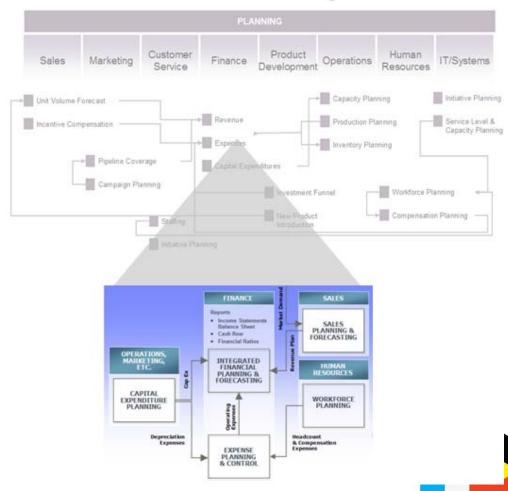




Embrace and Extend Your Existing Infrastructure

# IBM Cognos Innovation Center

for Performance Management





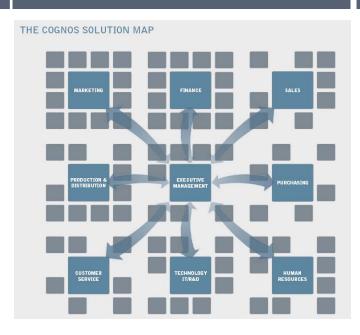
## EXTEND Enterprise - Wide

### **Embrace and Extend Your Existing Infrastructure**

### **Model the Whole Business**

- Link operational plans to financial plans
- Increase forecast reliability
- Performance Blueprints accelerate implementations

### **Cognos Solution Map**



# Industry Performance Blueprints

Public Sector

Manufacturing

Life Sciences



# Extend Enterprise Wide Continued Investment in Industry Blueprints

### Manufacturing

- Trade Promotion Management
- S&OP Executive Review
- Sales & Operations Planning
- Transportation and Logistics Performance

#### **Public Sector**

- Program Objective Memorandum (POM)
- Grant Thornton & Cognos Federal Budget Planning
   & Performance Framework Business Partner
- BearingPoint POM Budget Planning Business Partner
- Higher Ed Performance
- Mayor's Scorecard

### Retail

- Store Operations
- Store Development
- Promotion Planning
- Merchandising Performance Management
- Retail Financial Workbench

### **Pharmaceuticals & Life Sciences**

- Clinical Trial Planning
- Samples Optimization (Joint w/ TM1)
- Clinical Trial Enrollment Forecasting
- Sales Quota Allocations

### **Banking & Financial Services**

- Retail Branch Performance
- Retail Banking Customer Segment Performance
- Corporate Banking Customer Segment Performance
- Insurance Product Profitability
- Cognos & IBM Risk Adjusted Profitability for Banking – Business Partner BP
- Loan Pricing



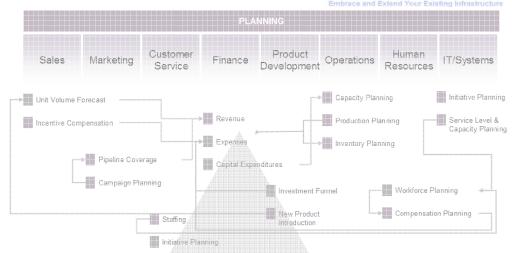


## ADVANCE PERFORMANCE MANAGEMENT

# ADDRESS DRIVE Best Practices Wide ADVANCE Management

### World Class:

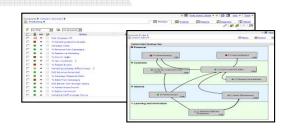
- Financial & Management Reporting
- Consolidation
- Information Management
- Analysis
- Dashboards
- Scorecards
- Event Management



IBM Cognos 8 Performance Platform









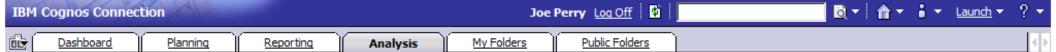


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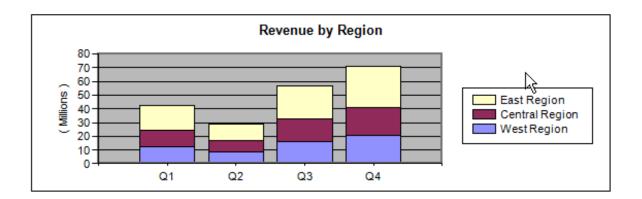


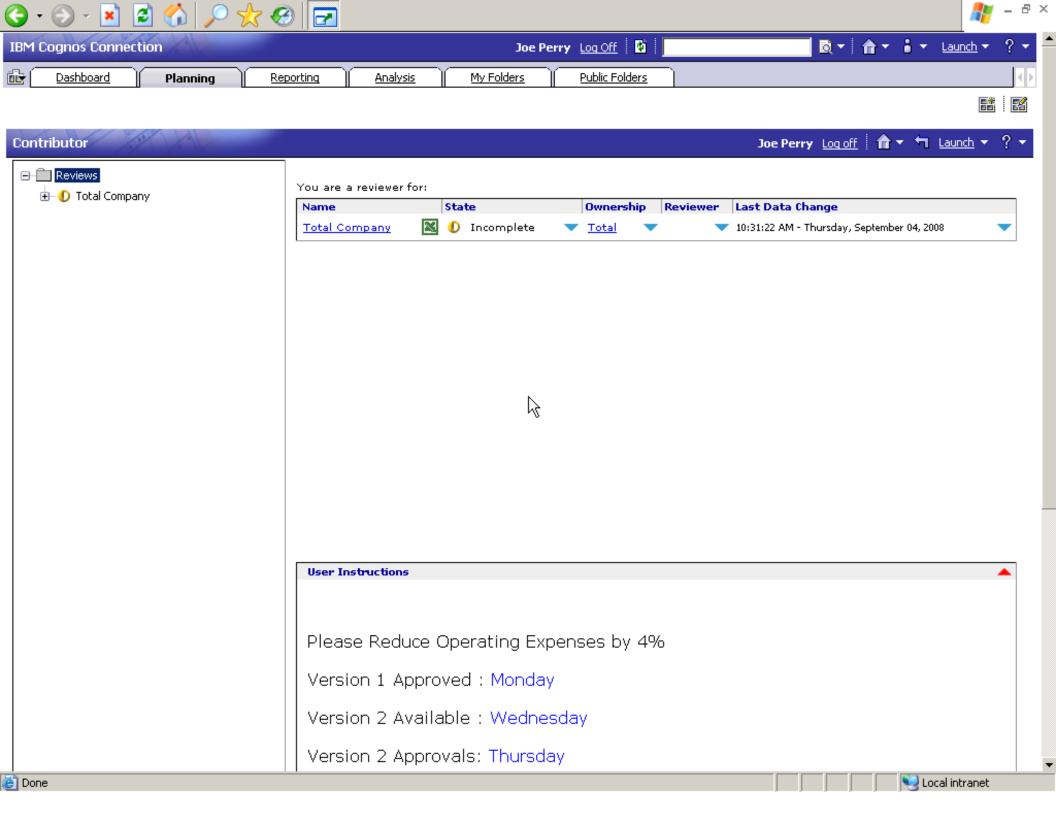




### Management Report of Latest Forecast

	Latest Forecast	Target	Var \$	Var %	Explanation
■ Net Profit	15,365,506	15,508,154	(142,648)	(0.9%)	Additional expenses for PDA & MP3 revenue
<b>⊞</b> Gross Margin	30,515,359	30,450,000	65,359	0.2%	Increaed PDA & MP3 sales
<b>■ Total Expense</b>	15,149,853	14,941,846	(208,007)	(1.4%)	Added sales & support headcount









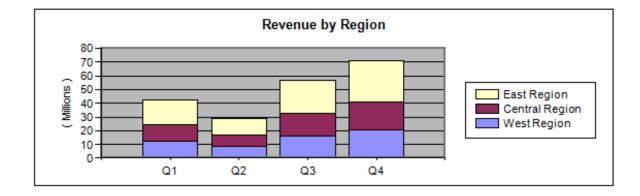
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### TM1 Websheet Viewer



### **Management Report of Latest Forecast**

	Latest Forecast	Target	Var \$	Var %	Explanation
4999 Gross Revenue	200,407,155	199,550,000	857,155	0.4%	Increased PDA & MP3 revenue
5999 Cost of Sales	169,079,190	169,100,000	20,810	0.0%	
□ Gross Margin	31,327,964	30,450,000	877,964	2.8%	Increaed PDA & MP3 sales
6099 Payroll	4,261,356	4,150,500	(110,856)	(2.6%)	Hiring for PDA & MP3 sales
6199 Office Expense	2,063,529	2,000,000	(63,529)	(3.1%)	Price increases across the board
6299 Travel	2,426,529	2,425,000	(1,529)	(0.1%)	Increaed use of web for meetings
6399 Occupancy	1,932,392	1,915,846	(16,546)	(0.9%)	
6499 Marketing	1,660,600	1,650,000	(10,600)	(0.6%)	New programs for mp3 players
6599 Depreciation	2,849,778	2,800,500	(49,278)	(1.7%)	More capital outlays
☐ Total Expense	15,194,183	14,941,846	(252,337)	(1.7%)	Added sales & support headcount
■ Net Profit	16,133,781	15,508,154	625,627	3.9%	CFO adjustments based on sr. mgmt meetings





Dr. Chris Ilacqua cilacqua @us.ibm.com





## IBM Cognos 8 v4 On Business Terms. To Your Standards.



**©** On business terms **©** To Finance standards



**©** To IT standards

COGNOS 8 v

Informed Engaged Aligned



**Finance** 

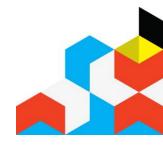
Empowers business users without compromising IT's high standards for conformance, compliance and cost effective scalability, while driving Performance Management process excellence and better business outcomes for the organization.



## **Continue Your Learning**

- www.ibm.com/cognos/customercenter
  - The Cognos Customer Center is the single place to go for easy access to valuable IBM Cognos resources
- IBM Cognos Proven Practices
  - Source of tried, tested, and proven technical information to help you succeed with IBM Cognos products in your specific environment
- IBM Cognos Training Paths
  - View training recommended by role to determine which courses will help you increase your IBM Cognos skills
- www.ibm.com/cognos/training
  - Visit the IBM Cognos Education web pages to understand all of the ways that training can support the success of your solution
- www.ibm.com/cognos/consulting
  - Engage a consultant to help you achieve successful implementation and deployment of your software solution







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