

# OFA: Next Generation

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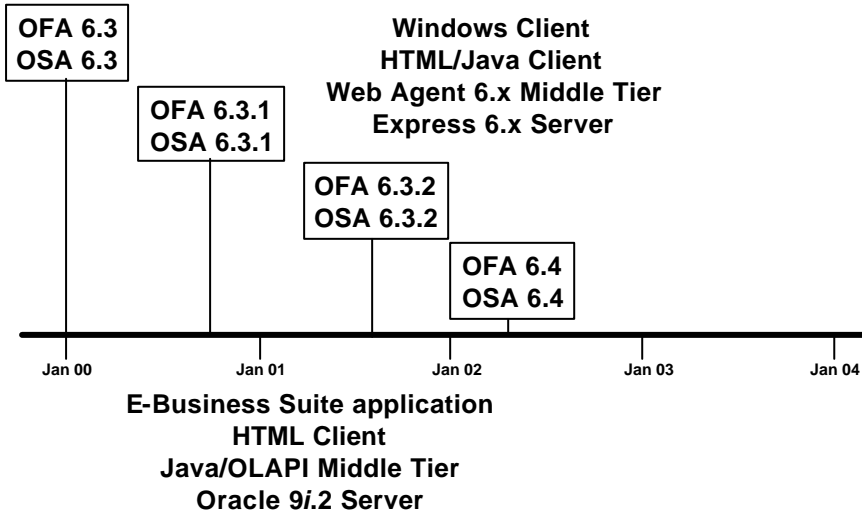
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## Agenda

- OFA 6.4 and Express Server update
- Corporate performance management
- Oracle Enterprise Planning & Budgeting (EPB)
- Functionality
- Architecture
- Migration from OFA to EPB

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# Major Product Releases



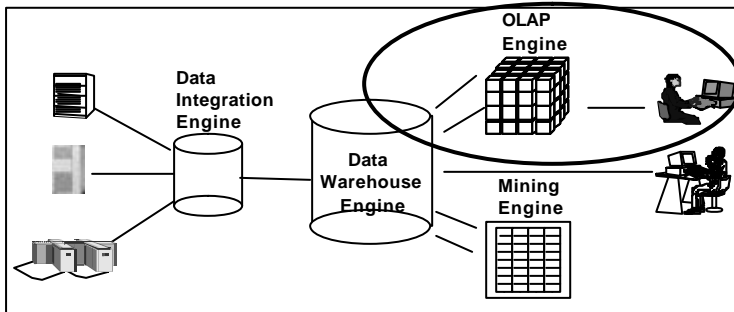
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## OFA & OSA 6.4: May 2002

- Web export to HTML and Excel with formatting
- Fit to page on web printing
- Row & column level formatting on web
- Selector enhancements on web
- Ranking & exception reporting against both numeric and non-numeric data
- Spreadsheet Add-In
  - Preserve inserted rows and columns in queries
  - Tighter security and lock out read write access
- Supported until at least the end of 2006

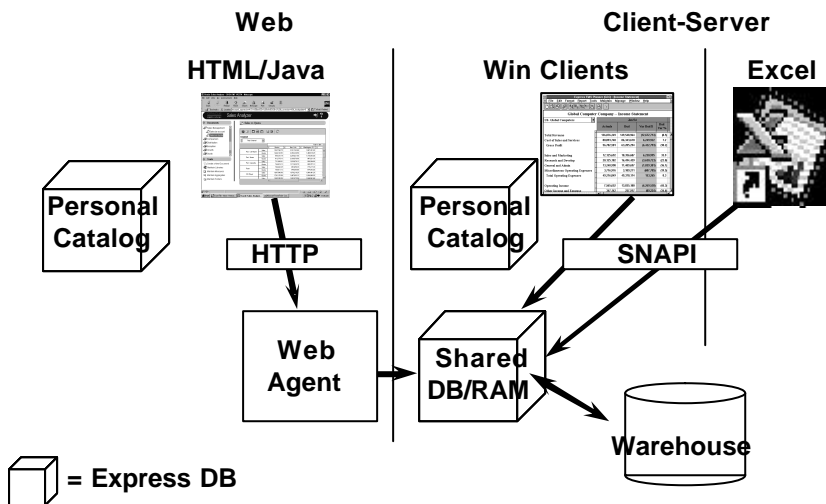
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# Traditional Analytic Servers



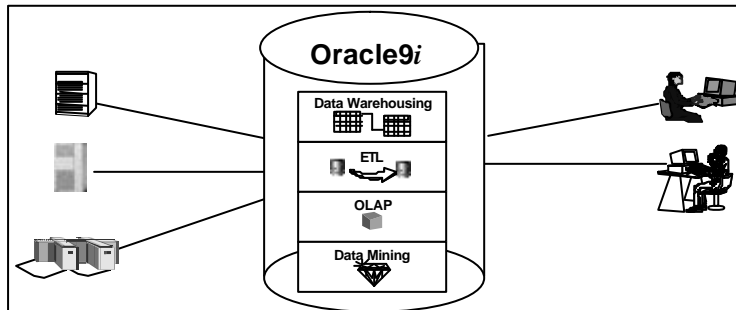
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# Current Analytic App Architecture



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# Oracle9i Analytic Platform



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## Where Is Express? Dead?

- NO The calculation engine is alive and well
  - The Express multidimensional engine has been integrated into the Oracle database kernel (i.e. it does not run as a separate process) without any loss of functionality
- NO The data is alive and well
  - Multidimensional data is stored in the 9i database along with relational data
- NO Calculations and data both have open access
  - Interface to multidimensional data and calculations through SQL

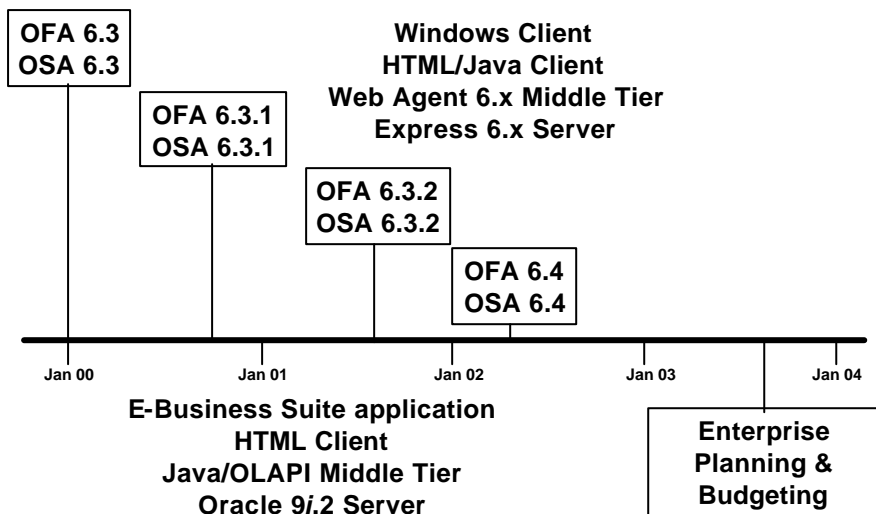
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# Why Integrate Express Into 9i?

- Simpler to manage
  - Single data store
  - Single metadata repository
  - Single security model
  - Single set of management tools (Oracle Enterprise Manager)
- More reliable
  - Unbreakable OLAP: as part of the kernel, OLAP automatically benefits from Real Application Clusters and Data Guard
- High Performance
  - Dynamic modeling and calculations
- Open
  - Multidimensional data and calculations made accessible to a large number of SQL-based tools

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# Major Product Releases



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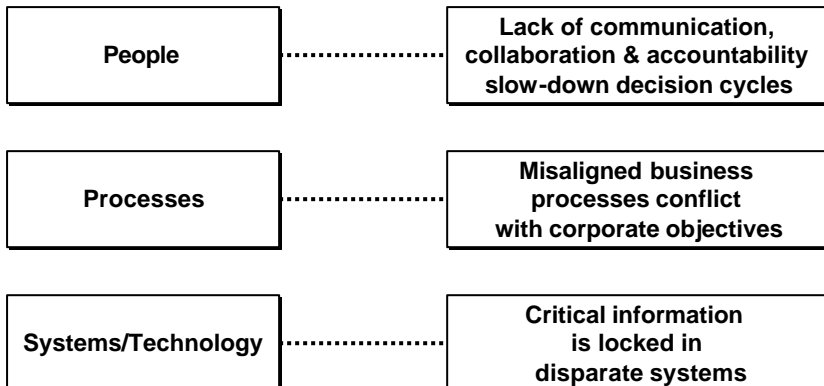
# Corporate Performance Management

**“Where strategy and planning meet execution and measurement.”**

- John Hagerty, AMR Research

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## Misalignments Impede Company Performance



- John Hagerty, AMR Research

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## Consequences

- Assumptions vary by department
- Budget disconnected from strategic plan
- Each plan takes too long to build
- Business frustrated with finance department
- Finance department frustrated with business
- Company reacts sluggishly

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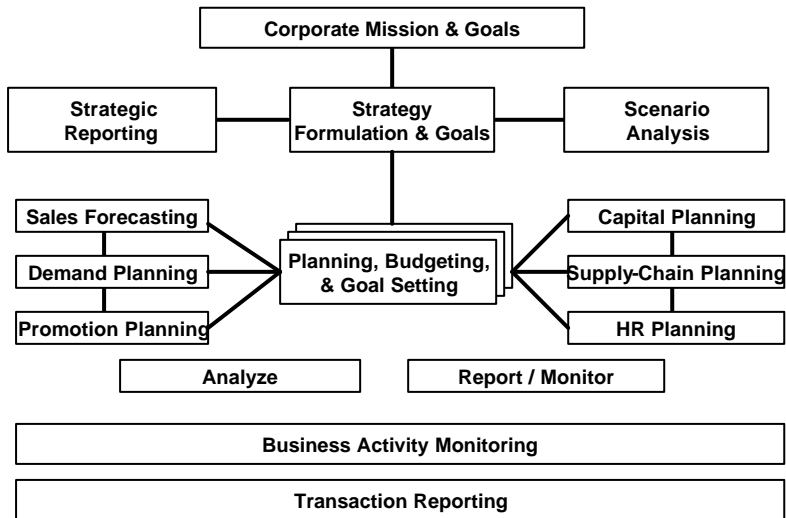
## Recommendation

*Align People, Processes, Technology*

- Communication
- Collaboration
- Control

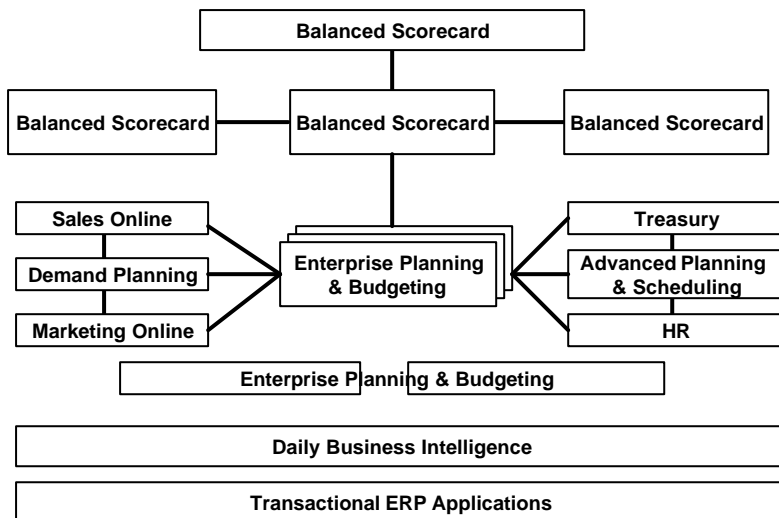
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# Business Flow



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# Oracle e-Business Suite



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# Enterprise Planning & Budgeting

- Key benefits
  - Facilitates communication and collaboration around the organization
  - Integrates the planning, budgeting, forecasting, monitoring business processes
  - Pulls and aligns the data from all the business sources

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# Communication & Collaboration

- Exception alerts and notifications
- Explanations
- Responsibility hierarchy
- Shared business rules and assumptions

Bridget Jones, Category Manager

## Notifications

Notification	Status	Sender	Priority	Due Date	Action Required
<a href="#">Product GP Var +/- 5%</a>	Pending	Business Group	High	24-Jan-03	Submit Explanation
<a href="#">Actuals Loaded</a>	Complete	Workflow	High	20-Jan-03	None

Refresh

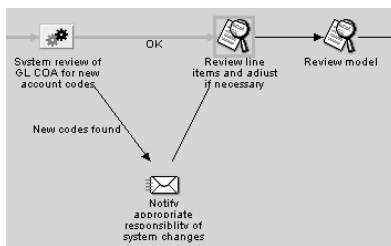
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# Communication & Collaboration

- Monitoring and reporting
- Flexible reporting
- Slice and dice
- Drilldown to underlying data
- Automated publishing and distribution
- Business calculations
- Annotate and explain data
- Share analyses among users

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# Business Process Integration



- Planning & analysis cycles
  - Calendar
  - Data model
  - Solve
  - Process
- Sub-cycles
- Validation of submissions
- Approval process
- Multiple scenarios
- Automation

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## Data Alignment

- Data from any source
- Part of the e-Business Suite
- Integrated to other Oracle Applications
  - Performance Analyzer, ABM, FDM
  - GL, HR, Projects, Process manufacturing
- Planning changes mapped back
- No need to redefine hierarchies
- Automatic drilldown

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## EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security

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# EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security
- Documents
  - View
  - Layout and linking
  - Selections
  - Calculations
  - Formatting
  - Annotation
- Access
  - EPB
  - Notifications
  - Portal
  - Excel

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# EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security
- Available universe
  - Logical data model
  - Dimensions
  - Hierarchies
  - Levels
  - Attributes
- Cycles
  - Calendar
  - Data model
  - Solve definition
  - Process
- Status
  - View and control instances

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# EPB Functionality

- Reporting and analysis
- Framework
  - Available universe
  - Cycles
  - Status
- Data entry
- Users and security
- Calendar
  - Scope of data along Time, frequency of process, versions
- Data model
  - Dimensions, hierarchies, attributes, levels
- Solve definition
  - Input and output levels, calculations, allocation rules
- Process
  - Link tasks to describe your business process

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# EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security
- Available universe
  - Logical data model
  - Dimensions
  - Hierarchies
  - Levels
  - Attributes
- Cycles
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  - Process
- Status
  - View and control instances

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# Quarterly Rolling Forecast

## *Example*

- Set up Forecast cycle
  - Look out 18 months
  - Repeat every quarter
  - Use whatever Actuals I already have
  - Base model is same as annual plan
  - Collect the driver information
  - Run exception checks
  - Iterate and then submit
  - Consolidate forecast and review

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# Budget Devolved Down Business

## *Example*

- Set up Budget cycle
  - Look out to end of next fiscal year
  - Use last quarterly rolling forecast as base
  - Collect corporate assumptions and targets
  - Business builds up budget based on headcount
  - Keep business owners within guidelines
  - Flex model and assumptions
  - Trickle changes in assumptions back down
  - Analyze effect of changes

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# EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security
- Data
  - Typing
  - Upload
  - Excel
  - Copy and paste
- Models
  - Calculations
  - Spread, grow, copy
  - Aggregation
  - Assumptions
- Validation
  - Constraints, guidelines
  - Authorization

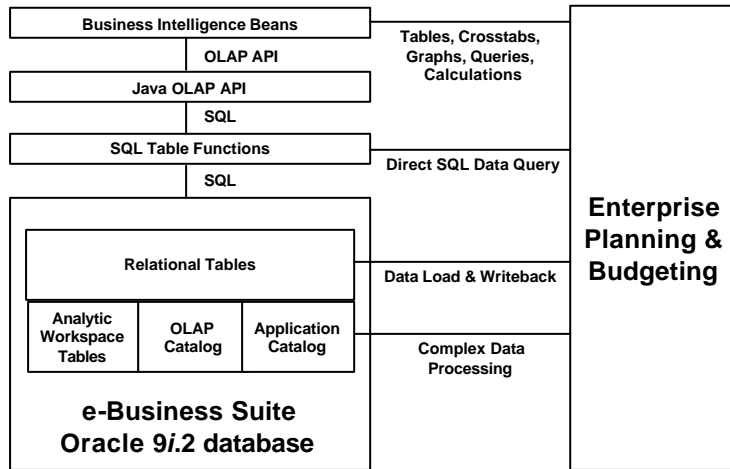
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# EPB Functionality

- Reporting and analysis
- Framework
- Data entry
- Users and security
- Users
  - Analyst
  - Controller
  - Manager
- Data security
  - Data ownership
  - Read access
  - Write access
- Object security
  - Documents
  - Selections
  - Calculations

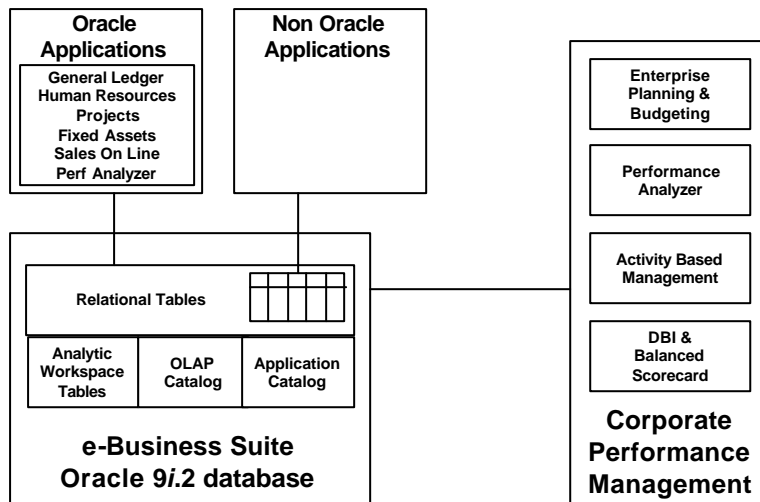
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# New Analytic App Architecture



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# New Architecture: Data



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# Training

	Sales	Partners & Consulting	Support	End users	Apps DBA
User: Analyst		✓	✓	✓	
User: Controller		✓	✓	✓	
User: Manager		✓	✓	✓	
Sales	✓	✓			
Installation & implementation		✓	✓		✓
Technical & diagnostics			✓		

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# Migration From OFA

- Functionality
- Licenses
- Tools

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# What Happens In Migration?

Existing Apps	Next Generation Apps
Dimensions, attributes hierarchies, levels, data	Moved to 9i database
Reports and graphs	Queries ? new Query Builder Bean syntax Layout ? moved to BI Beans Catalog Formatting ? unlikely to be preserved
Models, custom aggs, custom measures, FDIs	Converted to use new Calculation templates
Data loaders	Direct pull from Apps or OWB Builder
Data entry	Converted to report, enabled for data entry
User scoping	Scoping retained, no need for unique OS IDs

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## Custom Code – Areas to Consider

- Data loaders
  - MOLAP - rewrite using SQL Data Loader or OWB
  - ROLAP - work already done - can be used 'as is'
- Data entry (validation, custom spread, custom solve)
  - no longer necessary – supported in EPB
- Data processing (allocation, dynamic aggregation)
  - no longer necessary – supported in EPB
- Task automation
  - no longer necessary – use Workflow
- Reporting view formula
  - no longer necessary – supported in EPB

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# Oracle Supports CPM

- Connecting people and communicating what is important
- Allowing companies to align their business processes and manage them strategically
- Enabling strategy, planning, execution, and measurement to meet within a single environment

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QUESTIONS  
ANSWERS

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