

Work with InterSystems.  
Not separate systems.



### The Future of DeepSee

Embedded, Real-time Business Intelligence

INTERSYSTEMS


### DeepSee II Design Goals




- Easy to operate
- Easy to use
- Light-weight client
  - Web-based, with no thick client components
  - Ready for the “post-Microsoft” Desktop

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### DeepSee Strategic Developments



- Improved DeepSee data models
- Improved performance and scalability
- Tighter integration with Ensemble & Caché
- Graphical Report Builder
- Ease of Use



### DeepSee II Highlights



- Simplify design and management of data models
- Separate definition of operational and BI data models
- Support for MDX query language

Existing Class Definition


Model

DeepSee Model Class


DeepSee Model Class

DeepSee Model Class

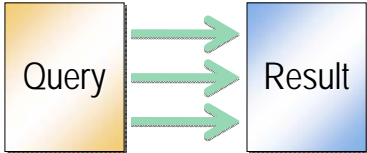
Improved DeepSee data models



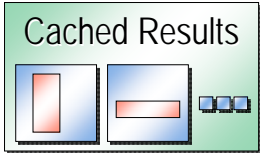
### DeepSee II Highlights




- Parallel query execution




- Multi-level caching



Improved performance and scalability




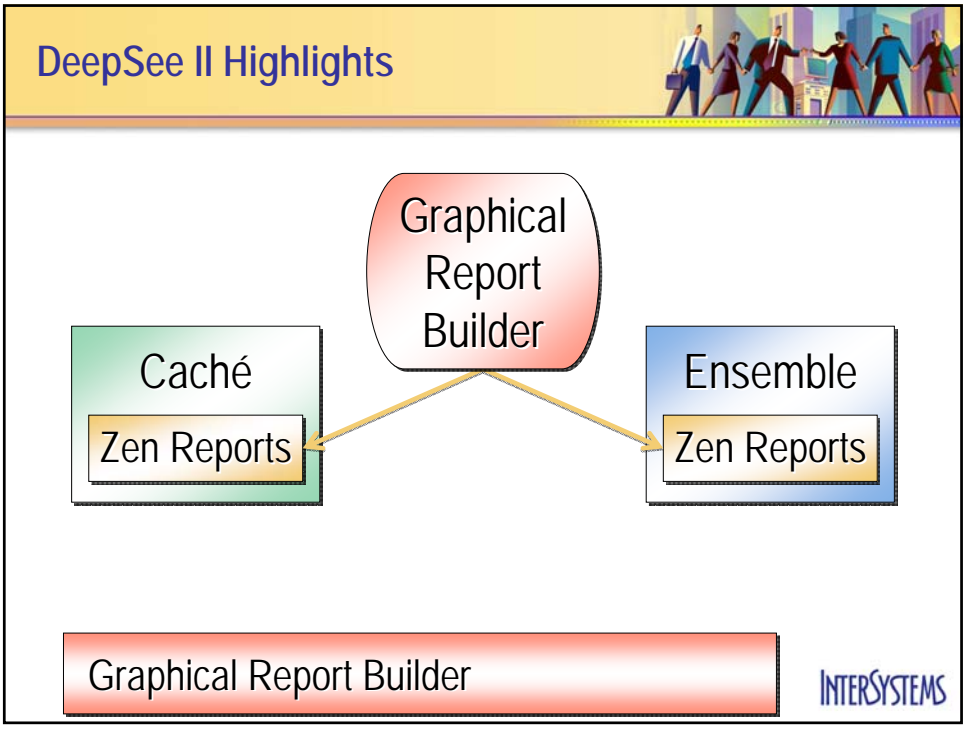
### DeepSee II Highlights



- Zen-based pivot tables, dashboards, and charts
- Caché native bit map and bit slice indices
- More powerful data connectivity options via Ensemble

Tighter integration with Ensemble & Caché





### DeepSee II Architect

Dimensions	Name	Data Property	Data Type	Enabled
Customer	CustomerID	CustomerID.Name	Value	<input checked="" type="checkbox"/>
	Freight	ShipPostalCode	Number	<input checked="" type="checkbox"/>
Measures	OrderDate	OrderDate	Measures	<input checked="" type="checkbox"/>
	OrderID	OrderID	Measures	<input checked="" type="checkbox"/>
Office	OrderID	ShipOffice	Value	<input checked="" type="checkbox"/>
	Region	HI	Hierarchy	<input checked="" type="checkbox"/>
Shipper	Region	ShipRegion	Value	<input checked="" type="checkbox"/>
	Country	ShipCountry	Value	<input checked="" type="checkbox"/>
ShipVia	City	ShipCity	Value	<input checked="" type="checkbox"/>
	Population	ShipPopulation	Property	<input checked="" type="checkbox"/>
ShipRegion	Shipper	ShipVia.Name	Value	<input checked="" type="checkbox"/>
	ShipCountry	ShipCountry	Value	<input checked="" type="checkbox"/>
ShipPostalCode	ShipDate	ShipDate	Time	<input checked="" type="checkbox"/>
	ShipRegion	ShipRegion	Value	<input checked="" type="checkbox"/>
ShipVia	ShipDate	ShipDate	Value	<input checked="" type="checkbox"/>
	ShipRegion	ShipRegion	Value	<input checked="" type="checkbox"/>

Simple, drag-and-drop interface

Complex options removed or kept out-of-sight

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## DeepSee II Analyzer

YearClosed	Asia	Europe	N. America	S. America
2006	2,068	1,006	2,424	760
2007	7,361	2,930	6,658	2,055
2008	18,948	7,572	17,390	5,272
2009	3,019	1,170	2,764	815

Simple, drag-and-drop interface  
More interactive (progress indicators and cancel button)

## DeepSee II User Portal

Name	Modified	Type	Keywords
Name of Item	16 Apr 2009	Folder	Customer, Shipper, Date...
Name of Item	12 Apr 2009	Report	Shipper, Office, Customer...
Another Name	5 Apr 2009	Folder	Office, Customer, Shipper...
Another Name	30 Mar 2009	Report	Customer, Shipper, Date...
Name of Item	30 Mar 2009	Dashboard	Shipper, Office, Customer...
Name of Item	23 Mar 2009	Folder	Office, Customer, Shipper...
Another Name	18 Mar 2009	Scorecard	Customer, Shipper, Date...
Name of Item	17 Mar 2009	Report	Shipper, Office, Customer...
Another Name	10 Mar 2009	Dashboard	Customer, Office, Date...
Name of Item	8 Mar 2009	Dashboard	Office, Customer, Shipper...
Another Name	8 Mar 2009	Another Type	Customer, Shipper, Date...
Name of Item	16 Apr 2009	Folder	Shipper, Office, Customer...
Another Name	13 Apr 2009	Report	Customer, Office, Date...
Name of Item	12 Apr 2009	Dashboard	Office, Customer, Shipper...
Another Name	5 Apr 2009	Folder	Customer, Shipper, Date...
Name of Item	1 Apr 2009	Scorecard	Shipper, Office, Customer...
Another Name	30 Mar 2009	Dashboard	Office, Customer, Shipper...
Another Name	23 Mar 2009	Folder	Customer, Shipper, Date...
Name of Item	21 Mar 2009	Report	Shipper, Office, Customer...
Another Name	18 Mar 2009	Scorecard	Customer, Office, Date...
Name of Item	17 Mar 2009	Report	Office, Customer, Shipper...
Another Name	15 Mar 2009	Dashboard	Customer, Shipper, Date...

Report distribution engine  
Better organization of reports for users

## DeepSee II Dashboards

Cleaner personalized dashboards  
 Easier to mix graphics and web content  
 Integration with Ensemble WorkFlow

## DeepSee II Custom Dashboards

Programmatic API allows creation of more sophisticated dashboards

### Summary



- Many opportunities to improve business processes with real-time BI
- DeepSee is unique because of its tight integration with Ensemble and Cache
- DeepSee II with improved UI and data modeling available in 2009

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### InterSystems DeepSee

Embedded, Real-time Business Intelligence

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