



Work with InterSystems.
Not separate systems.



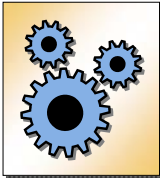
InterSystems DeepSee
Embedded, Real-time Business Intelligence

INTERSYSTEMS

Market Evolution




Run the Business Applications



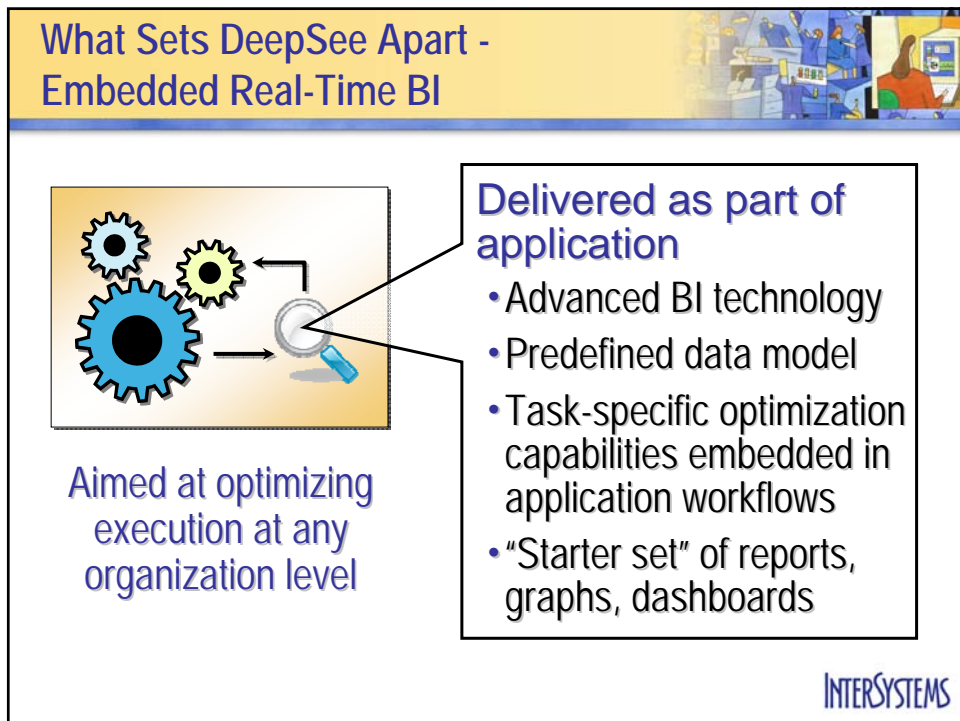
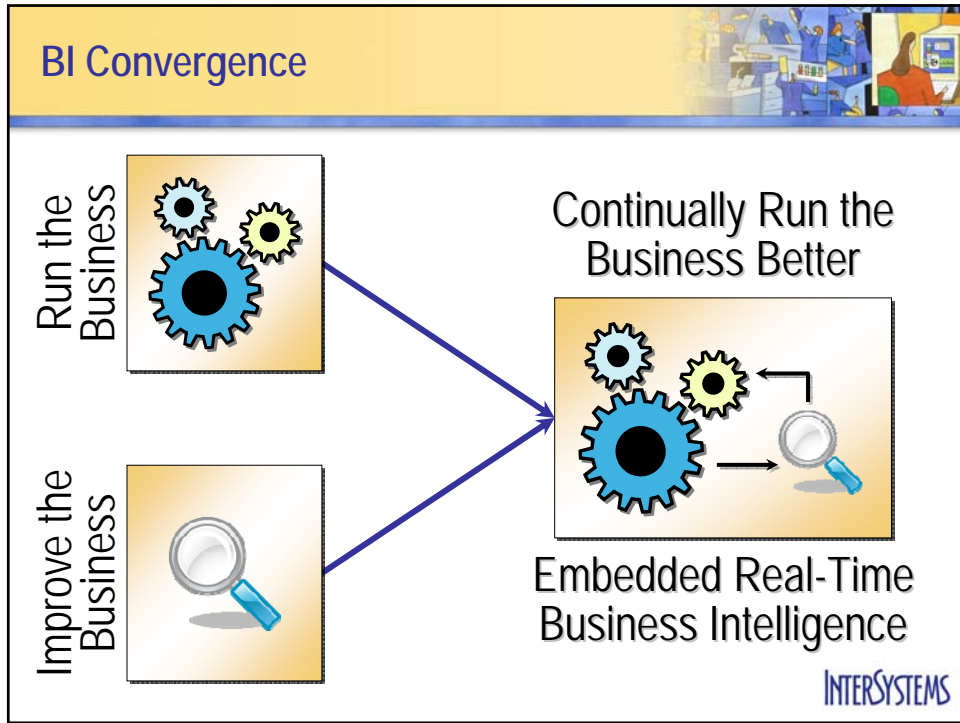
- Automate business processes
- Online, everyone, everywhere
- Declining opportunity

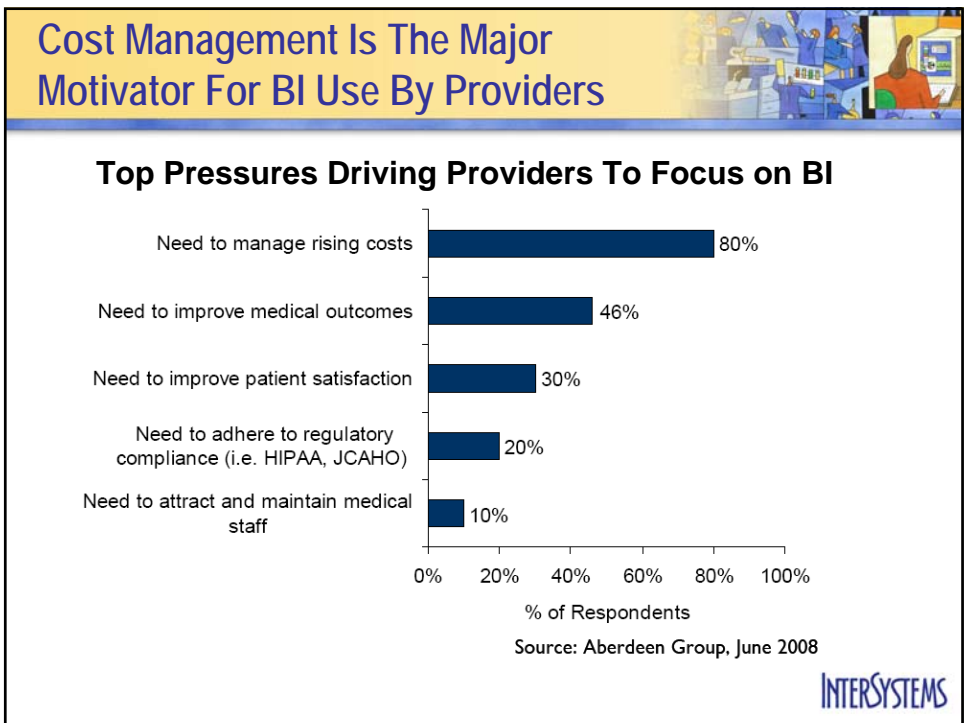
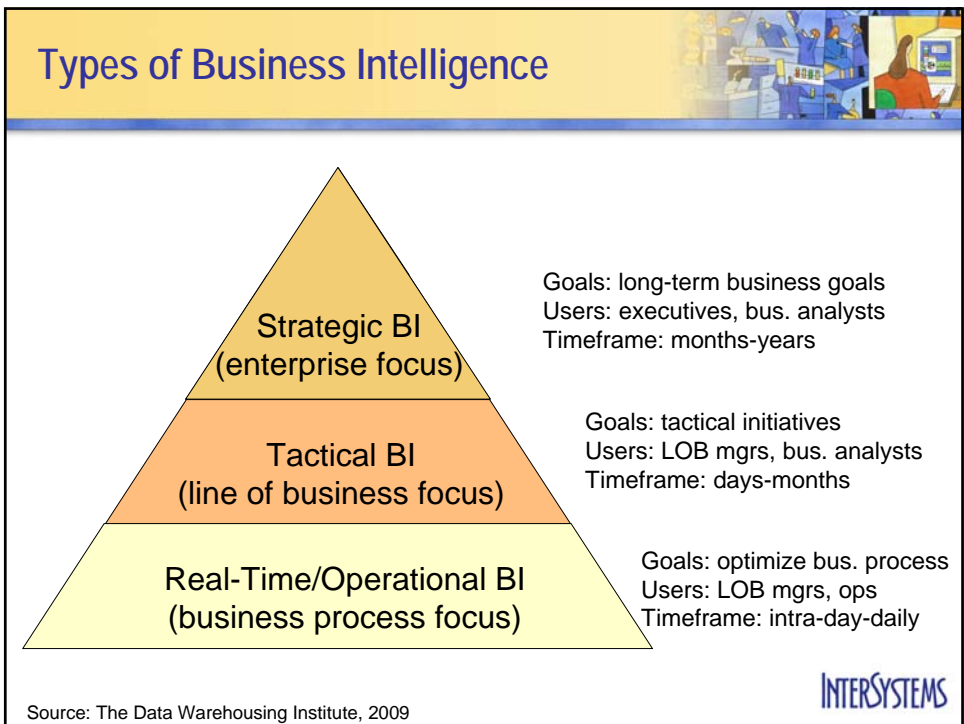
Traditional Business Intelligence




- Optimize key (strategic) decisions
- Offline, few people, separate systems
- Over hyped + under delivered

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Examples Of Real-Time BI In HealthCare



- Analyze billable transactions
- Monitoring and optimizing equipment servicing and quality management
- Supply chain automation: RFID
- Fraud detection
- Web-site analytics
- Marketing campaign analytics
- Physician finders/schedulers
- Alerts (e.g., drug interactions)

What Sets DeepSee Apart? Integrated With Powerful Application Platforms



- High-performance object database - Access to current data needed for operational decision making
- Data modeling with architect
- Ensemble and Cache offer strong application capabilities to push BI to the front lines
 - On-demand analysis via dashboards
 - Event-driven workflow, automation

Customer Adoption

- Announced DeepSee in Sept. 2008
- TrakCare Foundation Dashboards
- Approximately 50 companies actively working with DeepSee, many more using the prior generation
- First deployments now reaching the field: healthcare, financial services, and agriculture/manufacturing



DeepSee In Action @ InterSystems Bed Occupancy Rate

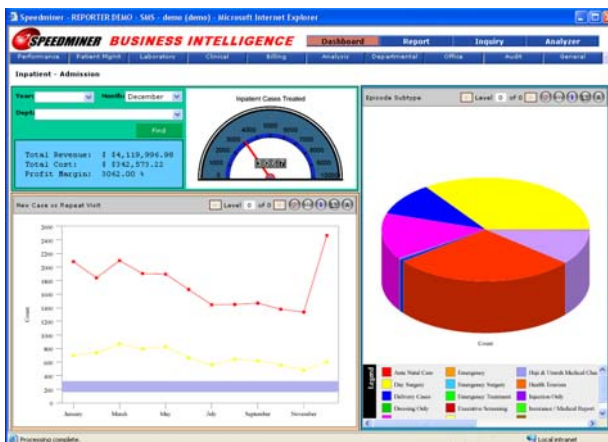
- Data highlighted to quickly show performance
- Filter by ward, day, time period

Ward	Range of Top Available	Monday		Friday		Saturday		Sunday		Monday		Tuesday		Wednesday	
		Occupancy	BOR	Occupancy	BOR	Occupancy	BOR	Occupancy	BOR	Occupancy	BOR	Occupancy	BOR	Occupancy	BOR
Ward Longwalk	43	50	54.13%	50	51	51	51	53	54.13%	51	50.95%	53	54.13%	54	54
Ward Hubbs	107	47	43.93%	49	45.79%	53	49.53%	49	45.79%	44	41.12%	47	43.93%	45	45
Ward ALB	26	11	42.31%	12	46.15%	14	53.85%	12	50.00%	12	50.00%	14	53.85%	15	15
Ward Hoover	95	51	53.68%	51	53.68%	50	52.63%	49	51.68%	50	52.63%	54	56.84%	54	54
Ward Hubbs	102	7	6.86%	8	7.84%	11	10.78%	12	11.76%	12	11.76%	11	10.78%	12	12
Ward Terrell	50	27	54.00%	27	54.00%	27	54.00%	21	42.00%	20	40.00%	17	34.00%	16	16



DeepSee In Action @ InterSystems Inpatient - Admissions

- Highlights key financial indicators
- Multiple chart types show admission trends, total counts, and episode type



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DeepSee In Action @ InterSystems Patient Management – Care Provider

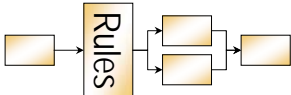
- Analyze providers by episodes, profit, cost, etc.
- User-controlled filters



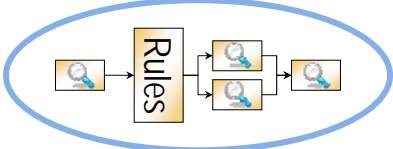
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DeepSee In Action @ QuadraMed






Patient Registration Workflow




Patient Registration Workflow with DeepSee


"A truly powerful technology... With DeepSee, you're looking at what's happening in your business while it's actually taking place."

- Real-time monitoring of quality, throughput, backlog, ...
- Dynamic tuning of rules


Jim Klein, Sr VP and CTO 



DeepSee Key Capabilities



<i>Users</i>	Analyzer	Explore and display data
	Designer	Create dashboards, extend apps
<i>Dev.</i>	Architect	Define data model
	Connector	Use external data



Future Improvements To DeepSee

Ease of Use

Graphical Report Builder

Improved performance and scalability

Tighter integration with Ensemble & Caché

Improved DeepSee data models

DeepSee II Analyzer

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

DeepSee II User Portal

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

The screenshot displays a web browser window titled "DeepSee CDR Map - Mozilla Firefox". The main content area is titled "Patients by County" and features a map of a region with several counties highlighted in blue. To the right of the map is a "Clinical Search" panel with various filters: "Search Type" (Patients), "Show overlay" (off), "Patient Demographics" (Birth Decade: 1950s, Sex: All Sex, Race: All Race), "Diagnoses" (Category: Infectious And Parasitic Diseases, Group: Other bacterial diseases), "Laboratory Tests" (System, Component), and "Medications" (Name). A "Reset" button is located at the top of the search panel. Below the map, a status bar shows "St_Lawrence County" and "Population: 0". A blue callout box at the bottom of the screenshot contains the text: "Programmatic API allows creation of more sophisticated dashboards". The InterSystems logo is visible in the bottom right corner of the screenshot.

Summary

- Many opportunities to improve operational and clinical processes with real-time BI
- DeepSee is unique because of its tight integration with Ensemble and Cache
- DeepSee II with improved ease of use/operation and data modeling available in 2009



The Global Leader in Software for Connected Healthcare

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Not separate systems.



InterSystems DeepSee

Embedded, Real-time Business Intelligence

