



IBM Software Group

# Rozšírené portfólio PLM – softvérové riešenia IBM

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**ON DEMAND BUSINESS™**

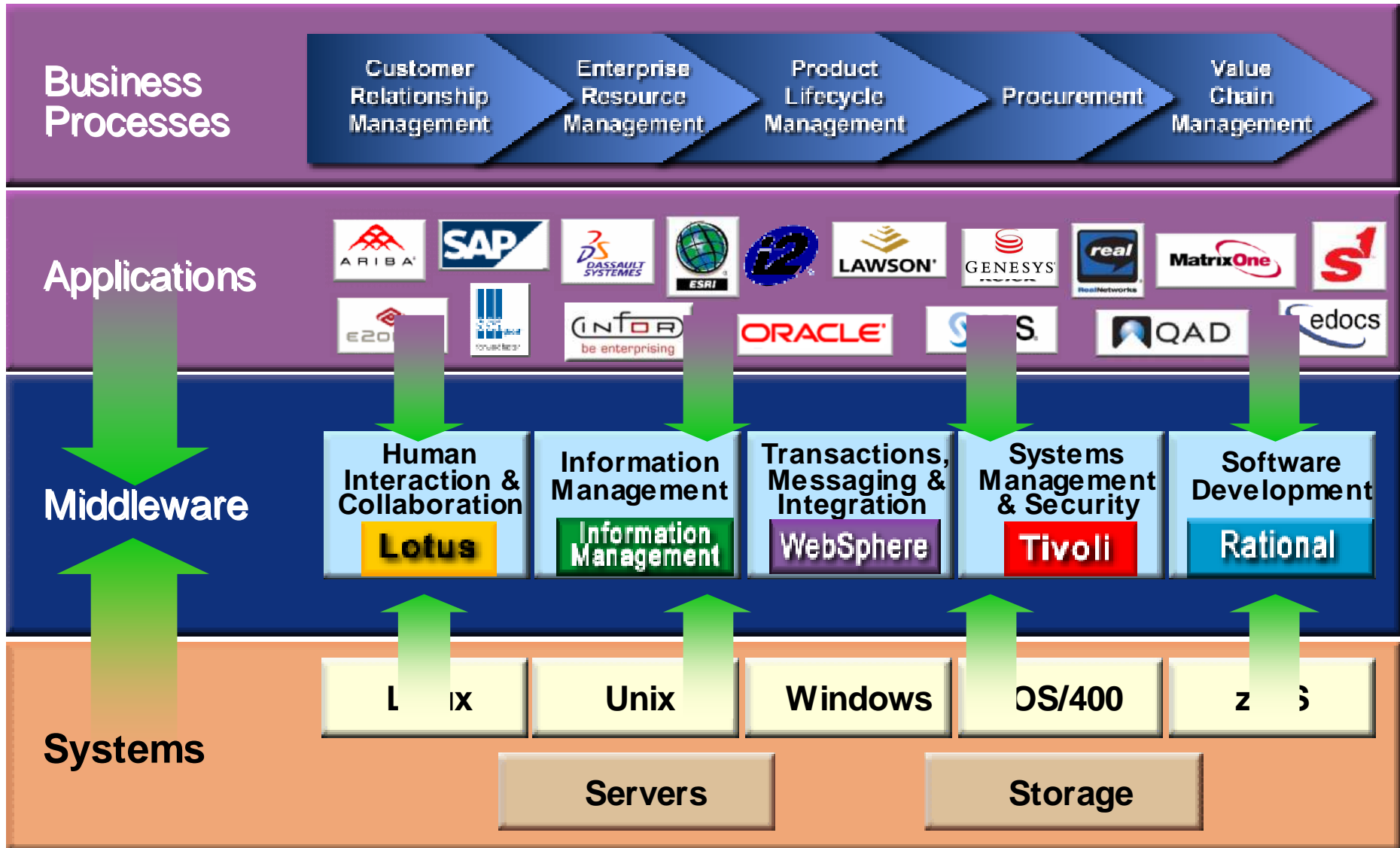
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## *Agenda*

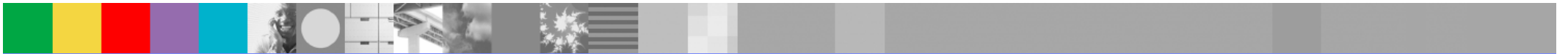
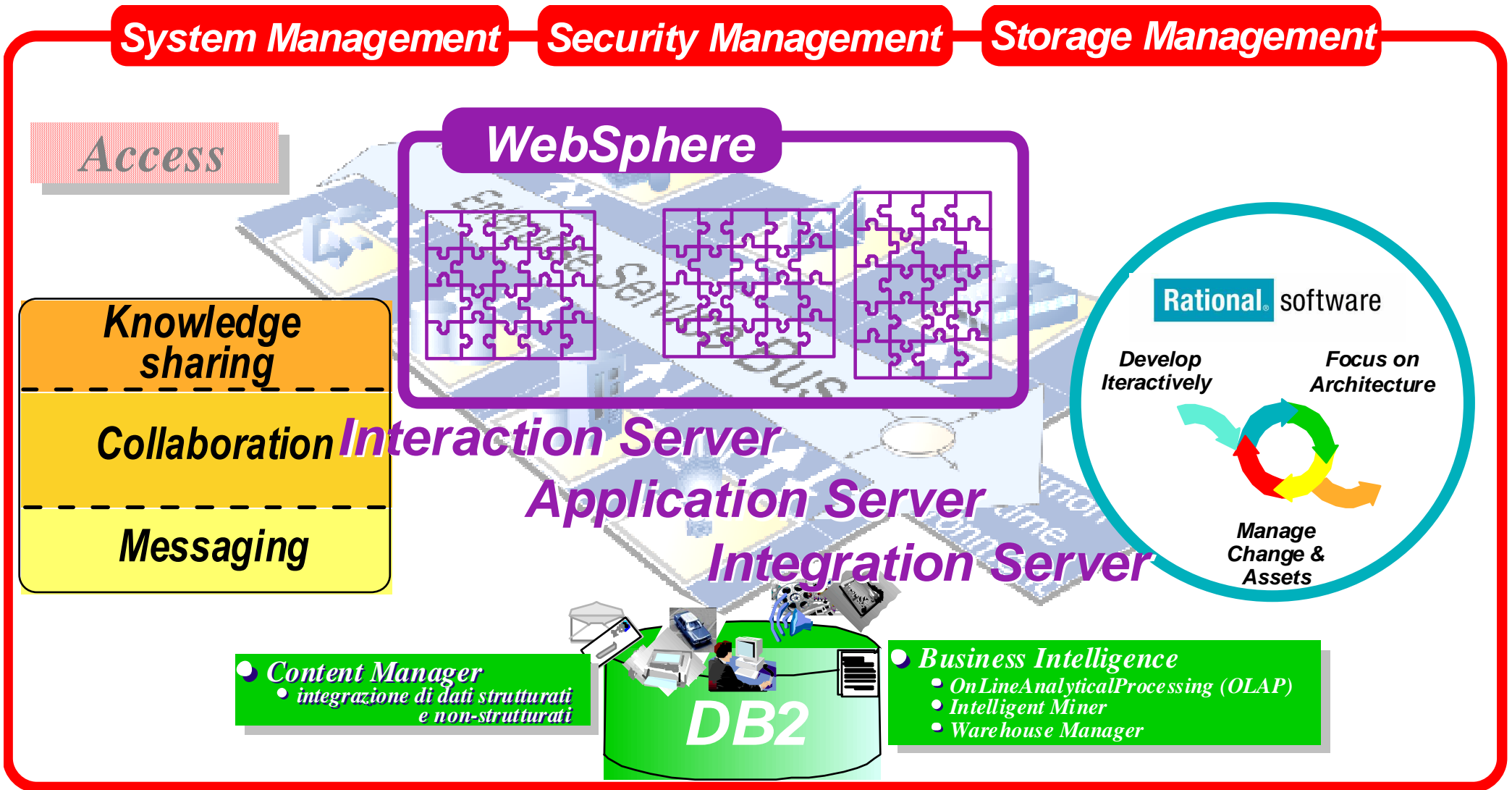
- Úvod
- Information Management
- Tivoli
- WebSphere
- Lotus
- Rational
- Záver



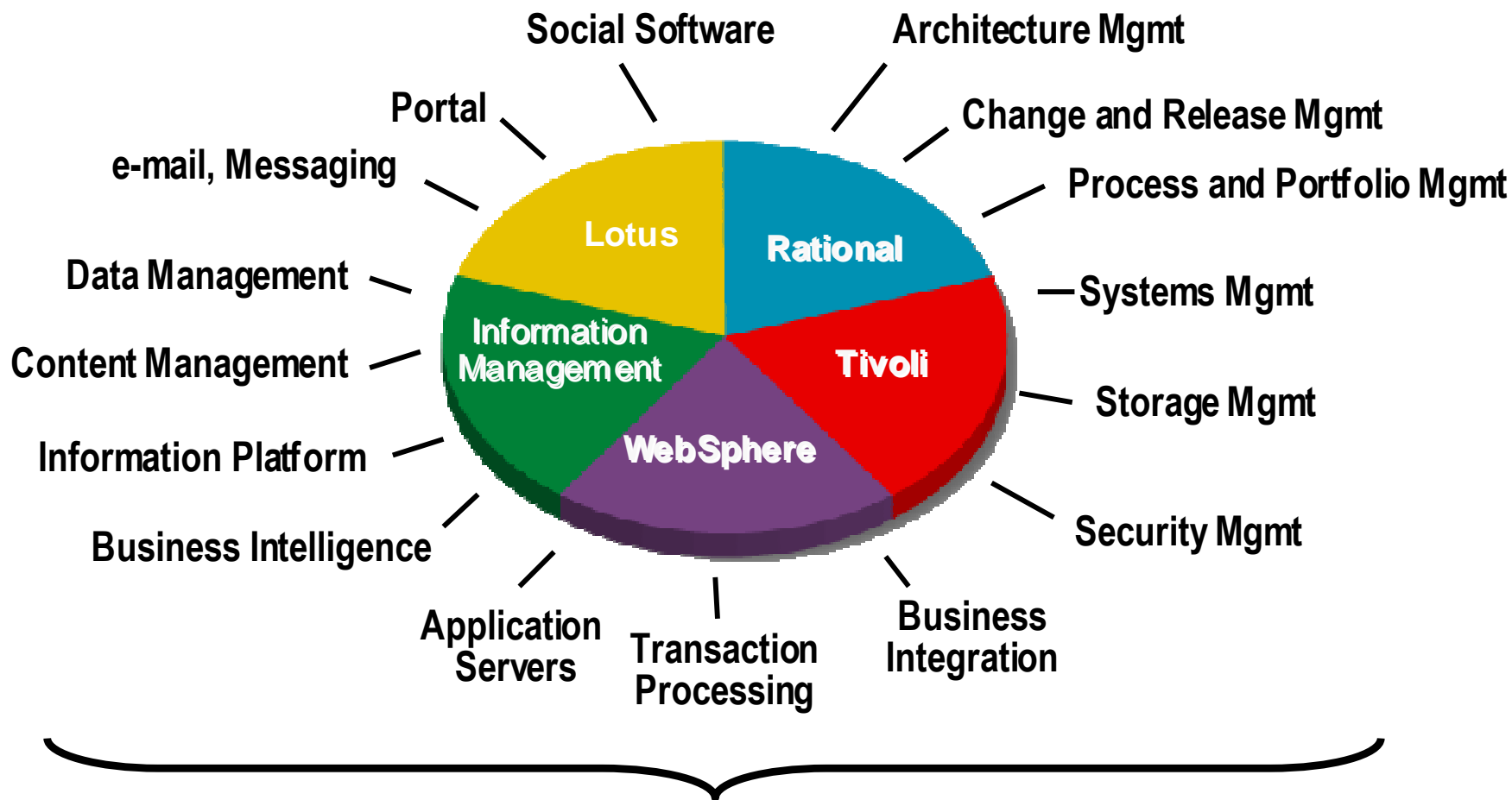
# IBM Middleware Software



# Celkový pohľad



# Portfólio softvérových riešení



**Service Oriented Architecture (SOA)**

**Information On Demand (IOD)**

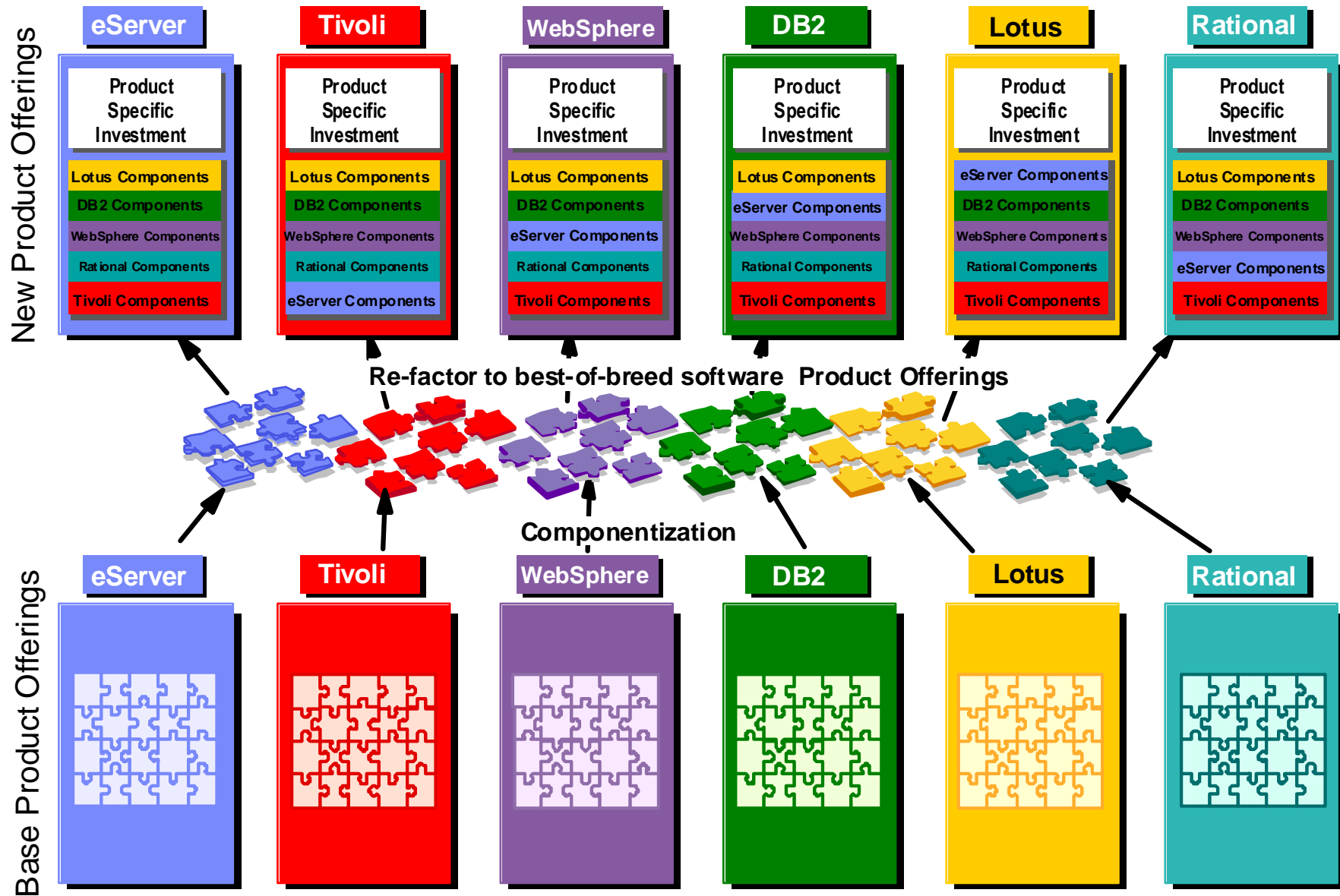
**Next Generation Collaboration**

**IT Service Management**

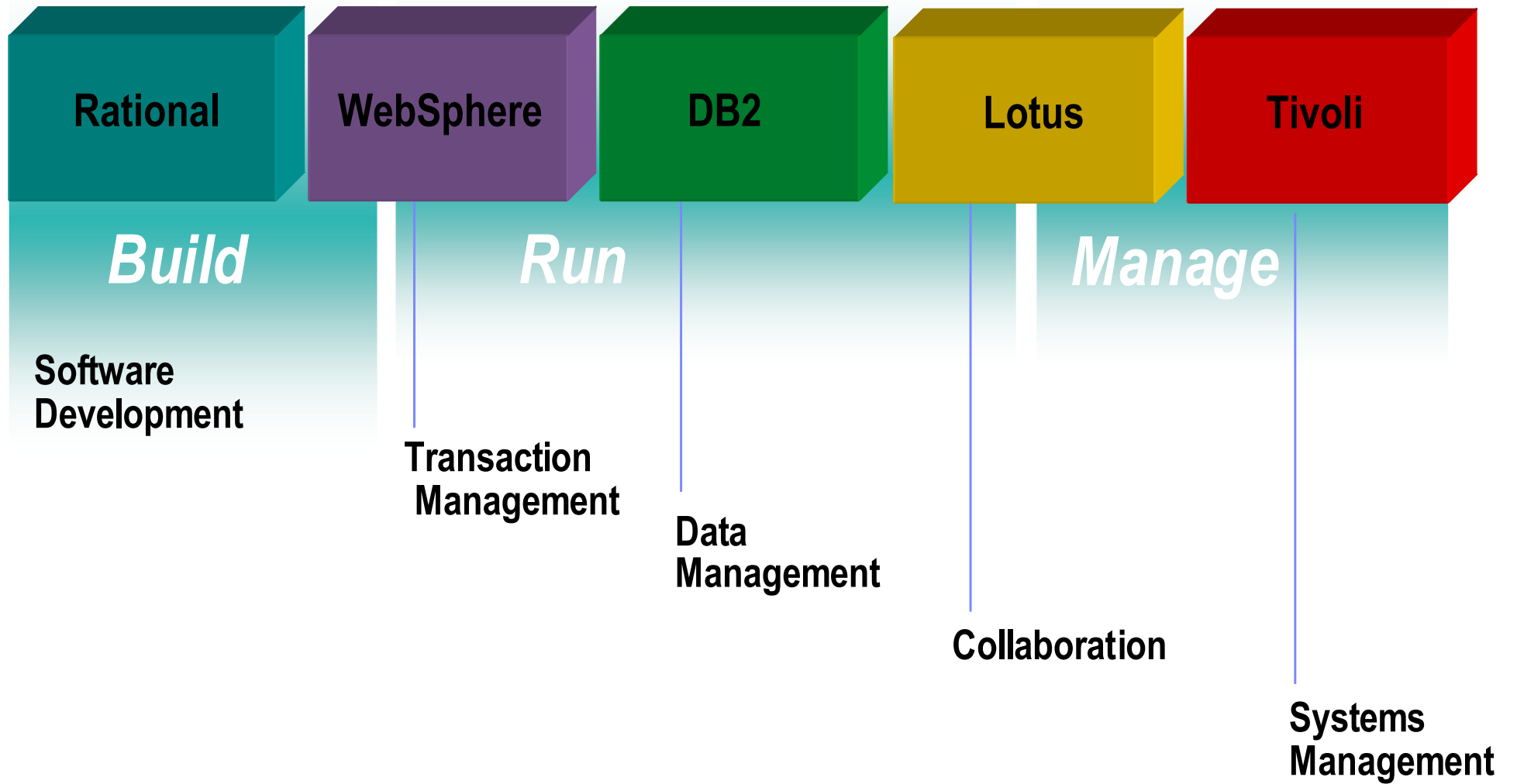
**IT Lifecycle Management & Governance**

<b>Software Development Platform</b> <b>Rational software</b>	<b>Application Integration</b> <b>WebSphere software</b>	<b>Information Management</b> <b>DB2 Information Management Software</b>	<b>Workplace, Portals and Collaboration</b> <b>Lotus software</b>	<b>Infrastructure Management</b> <b>Tivoli software</b>
<p><b>Requirements &amp; Analysis</b></p> <ul style="list-style-type: none"> <li>• Rational RequisitePro</li> <li>• Rational Rose Data Modeler</li> <li>• Rational SW Modeler</li> <li>• WebSphere Business Integration Modeler</li> <li>• Rational Software Architect</li> </ul> <p><b>Design and Construction</b></p> <ul style="list-style-type: none"> <li>• Rational Software Architect</li> <li>• Rational Software Modeler</li> <li>• Rational Rose Technical Developer</li> <li>• Rational Rose XDE Developer</li> <li>• Rational Ada Developer</li> <li>• Rational Rose Data Modeler</li> <li>• Rational PurifyPlus</li> <li>• Rational Web Developer for WebSphere SW</li> <li>• Rational Application Developer for WebSphere SW</li> <li>• Rational Test Realtime</li> </ul> <p><b>Software Quality</b></p> <ul style="list-style-type: none"> <li>• Rational Functional Tester</li> <li>• Rational Rcbot</li> <li>• Rational Performance Tester</li> <li>• Rational Test Unifying Platform</li> <li>• Rational Manual Tester</li> <li>• Rational Software Architect</li> <li>• Rational Web Developer for WebSphere Software</li> <li>• Rational Application Developer for WebSphere Software</li> <li>• Rational Test RealTime</li> <li>• Rational PurifyPlus</li> <li>• Rational Rose XDE Developer Plus</li> </ul> <p><b>Portfolio and Process Mgmt.</b></p> <ul style="list-style-type: none"> <li>• Rational Team Unifying Platform</li> <li>• Rational Suite Family</li> <li>• Rational Unified Process</li> <li>• Rational SUMMIT Ascendant</li> <li>• Rational Portfolio Manager</li> </ul> <p><b>Software Config. Mgmt.</b></p> <ul style="list-style-type: none"> <li>• Rational ClearCase Family</li> <li>• Rational ClearQuest Family</li> <li>• IBM SCLM Plus for z/OS</li> </ul>	<p><b>Appl. &amp; Transaction Infrastructure</b></p> <ul style="list-style-type: none"> <li>• WebSphere Application Server Family</li> <li>• CICS Transaction Server</li> <li>• WebSphere Business Integration Server Foundation</li> </ul> <p><b>Application Transformation</b></p> <ul style="list-style-type: none"> <li>• WebSphere Host Access Transformation Services</li> <li>• WebSphere Studio Asset Analyzer</li> <li>• WebSphere Studio Enterprise Developer</li> <li>• CICS Transaction Gateway</li> </ul> <p><b>Business Integration</b></p> <ul style="list-style-type: none"> <li>• WebSphere Business Integration Modeler</li> <li>• WebSphere Business Integration Server</li> <li>• WebSphere Business Integ. Server Foundation</li> <li>• WebSphere Business Integ. Connect</li> <li>• WebSphere MQ</li> <li>• WebSphere Business Integ. Message Broker</li> <li>• WebSphere Integrator Broker Family</li> <li>• WebSphere Information Integrator</li> <li>• WebSphere Information Integrator Content Edition</li> <li>• WebSphere Information Integrator OmniFind Edition</li> <li>• WebSphere Information Integrator Classic Federation for z/OS</li> <li>• WebSphere Information Integrator Classic Event Publisher for z/OS</li> <li>• WebSphere Information Integrator Replication for z/OS</li> </ul> <p><b>Mobile and Speech Middleware</b></p> <ul style="list-style-type: none"> <li>• WebSphere Everyplace Family</li> <li>• WebSphere Voice Family</li> <li>• IBM Workplace Client, Micro Edition</li> </ul> <p><b>Portals</b></p> <ul style="list-style-type: none"> <li>• WebSphere Portal Family</li> <li>• WebSphere Commerce Portal</li> </ul> <p><b>Commerce</b></p> <ul style="list-style-type: none"> <li>• WebSphere Commerce Business Edition</li> <li>• WebSphere Commerce Professional Ed.</li> <li>• WebSphere Commerce - Express</li> </ul> <p><b>Product Information Mgmt</b></p> <ul style="list-style-type: none"> <li>• WebSphere Product Center</li> <li>• IBM Global Data Synchronizer for WebSphere Product Center</li> </ul>	<p><b>Database and Tools</b></p> <ul style="list-style-type: none"> <li>• DB2 Universal Database (UDB)</li> <li>• Cloudscape</li> <li>• Informix</li> <li>• U2</li> <li>• IMS</li> <li>• DB2 and IMS Tools</li> </ul> <p><b>Business Intelligence</b></p> <ul style="list-style-type: none"> <li>• DB2 CLAP Server</li> <li>• WebSphere Information Integrator</li> <li>• DB2 Data Warehouse Editions</li> <li>• DB2 Query Management Facility</li> <li>• DB2 Alphablox</li> <li>• DB2 Anonymous Resolution</li> <li>• DB2 Identity Resolution</li> <li>• DB2 Relationship Resolution</li> </ul> <p><b>Content Management</b></p> <ul style="list-style-type: none"> <li>• DB2 Content Manager</li> <li>• DB2 Content Manager OnDemand</li> <li>• DB2 Records Manager</li> <li>• DB2 CommonStore for SAP, Exchange Server and Lotus Domino</li> <li>• DB2 Document Manager</li> <li>• DB2 ImagePlus</li> <li>• WebSphere Information Integrator Content Edition</li> </ul> <p><b>Information Integration</b></p> <ul style="list-style-type: none"> <li>• WebSphere Information Integrator</li> <li>• WebSphere Information Integrator Content Edition</li> <li>• WebSphere Information Integrator OmniFind Edition</li> <li>• WebSphere Information Integrator Classic Federation for z/OS</li> <li>• WebSphere Information Integrator Classic Event Publisher</li> <li>• WebSphere Information Integrator Replication for z/OS</li> <li>• WebSphere DataStage</li> <li>• WebSphere DataStage TX</li> <li>• WebSphere QualityStage</li> <li>• WebSphere ProfileStage</li> <li>• WebSphere Data Integration Suite</li> <li>• WebSphere AuditStage</li> <li>• WebSphere MetaStage</li> </ul>	<p><b>Messaging</b></p> <ul style="list-style-type: none"> <li>• Lotus Notes</li> <li>• Lotus Domino</li> <li>• Lotus Domino Webmail</li> <li>• Lotus Domino Designer</li> <li>• Lotus Workplace Collaboration Services</li> <li>• Lotus Mobile &amp; Wireless Solutions</li> <li>• Lotus Domino Unified Communications</li> <li>• Lotus Domino Access for MS Outlook</li> <li>• Domino Web Access</li> </ul> <p><b>Application and Portal Dev.</b></p> <ul style="list-style-type: none"> <li>• Lotus Domino Designer</li> <li>• Lotus Workplace Products API Toolkit</li> <li>• Lotus Enterprise Integrator</li> <li>• Lotus Enterprise Script Builder</li> <li>• Lotus Connectors</li> <li>• Domino Global Workbench</li> <li>• Lotus Team Workplace</li> <li>• Lotus Workflow</li> <li>• Domino Toolkit For WebSphere Studio</li> <li>• Domino Application Portlet</li> <li>• WebSphere Portal products</li> <li>• IBM Portal Toolkit</li> <li>• IBM Workplace Designer</li> <li>• IBM Workplace Managed Client</li> <li>• IBM Workplace Services Express</li> </ul> <p><b>Real-time and Team Collaboration</b></p> <ul style="list-style-type: none"> <li>• Lotus Web Conferencing</li> <li>• Lotus QuickPlace</li> <li>• Lotus Sametime</li> <li>• IBM Workplace Collaboration Services</li> </ul> <p><b>Document and Content Mgmt</b></p> <ul style="list-style-type: none"> <li>• Lotus Domino Document Manager</li> <li>• IBM Workplace Services Express</li> <li>• IBM Workplace Web Content Mgmt</li> <li>• Lotus Workplace Collaboration Services</li> <li>• Lotus Extended Search</li> <li>• Lotus Team Workplace</li> </ul> <p><b>Mobile Messaging</b></p> <ul style="list-style-type: none"> <li>• Domino Everyplace</li> <li>• WebSphere Everyplace</li> </ul> <p><b>Learning</b></p> <ul style="list-style-type: none"> <li>• IBM Lotus Workplace Collaborative Learning</li> <li>• IBM Lotus Learning Management System</li> <li>• IBM Lotus Virtual Classroom</li> <li>• IBM Lotus LearningSpace</li> </ul>	<p><b>Availability</b></p> <ul style="list-style-type: none"> <li>• Tivoli Analyzer for Lotus Domino</li> <li>• Tivoli ETEWatch</li> <li>• Tivoli Information Mgmt for z/OS</li> <li>• Tivoli IntelliWatch Pinnacle for Dist. Systems</li> <li>• Tivoli Monitoring Family</li> <li>• Tivoli OMEGAMON DE and XE Families</li> <li>• Tivoli Point of Sale Monitor</li> <li>• Tivoli Web Response Monitor</li> <li>• Tivoli Web Segment Analyzer</li> <li>• Tivoli System Automation Family</li> <li>• Tivoli Remote Control</li> </ul> <p><b>Application Management</b></p> <ul style="list-style-type: none"> <li>• Tivoli ETE Watch</li> <li>• Tivoli OMEGAMON DE and XE Families</li> <li>• Tivoli Web Response Monitor</li> <li>• Tivoli Monitoring for Transaction Performance</li> <li>• Tivoli Monitoring for Web Infrastructure</li> </ul> <p><b>Business Service Mgmt</b></p> <ul style="list-style-type: none"> <li>• Tivoli Business Systems Manager</li> <li>• Tivoli Enterprise Console</li> <li>• Tivoli NetView Family</li> <li>• Tivoli OMEGAMON DE and XE Families</li> <li>• Tivoli Performance Modeler</li> <li>• Tivoli Service Level Advisor</li> <li>• Tivoli Switch Analyzer</li> <li>• Tivoli Web Site Analyzer</li> <li>• Tivoli Editor For Messages Family</li> </ul> <p><b>Orchestration and Provisioning Mgmt</b></p> <ul style="list-style-type: none"> <li>• Tivoli Intelligent Orchestrator</li> <li>• Tivoli Configuration Manager</li> <li>• Tivoli License Manager</li> <li>• Tivoli Provisioning Manager</li> <li>• Tivoli System Automation Family</li> </ul> <p><b>Security</b></p> <ul style="list-style-type: none"> <li>• Tivoli Identity Manager</li> <li>• Tivoli Federated Identity Manager</li> <li>• Tivoli Access Manager</li> <li>• Tivoli Compliance Manager</li> <li>• Tivoli Risk Manager</li> <li>• Tivoli Privacy Manager</li> </ul> <p><b>Storage and Optimization</b></p> <ul style="list-style-type: none"> <li>• Tivoli TotalStorage Productivity Family</li> <li>• Tivoli TotalStorage SAN Family</li> <li>• Tivoli Workload Scheduler Family</li> <li>• Tivoli Storage Manager Family</li> <li>• Tivoli Storage Optimizer for z/OS</li> <li>• Tivoli Tape Optimizer on z/OS</li> </ul>

# Modulárna architektúra produktov

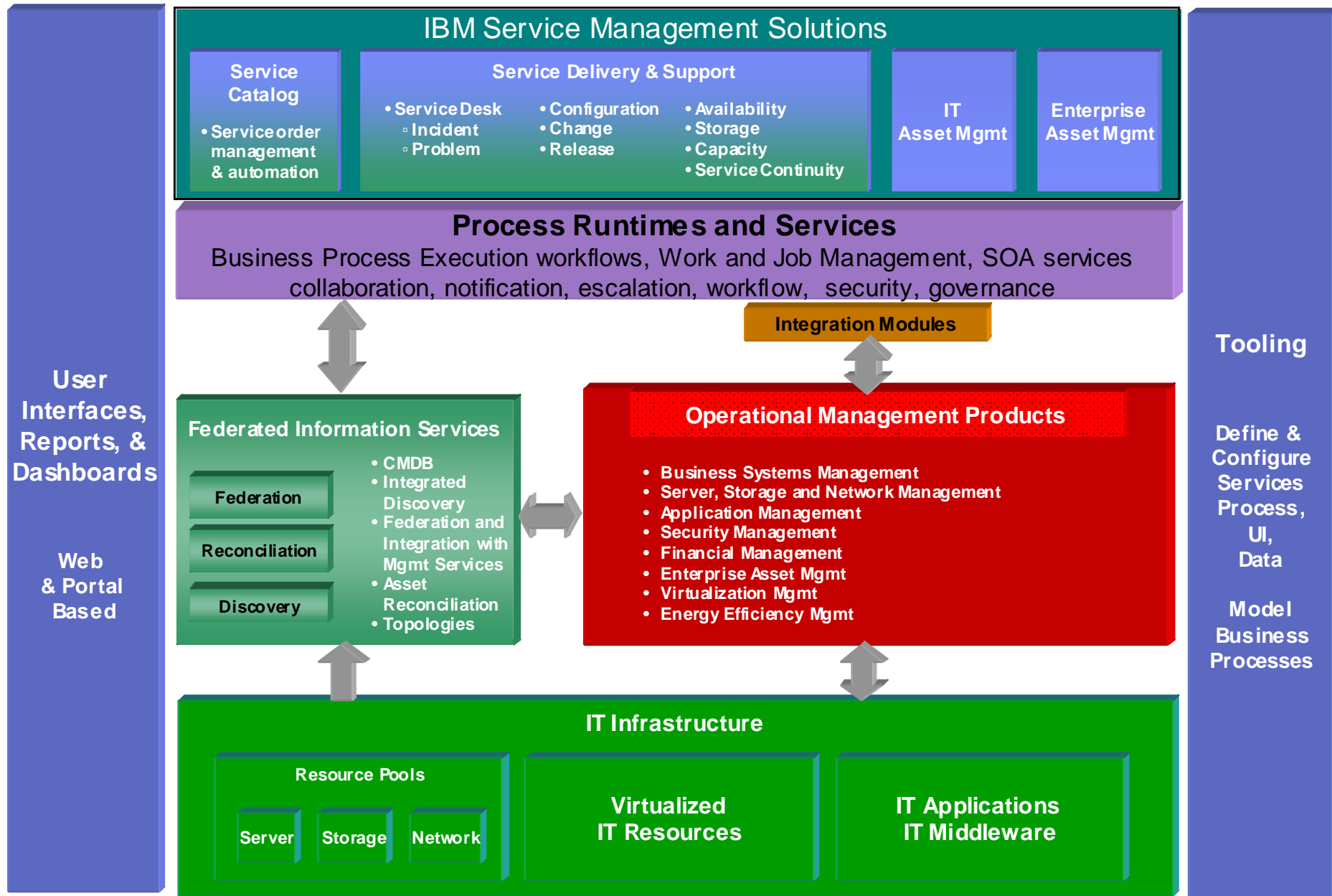


# Zameranie jednotlivých brandov





# IBM Service Management



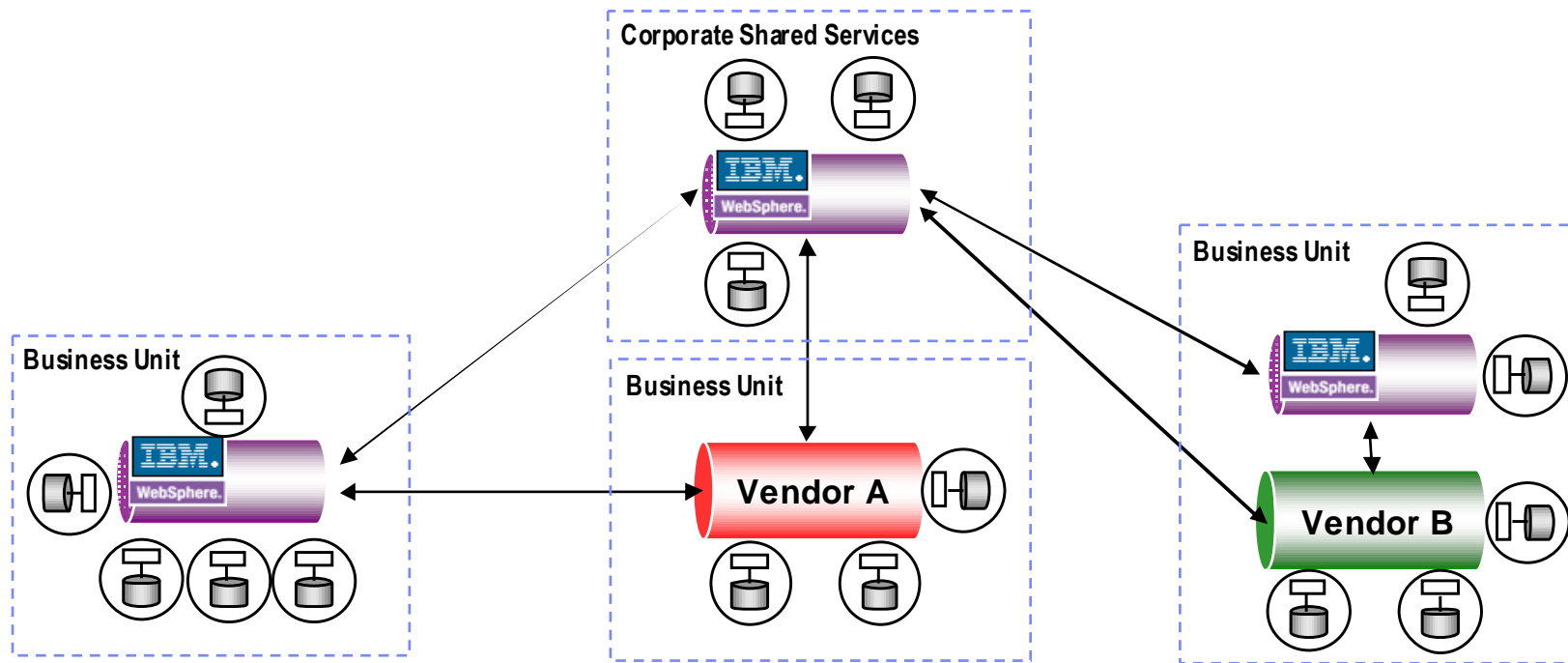
# Riešenia v oblasti bezpečnosti



- User Provisioning and Identity Governance**
  - *Tivoli Identity Manager*
  - *Tivoli Identity Manager for z/OS*
  - *Tivoli Identity Manager Express*
- Access and Entitlements Management**
  - *Tivoli Federated Identity Manager*
  - *Tivoli Federated Identity Manager for z/OS*
  - *Tivoli Federated Identity Manager Business Gateway*
  - *Tivoli Access Manager for e-Business*
  - *Tivoli Access Manager for Enterprise Single Sign-on*
- User Activity and Compliance Monitoring**
  - *Tivoli Compliance Insight Manager*
  - *Tivoli Security Operations Manager*
  - *Tivoli Security Compliance Manager*
- Mainframe and Distributed Platform Security**
  - *Tivoli zSecure Suite*
  - *IBM RACF*
  - *Tivoli Access Manager for Operating Systems*
- Directory Services and Integration**
  - *Tivoli Directory Integrator*
  - *Tivoli Directory Integrator for z/OS*
  - *Tivoli Directory Server*



# Aplikačná integrácia



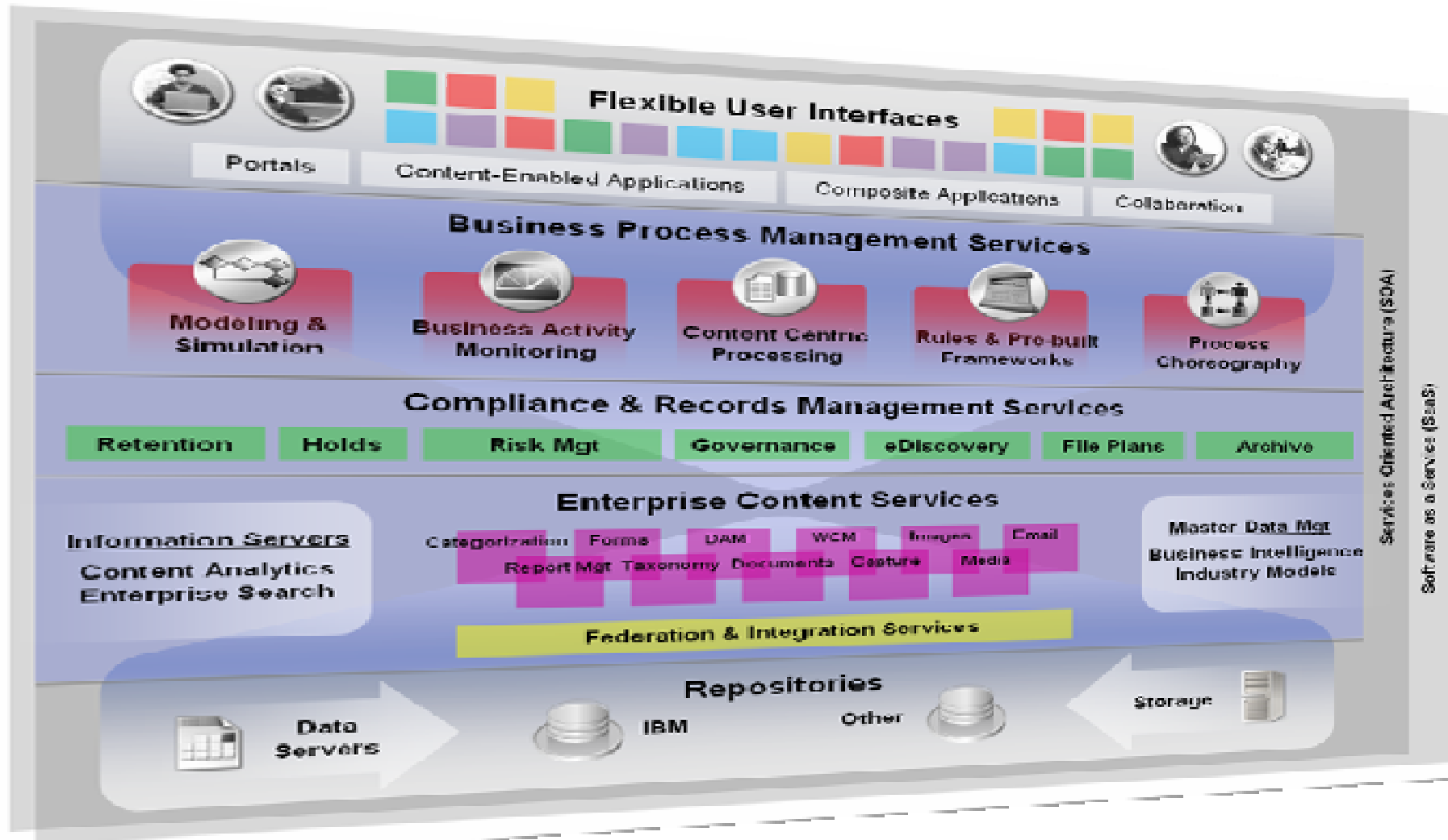
**WebSphere Services Registry and Repository**

**Tivoli Composite Application Management for SOA**

**Federated Security**



# Enterprise Content Management



# Nástroje pre spoluprácu



## Lotus Symphony

Productivity tools for document, presentations, and spreadsheets

## Lotus Sametime

Unified communications and collaboration services

Lotus Sametime Unyte

## Lotus Quickr

Collaborative content and team services

## Lotus Notes

Mail, calendaring and collaborative applications



## Lotus Forms

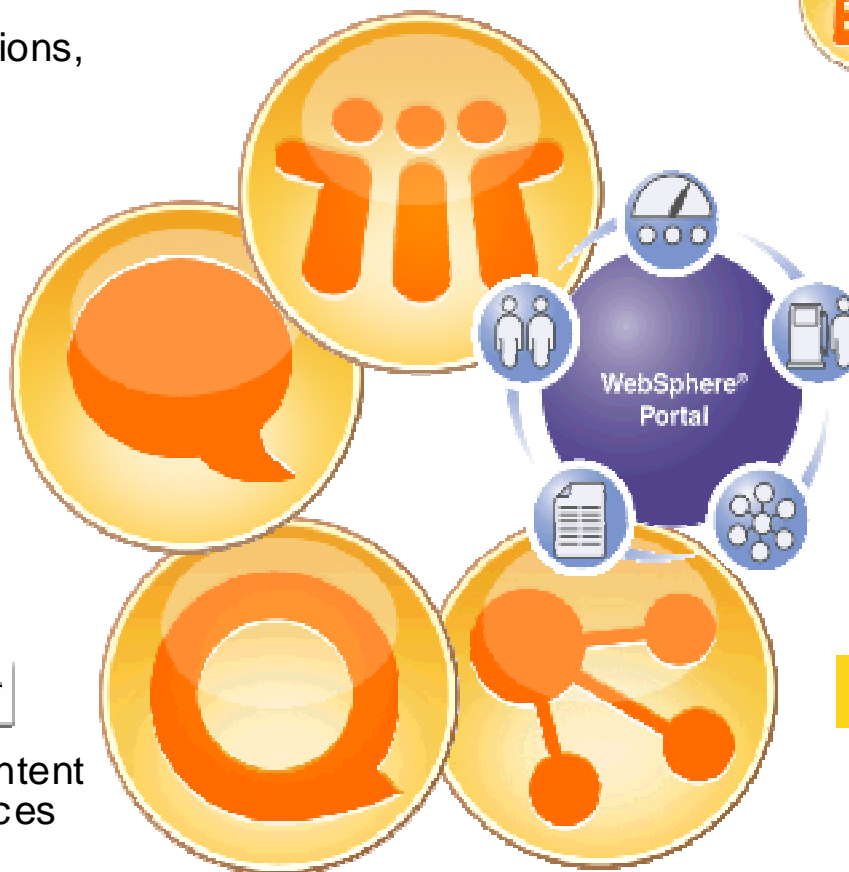
Pixel perfect, digitally signed forms

## WebSphere Portal

Composite application and integration services

## Lotus Connections

Social software for business



# Vývojové nástroje

**Analyst**



Rational RequisitePro

WebSphere Business Integration Modeler & Monitor

Rational Rose Data Modeler

**Architect**



Rational Software Architect

Rational Software Modeler

**Developer**



Rational Application Developer

Rational Web Developer

Rational PurifyPlus

Rational Test RealTime

**Tester**



Rational Functional Tester

Rational Manual Tester

Rational Performance Tester

Rational Robot

**Deployment Manager**



Tivoli Configuration Manager

Tivoli Provisioning Manager

Tivoli Monitoring

WebSphere Studio Application Monitor

*Customer Extensions*

## ECLIPSE

*3rd Party ISV Tools*

  
**Project Manager & Team**

Rational Team Unifying Platform

Rational Unified Process

Rational ClearCase Family

Rational ClearQuest Family

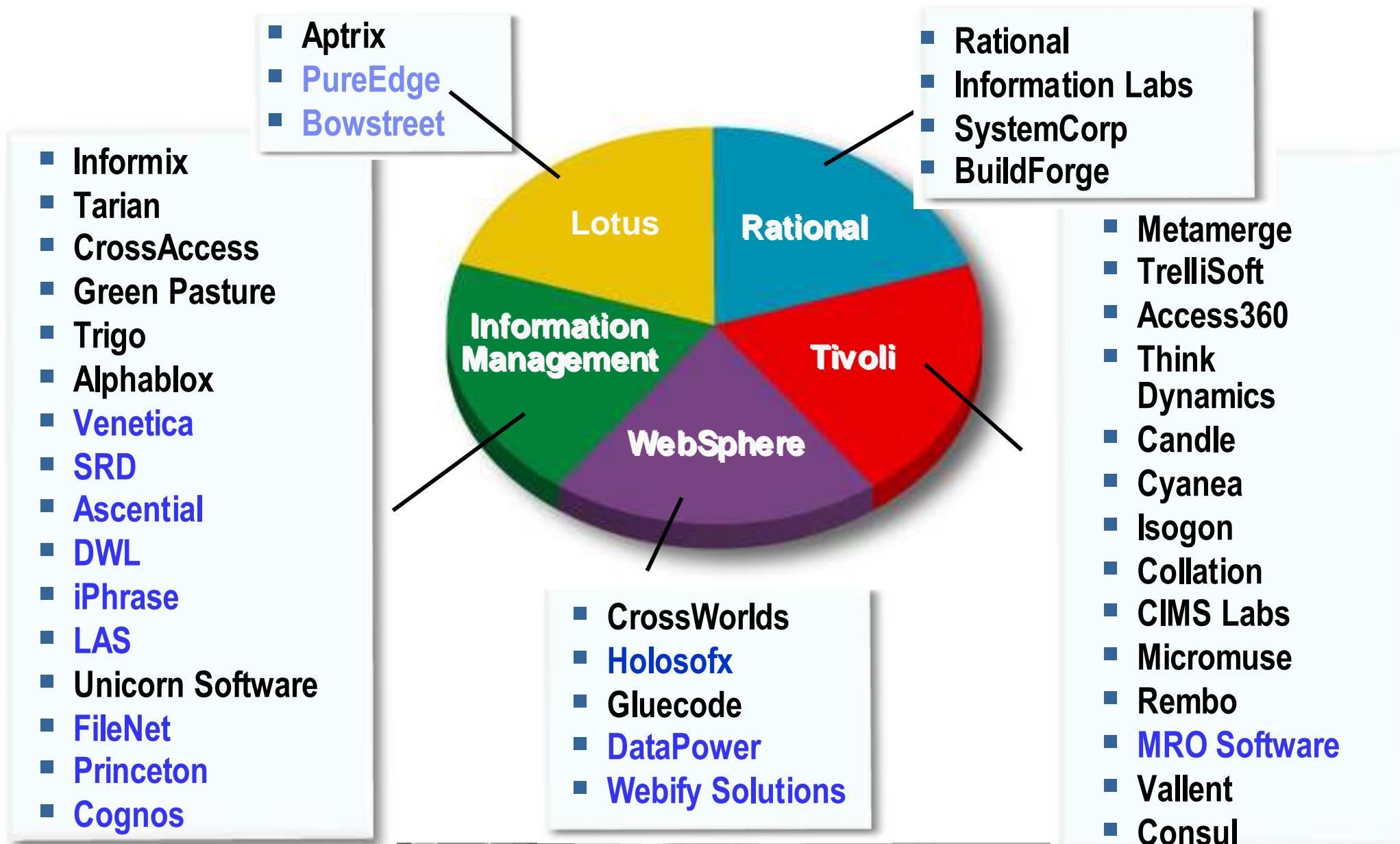
Rational soDa

  
**Executive**

Rational Portfolio Manager



# Akvizície softvérových spoločností



## Pozícia na trhu

### WebSphere

- 62,000 WebSphere customers
- 2+ million WebSphere developers

### Information Management

- Over 425,000 Data Management customers
- 14,000 Business Partners; 40,000 ISV applications

### Lotus

- 113 million Messaging seats – 61,000 sites
- 8 million Instant Messaging corporate users

### Tivoli

- 22,000 Tivoli Systems Management customers
- 60 million user licenses of Tivoli Access Manager

### Rational

- 600,000+ users of Rational Software
- More than 18 million Eclipse downloads

**IBM je na #1 alebo #2 pozícii vo všetkých middleware segmentoch**





# Passport Advantage

- **Jednotný IBM program pre nákup licencií a technickej podpory**
- **Passport Advantage Express**
  - ▶ Určený pre malých a stredných zákazníkov
  - ▶ Jedna cenová hladina
- **Passport Advantage**
  - ▶ Pre veľkých zákazníkov a štátnu správu
  - ▶ Bodový systém, cenové hladiny: D, E, G, H, I, J
- **Software Maintenance**
  - ▶ Nová softvérová licencia obsahuje technickú podporu na jeden rok
  - ▶ Obsahuje support a prístup k novým verziám softvéru
  - ▶ Ďalšie roky sa obnovuje: RENEWAL, REINSTATEMENT



## SWG – Cross Brand riešenia

- **Aplikačná Integrácia** – „aby všetko spolu fungovalo“
- **Procesná Integrácia** – BPM – „aby procesy boli správne manažované“
- **Service management a monitoring** - IT ako flexibilná služba na podporu obchodu
- **Zálohovanie a archivácia** – „chráňte si svoje dáta“
- **Security** - Identity Management a Compliance Management – „riadenie prístupov užívateľov“
- **Enterprise Asset Management** – „aby ste vedeli, kde máte svoje skrutky“
- **Elektronické formuláre** – inteligentný vstup dát pre back-end systémy (napr. SAP)
- **Enterprise Content Management (ECM)** – Správa obsahu a riadenie podnikových procesov
- **Cognos** – Business Intelligence and Corporate Performance Management
- **SelfService** - pre väčšie firmy, na riadenie vzťahu so zamestnancom
- **VoiceOverIP** - Unified Communications - zníženie nákladov na komunikáciu

...použite SWG zdroje od pre-sales až delivery...



## Naša konkurencia

<b>Information Mngmt</b>	Oracle, Microsoft, EMC
<b>WebSphere</b>	Oracle, SUN, Microsoft, SAP
<b>Lotus</b>	Microsoft
<b>Tivoli</b>	HP, BMC, Computer Associates, SUN
<b>Rational</b>	Borland, Mercury, Microsoft, SUN



## *Viac informácií*

<b>ibm.com</b>	<a href="http://www.ibm.com/software">http://www.ibm.com/software</a>
<b>Partner World</b>	<a href="http://www.ibm.com/partnerworld">http://www.ibm.com/partnerworld</a>
<b>developerWorks</b>	<a href="http://www-130.ibm.com/developerworks">http://www-130.ibm.com/developerworks</a>
<b>Passport Advantage</b>	<a href="http://www.ibm.com/software/passportadvantage">www.ibm.com/software/passportadvantage</a>



# Záver

**Tivoli**  
Security

**Lotus**  
Application Servers

**Rational**  
Requirements and Analysis

**Tivoli**  
IT Management (Automation)

**Lotus**  
e-learning  
Teamroom  
Instant Messaging  
e-mail

Application Servers

**DB2**  
Business Intelligence

Business Process Management  
**WebSphere**

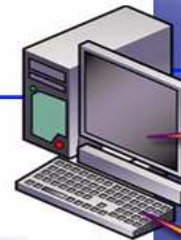


Mobile Infrastructure



**WebSphere**

Databases  
**DB2**



Web Services & Service Oriented Architecture

**WebSphere**

Portal

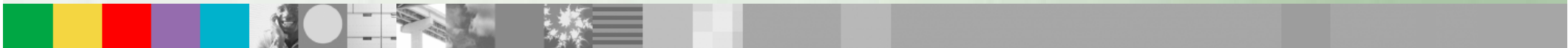
**Lotus**  
Workplaces

**WebSphere**  
Commerce

**WebSphere**  
Host Integration

**Rational**  
Software Development Platform





*Dakujem za  
pozornost!*

