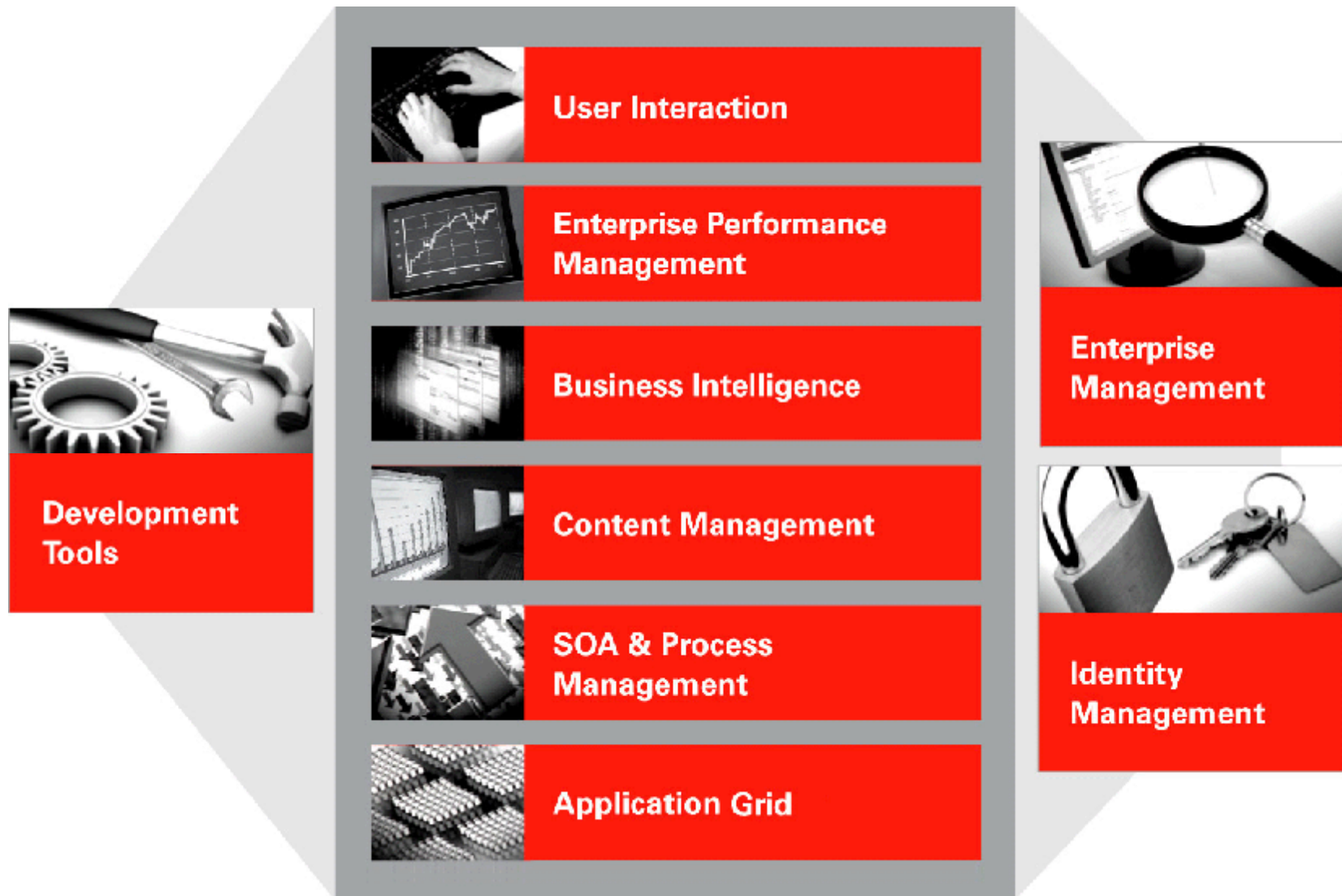


Introduction To Fusion Middleware 11g

Oracle Fusion Middleware

Complete, Integrated, Hot-pluggable, Best-of-Breed



Oracle Fusion Middleware

Product Strategy

- **1** Fundamental Principles
 - Complete and integrated family of best-of-breed products
 - Hot-pluggable architecture
- **2** Infrastructure for Agile & Intelligent Business Applications
- **3** Optimized for Modern DataCenter Architectures

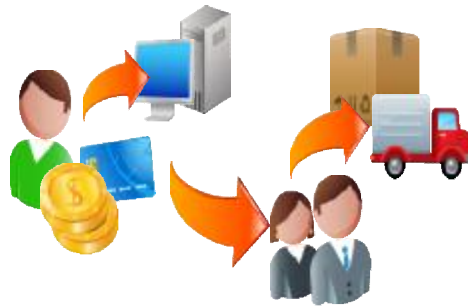
Oracle Fusion Middleware 11^g

Meets Important Business Needs

Rich Internet Applications



Business Process Management



Enterprise Team & Social Computing



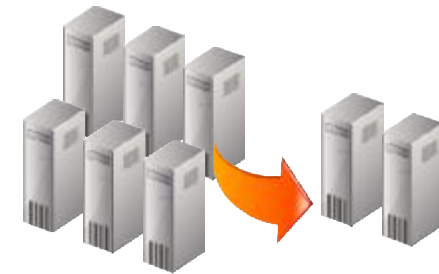
Application Customization



Identity & Compliance Management



Systems Consolidation



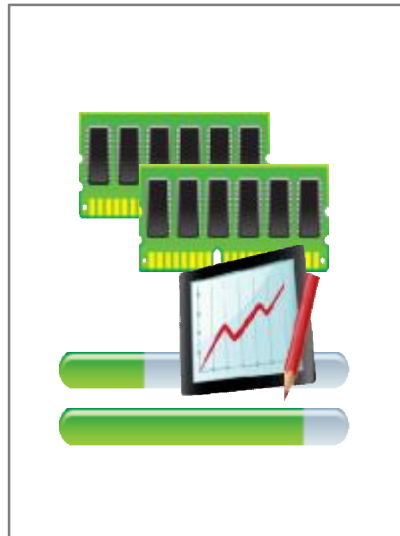
Oracle Fusion Middleware 11^gR1

Designed to exploit Technology Trends

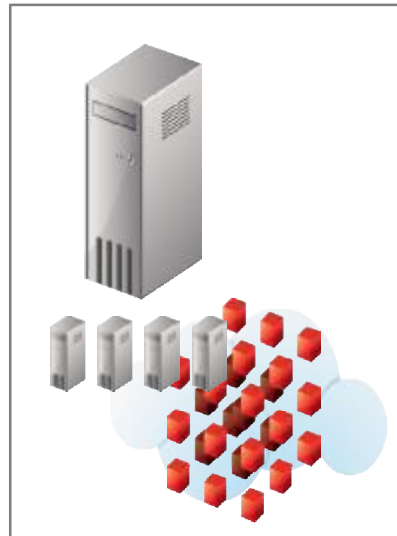
**Multi-Core
Processors**



**64 Bit Operating
Systems & Very
Large Memory**



**Virtualization
& Private
Clouds**



Storage

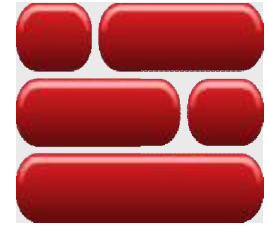


Oracle Fusion Middleware 11^gR1

Most Important Release Ever

- New Release of Fusion MW Suite
- Brings together Oracle & BEA Functionality
 - Rapid integration of Key Pieces of Product Suites
- Significant New Product Functionality
 - 2900+ New Features – 4X Features in other Releases
 - Combination of Products drives Consolidation Opportunities

Complete



- **New Capabilities for FMW Suite**
 - Tools: ALM, ADF-Mobile (Native Mobile Client on iPhone, Blackberry)
 - SOA: Complete Rules, CEP and BAM
 - Portal: WebCenter Spaces
 - IdM: Directory Services Management and Auditing
- **New Products and Features Complete Individual Product Suites**
 - Depth of management provided within EM
- **Complete Integration Between Business Users and IT Counterparts**
 - Business users to have visibility into IT Systems & Business Processes
 - Tools like Page Composer, Process Composer to customize and adapt applications to specific needs
- **Broad and Deep Cross-Suite Functionality**
 - New functionality provided in the Security and Systems Mgmt.

Open & Hot-Pluggable



- Continued Support for Heterogeneous, Multi-Vendor Environments
 - Support for 3rd party DBs, J2EE servers, etc.
- Expanded Support for Open Standards
 - Better support for WS-*, SCA, WSRP 2.0, BPMN, BPEL4People, IdM standards, etc.
- Exploit New Hardware and Software Infrastructure Trends
 - New functionality to build and deploy virtual appliances

Integrated



- BEA and Oracle Integration Complete
- Integration *across* FMW Suite
 - Integrated Metadata Management
 - Integrated Customization
 - Integrated Security Model
 - Integrated Management Environment
 - Integration Across Application Development, SOA, User Interaction, and Business Intelligence
- Integration *within* each Individual Suites
- Integration with Oracle's Applications
- Complete Integration Between BEA and Oracle Products

FMW 11^g Supports Adaptive Business Applications

- JDeveloper & ADF 11g [Model-Driven Design & Development](#)
 - Unified Declarative and Model-Driven Development
 - Single standards-based “meta-framework”
- Business Dictionary / Resource Catalog
 - Common set of resources to share information and encourage service reuse
 - Simplifies application semantics
 - Facilitates collaboration between Business Users and Developers with *Business Editors*
- Application Lifecycle Management
 - Common Auditing and Reporting Solution
 - Significantly Enhanced Application Testing
 - Shared Metadata between Design and Runtimes

FMW 11^g Supports Adaptive Business Applications

- Unified SCA Composite **Design and Runtime**
- Single Standards-Based Platform for all Business Design and Execution
 - Process Modeling and Design
 - Systems Orchestration
 - Advanced Human Workflow
 - Human Interaction Coordination
 - Document Workflow
- Advanced Business Process Intelligence
 - *Business Process Warehouse & Integrated Process Analytics*
 - Packaged Process Dashboards
 - Complex Event Processing
 - Business Activity Monitoring

FMW 11^g Supports Adaptive Business Applications

- Dynamic Business Process Adaptation allows configuration and modification of processes that are in-flight
 - Business Rules Engine and Editor
 - Advanced Integration with Oracle Business Intelligence
 - Business Process Composer
- Govern and Manage Complex Business Process
 - Process Catalog
 - Pre-Packaged Process Models
 - Enterprise Repository and Service Registry
 - SOA Policy Manager

FMW 11^g Supports Adaptive Business Applications

Enterprise Portals and User Interaction

- Extends Traditional Portal Development Capabilities
- Enables Unified, Seamless, and Role-Based Access to Corporate Information Assets
- Enable Formal and Informal Business and Social Communities
- Pre-Packaged Social Computing Services
- Pervasive Information Delivery

Oracle Fusion Middleware 11gR1

- More Complete, More Integrated, More Hot pluggable
- New Innovation and Capabilities Across All Areas
- Ready for Adoption Today
 - Battle tested by customers, Fusion Applications
 - Partner eco-system ready

Oracle Fusion Middleware

Summary

- Oracle Fusion Middleware
 - Complete, Integrated, Open & Hot Pluggable
- Oracle Fusion Middleware 11^gR1
 - Major New Release of Fusion Middleware Suite – Available beginning June 2009
- Oracle Fusion Middleware 11^gR1
 - Continues to drive significant competitive differentiation and broadens sales opportunities in all product categories
- Oracle Fusion Middleware
 - Critical to drive continued growth in Oracle Technology Business

Development Tools

- Declarative Development
 - Speed with protection from underlying technology/changes
- Heterogeneous Rich Client Rendering
 - AJAX, Flash, Portlet content integrated in the same page
- Single Integrated Design Time
 - Customers spending less time and money as 60% of the IDE remains constant