mySAP Business Suite

Cross Industry Solutions

- Industry Solutions
- Solutions for Small and Medium Businesses
- mySAP Enterprise Portal
- mySAP SCM (Supply Chain Management)
- mySAP CRM (Customer Relationship Management)
- mySAP SRM (Supplier Relationship Management)
- mySAP PLM (Product LifeCycle Management)
- mySAP Marketplace
- mySAP Business Intelligence
- mySAP FIN (Financials)
- mySAP HR (Human Resources)
- mySAP Mobile Business
- SAP NetWeaver
mySAP Business Suite Industry Solutions

- mySAP Aerospace & Defense
- mySAP Automotive
- mySAP Banking
- mySAP Chemicals
- mySAP Consumer Products
- mySAP Engineering, Construction & Operations
- mySAP Financial Service Provider
- mySAP Healthcare
- mySAP Higher Education & Research
- mySAP High Tech
- mySAP Industrial Machinery & Components
- mySAP Insurance
- mySAP Media
- mySAP Mill Products
- mySAP Mining
- mySAP Oil & Gas
- mySAP Pharmaceuticals
- mySAP Professional Services
- mySAP Public Sector
- mySAP Retail
- mySAP Service Providers
- mySAP Telecommunications
- mySAP Utilities
Technology Group

- Provides services and frameworks for Application Development
- Shields from underlying OS and platform dependencies
- Automates routine tasks
- Frees application development from mundane tasks wherever possible
- Proposes development methodologies and frameworks
- Provides software logistics
- Supports full product life-cycle from requirement definition, design, development, quality assurance, documentation, translation, product assembly, product support

Goal: Productivity, Productivity, Productivity!
Application Development Business Units

- Focus is on translating business requirements into software
- Many people have a CS background, yet the majority has a business background (financials, supply chain optimization, procurement, …)
- Management structure focused on business goals, not technology management
- Very few business units require systems level logic in their products (Exceptions: CRM mobile application framework, SCM Supply Chain optimization algorithms)

Goal: Produce world-class application products
Costs of Development

The true costs are the full lifecycle costs
- Maintenance costs by far exceed initial development costs
- Costs multiply with the combination of multiple releases and multiple components that have to be maintained

Complexity is the main cost driver
- Complexity drives cost growth exponentially
- The number of one-to-one integrated system components increases complexity
- Complexity management is an architectural problem

Poor quality erodes profitability
- Poor quality leads to a cost explosion in all lines of business
- Quality problems in a mass product are the hardest to fix
- Only quality per design leads to scalable business
**BUSINESS DEMAND**
- Solutions that fit
  - To the industry
  - To the size of Business
  - To special needs
- Solutions with adapt
  - To changing business
  - To changing organizations
  - To Next Practice

**PLATFORM RESPONSE**
- Configure to solution
- Reuse Components
- Best in class engines
- Built-in extendibility
- Composite apps
Component Development Realities

Components are developed by different teams, in different locations, in different time zones.

Teams do not have the time or documentation to understand each other’s architecture.

Components need to be integrated into different products.

Team integration will become absolutely impossible, if no additional measures are taken!

Solution: Use a common set of tools that allow to build, test, deploy and produce your products in a unified way.
NW Development Infrastructure - Summary

**Source Code Control**
- Distributed versioning
- Conflict resolution
- Change tracking

**Components**
- Encapsulation
- Controlled usage
- Nested components

**Propagation**
- Production units
- Automated propagation
- Approval process

**Build Support**
- Build on demand
- Predefined build scripts
- Activation

**Landscape Administration**
- Administration cockpit
- Configuration templates
- Logical systems
Summary

SAP addresses many shortcomings of J2EE in its NetWeaver platform

Eclipse is the foundation for SAP NetWeaver Developer Studio

Developers use Eclipse to code, model, build, test, deploy, translate and support SAP NetWeaver solutions

Eclipse is at the core of the SAP NetWeaver application development lifecycle