



SAP NetWeaver™ &
Enterprise Services
Architecture


Market Strategy, Technology
Denis Rousseau

THE BEST-BUY BUSINESS IS BUYING SAP 

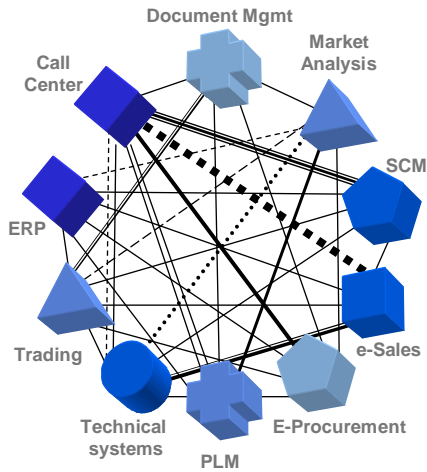
SAP NetWeaver™ and ...

... Enterprise Services Architecture

- Business Drives Technology
- Enterprise Services Architecture
- SAP NetWeaver Overview
- SAP NetWeaver Details
- Conclusion and FAQ

© SAP AG 2002, Title of Presentation, Speaker Name 2 

Integration is the Key Challenge



Business Drivers

- Extended Value NetWork
- Increased Market Dynamics

Integration costs are high

- Lots of heterogeneous systems
- Long integration projects
- IT environments become increasingly rigid

Pressure on IT increases

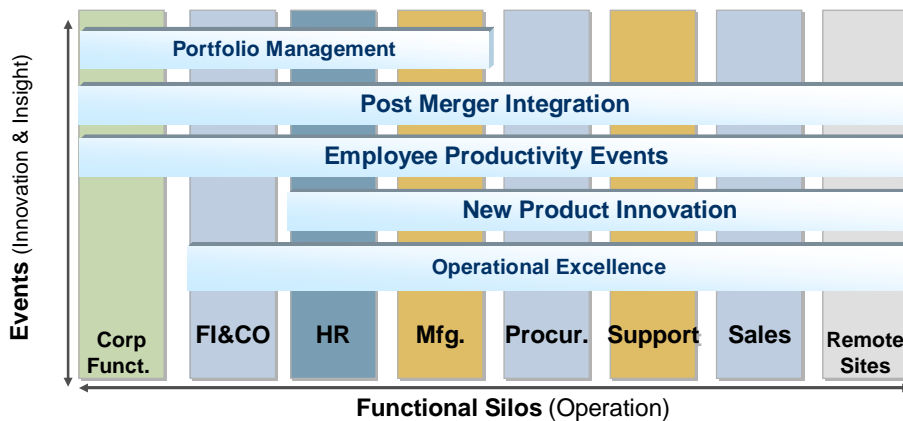
- Must leverage existing investments
- Must support new business processes quicker
- Must reduce total cost of ownership (TCO)

© SAP AG 2002, Title of Presentation, Speaker Name 3

THE BEST-RUN BUSINESSES RUN SAP



Extending the managed Business Process The Cross Functional processes

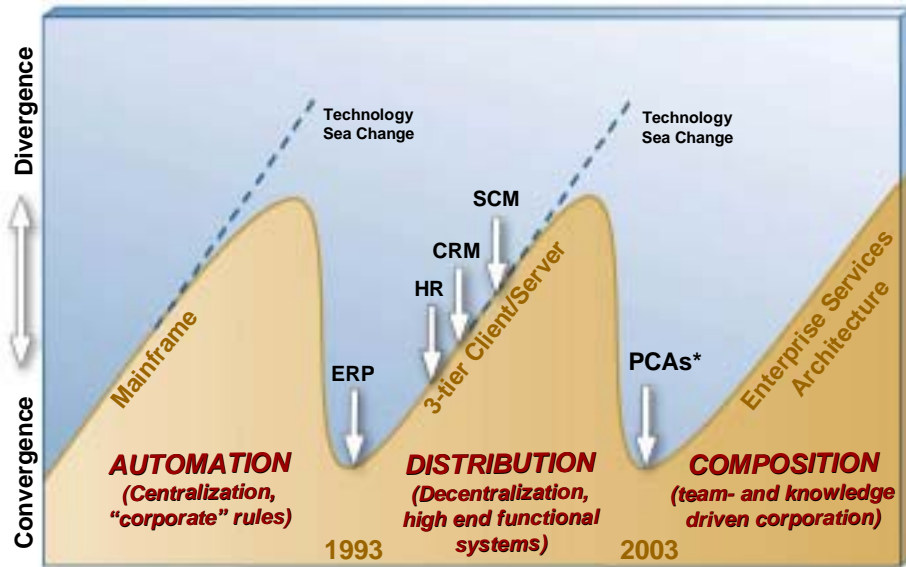


© SAP AG 2002, Title of Presentation, Speaker Name 4

THE BEST-RUN BUSINESSES RUN SAP



See the Technology Sea Change Ahead
Get ready for the next bold move - From Replace to Reuse



PCA* = Packaged Composite Application (as delivered through SAP xApps)

© SAP AG 2002, Title of Presentation, Speaker Name 5

THE BEST-BUY BUSINESS IS WITH SAP



How to Address the Integration Challenge



Reduce complexity

- Minimize the number of connections through hubs
- Use only 1 platform to integrate all people, information, and systems

Reduce custom integration

- Deliver .NET and J2EE interoperability
- Deliver adaptors for ISV products
- Deliver products, not projects!

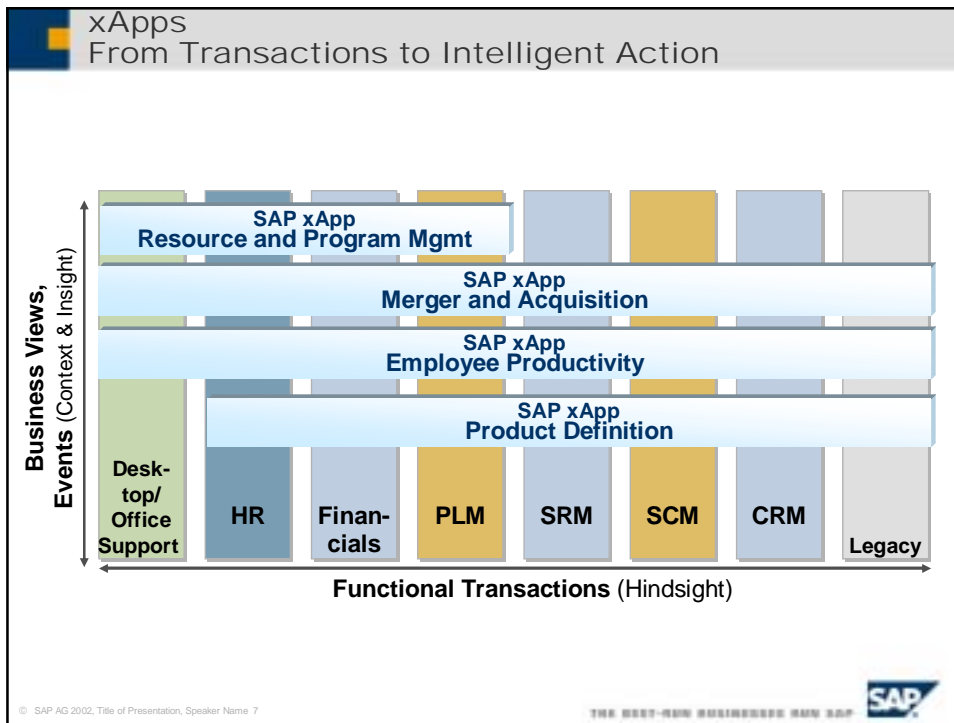
Increase company performance

- Increase ease of use, scalability and adaptability
- Increase business process flexibility by using an Enterprise Services Architecture

© SAP AG 2002, Title of Presentation, Speaker Name 6

THE BEST-BUY BUSINESS IS WITH SAP





SAP NetWeaver™ and ...

... Enterprise Services Architecture

- ➔ Business Drives Technology
- ➔ Enterprise Services Architecture
- ➔ SAP NetWeaver Overview
- ➔ SAP NetWeaver Details
- ➔ Conclusion and FAQ

© SAP AG 2002, Title of Presentation, Speaker Name 8

THE BEST-BUY BUSINESS IS WITH SAP

Enterprise Services Architecture (ESA)

Make Web Services work for your business

Objective

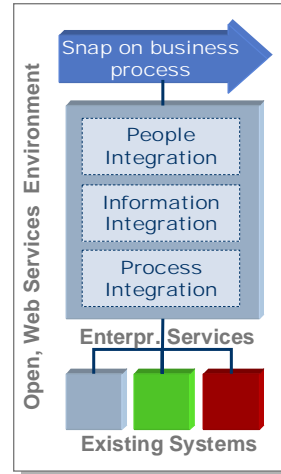
- Add new levels of flexibility and extensibility while leveraging existing investments

ESA is the blueprint for complete and services-based business solutions

- Empowers all participating people (internal and external, all relevant roles)
- Manages all information (structured and unstructured)
- Encompasses all systems (SAP and non-SAP)

SAP delivers its business solutions using an Enterprise Services Architecture

- SAP NetWeaver implements an ESA
- SAP xApps, mySAP Business Suite, custom solutions are powered by SAP NetWeaver



© SAP AG 2002, Title of Presentation, Speaker Name 9

THE BEST-BUY BUSINESS IS SAP 

SAP NetWeaver™ and ...

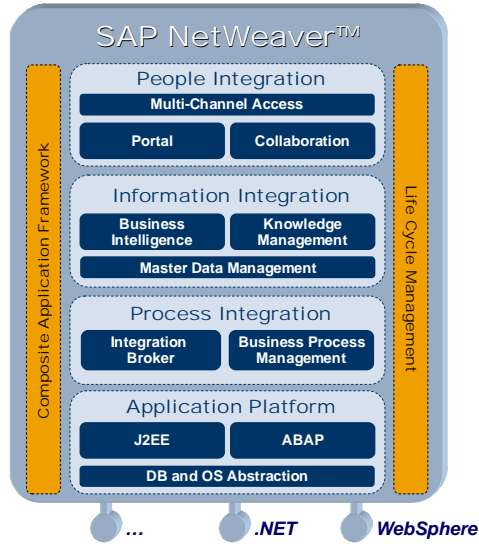
... Enterprise Services Architecture

- ➔ Business Drives Technology
- ➔ Enterprise Services Architecture
- ➔ SAP NetWeaver Overview
- ➔ SAP NetWeaver Details
- ➔ Conclusion and FAQ

© SAP AG 2002, Title of Presentation, Speaker Name 10

THE BEST-BUY BUSINESS IS SAP 

SAP NetWeaver™
The integration and application platform for lower TCO



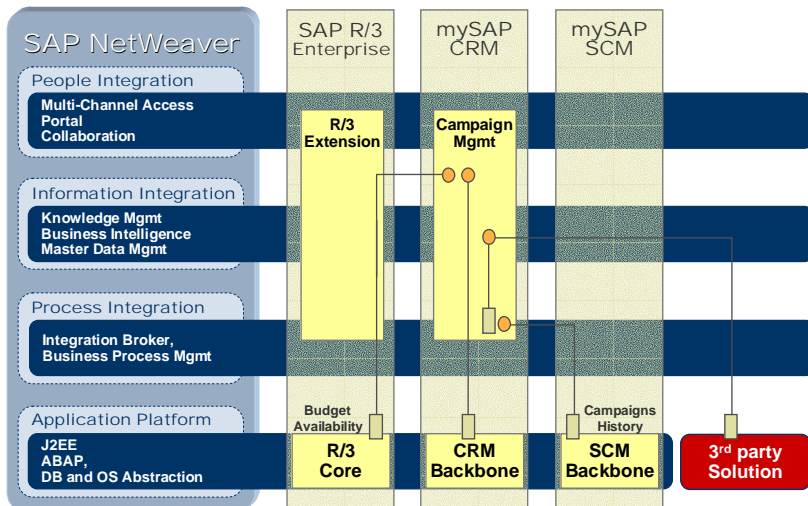
Unifies and aligns people, information and business processes

- Integrates across technologies and organizational boundaries
- A safe choice with full .NET and J2EE interoperability

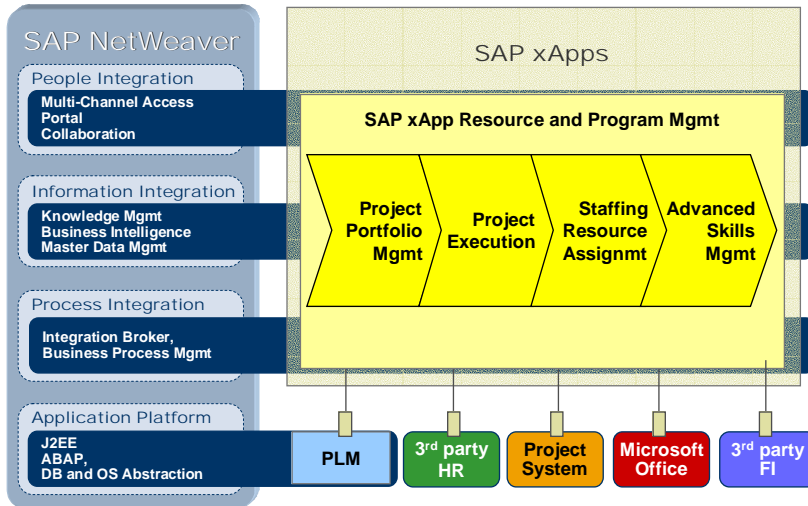
The business foundation for SAP and partners

- Powers business-ready solutions that reduce custom integration
- It's Enterprise Services Architecture increases business process flexibility

SAP Solutions Powered by SAP NetWeaver™
Open integration on all levels for the mySAP Business Suite



SAP Solutions Powered by SAP NetWeaver™ Orchestrating new, cross-functional business processes



© SAP AG 2002, Title of Presentation, Speaker Name 13

THE BEST-BUY BUSINESS IS IN SAP

SAP NetWeaver™ and ...

... Enterprise Services Architecture

- Business Drives Technology
- Enterprise Services Architecture
- SAP NetWeaver Overview
- SAP NetWeaver Details
- Conclusion and FAQ

© SAP AG 2002, Title of Presentation, Speaker Name 14

THE BEST-BUY BUSINESS IS IN SAP

SAP NetWeaver in Detail (SAP Internal View)

Product components and killer features

SAP Mobile Infrastructure

- Tight coupling and alignment with SAP business solutions

SAP Enterprise Portal

- Business packages
- Collaboration

SAP Business Information Warehouse

- Business content
- Tight integration to SAP
- Open architecture (Crystal, Ascential)

Master Data Management

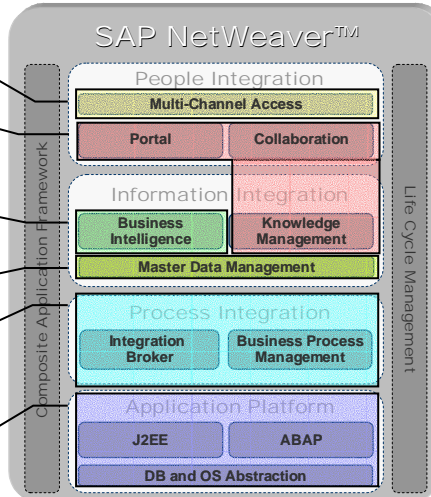
- Coming in 2003

SAP Exchange Infrastructure

- Proxy generation and mapping tools
- Integration directory
- SAP's ability to execute

SAP Web Application Server

- Proven, scalable, comprehensive toolsets
- Leverage existing infrastructure/skillsets



© SAP AG 2002, Title of Presentation, Speaker Name 15

THE BEST-BUY BUSINESS BUY SAP



SAP Enterprise Portal

Unify and Align People Across Technologies and Organizations

Openness

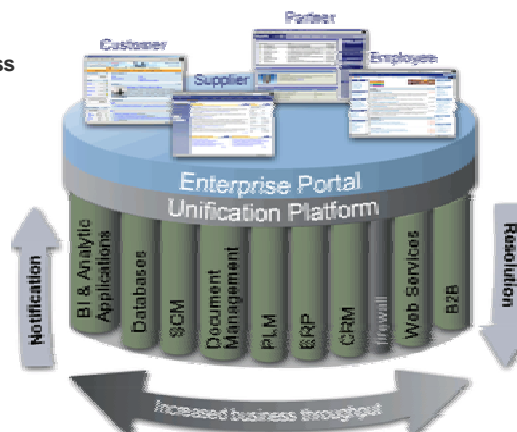
- Any source, any audience
- Interfaces for Java and .NET
- Platform independent
- Extensible Unification across Oracle, Siebel, Psft, SAP, ...

Lower TCO

- Rapid content deployment
- High performance
- Lower development costs
- Simpler to admin

Built for Business

- Business packages
- Role-based
- Robust security
- 500+ customers for EP 5.0 in the last 9 months



© SAP AG 2002, Title of Presentation, Speaker Name 16

THE BEST-BUY BUSINESS BUY SAP



SAP Web Application Server Open System Architecture

Shared facilities

- Common connectivity
- Common persistence

Shared benefits

- Multi tier architecture
- Highly scalable and reliable
- Platform independence

Common connectivity

- Different protocols (SOAP, HTTP, SMTP, RFC, FTP)
- Expandable
- Advanced caching

Common persistence

- Database independence
- Scalable transaction handling
- Caching

The diagram illustrates the Open System Architecture of the SAP Web Application Server. It is a multi-tier architecture. At the top, there are two client components: 'Browser / Portal' and '3rd party apps / exchange infr.'. These connect to the 'Internet Communication Manager' (ICM) layer, which is labeled as 'Connectivity'. Below the ICM are two application layers: 'Web Dynpro' and 'J2EE / ABAP', which are connected to the 'Web Services Infrastructure'. The bottom layer is 'Database Abstraction', labeled as 'Persistence', which sits on top of the 'SAP Web Application Server' itself. A small database icon is shown at the bottom right of the server layer.

© SAP AG 2002, Title of Presentation, Speaker Name 19

THE BEST-BUY BUSINESS IS WITH SAP

SAP NetWeaver™ and ...

... Enterprise Services Architecture

- ➔ Business Drives Technology
- ➔ Enterprise Services Architecture
- ➔ SAP NetWeaver Overview
- ➔ SAP NetWeaver Details
- ➔ Conclusion and FAQ

© SAP AG 2002, Title of Presentation, Speaker Name 20

THE BEST-BUY BUSINESS IS WITH SAP

Conclusions and Take Aways

At SAP **Business** drives Technology

SAP will design **ALL SOLUTIONS** to run on an Enterprise Services Architecture

SAP NetWeaver is the technical foundation of our future **SUCCESS**

SAP remains the **SAFEST BET** for the customer

Customers have budgets dedicated to solve their integration issues. We sell **TODAY**

© SAP AG 2002, Title of Presentation, Speaker Name 21

THE BEST-BUY BUSINESS IS WITH SAP



Thank You!

Ready for Questions?

THE BEST-BUY BUSINESS IS WITH SAP

