

Composite Applications - create extra business value from your IT assets!

Today's challenge is to improve business user productivity by making use of existing software assets.

Business users need to gain control over all processes within the enterprise, but also across the whole value chain.

Composite applications do support this by combining existing systems and automated process management.

The support for building and managing these composite applications is a built-in feature of modern middleware; it is there and should be used to gain competitive advantage.



Source: IBM

Business Capability ⇌ Collaboration ⇌ Composite Application ⇌ Service ⇌ Infrastructure

Manage Your Value Chain

Most industries have been doing business for a long time. What has changed is the pace of business and the increasing need to work with partners.

Companies that can adapt and integrate easily with the changing partners are the winners in today's business. They will be able to design and control the overall value chain and lead their partners in the global collaboration.

By integrating and managing processes across functional and company borders, these companies create new value for their customers.

Use Your Assets

The good news is that this does not mean that you need to completely overhaul the way you operate and specifically the way your IT applications work.

Instead you will (re)use the full potential of your current business support systems in changing contexts, by:

- Opening/eliminating application silos
- Describing the existing systems' functionality as reusable services
- Using these services in new business processes support systems
- Creating new value chain management systems

Use your Middleware

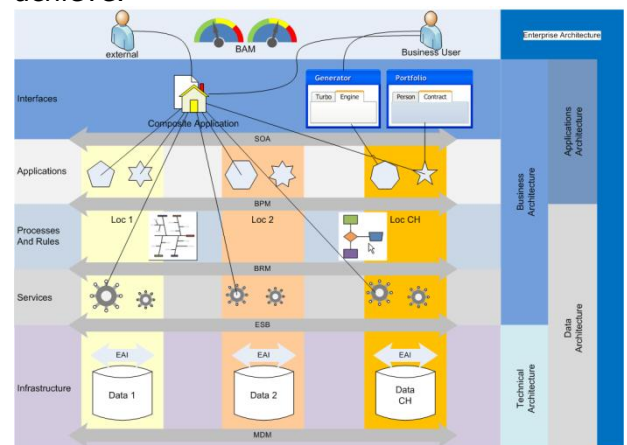
Application vendors have become application platforms vendors and provide a lot better integration capabilities than they used to in the past.

Dedicated integration platforms and tools provide additional technical capabilities for managing cross-platform integration and business-to-business integration.

These investments do of course diminish the cost of integration and change.

But often these technical capabilities are used only by the IT department for their technical purposes and are not leveraged into creating new business capabilities and new business value.

This is what composite applications will achieve.

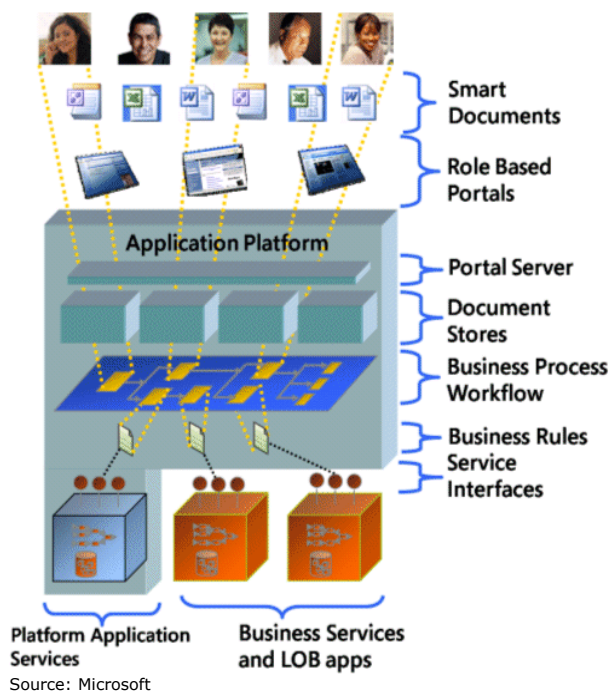


Composite Applications

Composite applications deliver new business capabilities by assembling and recombining existing IT components and services instead of building them from scratch.

They combine the capabilities of the following technologies:

- Business Process Management (BPM)
- Business Rules Management (BRM)
- Business Activity Monitoring (BAM)
- Complex Event Processing (CEP)
- Portal Technology / Mobile Device
- Service Oriented Architecture (SOA)
- Enterprise Service Bus (ESB)
- Master Data Management (MDM)



Web Applications and Mash-ups

Mash-ups are a special form of composite applications and are based purely on Webtechnology. They have the same pre-requisites as any composite application.

Architecture work required

As with all technology, there are many ways how to use integration capabilities and how to build composite applications.

A simple prototype of proof-of-concept can of course be built easily without a lot of planning.

But once composite applications are the enterprises choice for reusing its IT assets, the technology choices have to be reduced to a manageable set (architecture) and the most important connectivities to be engineered into a form, that can easily be reused by developers and supports easy operations (blueprints).

t2b's Offer

t2b's experience in enterprise architecture management, integration and application architecture is the foundation of t2b's composite application offer.

We will help you identify candidates for composite applications during business engineering workshops. We will help you to keep your focus to the intrinsic business processes and to ignore the current limitations set by application silos' - and their support and consulting teams. Thereby you will be able to define the best process for your business.

t2b will deliver that process to you - and orchestrate your different application teams to create business value across application borders.

t2b offers a professional, experienced and verified implementation method for composite application:

Define	Design	Develop	Deploy
<ul style="list-style-type: none"> • Analyze IT architecture capabilities • Legal and government requirements 	<ul style="list-style-type: none"> • Identify and catalogue core business processes • Business case and scope 	<ul style="list-style-type: none"> • Optimize business process map / specification • Implement best candidate 	<ul style="list-style-type: none"> • Gain user and management experience and loop back

Ask t2b!

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