Campus Days
14.-16. januar 2010

O-16
Office Business Applications

Bridging the results gap

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Agenda

- Is it a bird?
- Concept and value
- Scenarios and demos
- Deployment
- How to get started

Speaker intro

- Senior Solution Architect
- Freelance SharePoint consultant for 1½ y
- With Digital/Compaq/HP for 8y
- With NNIT for 3y
- Focus on Knowledge Mgt. area

Is it a bird?

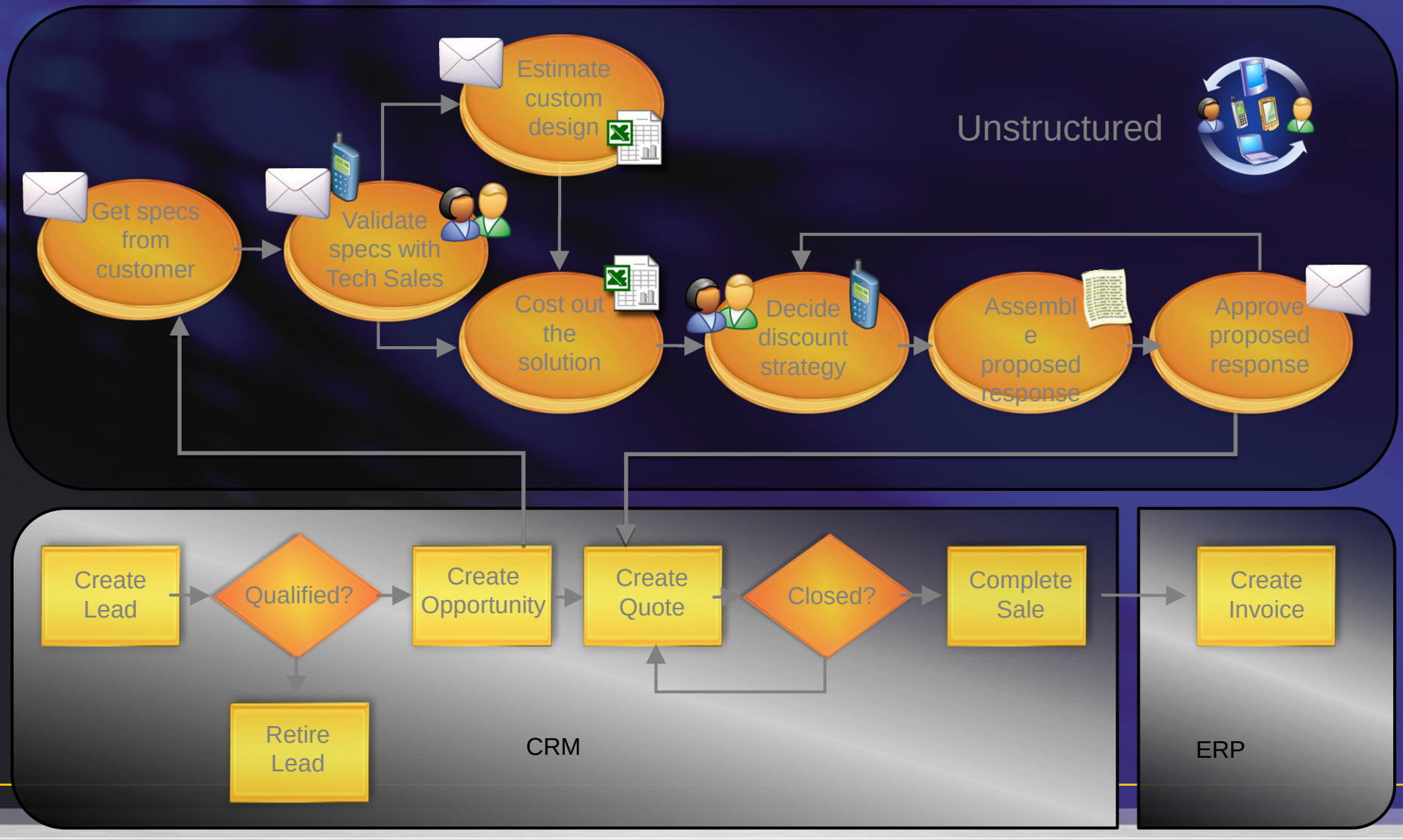
- Is it a product?
- Is it a platform?
- Is it a concept?
- Is it marketing?

OBA short

OBA is about connecting business applications with people using their favorite tool:

Office

Info Worker real world



OBA benefits

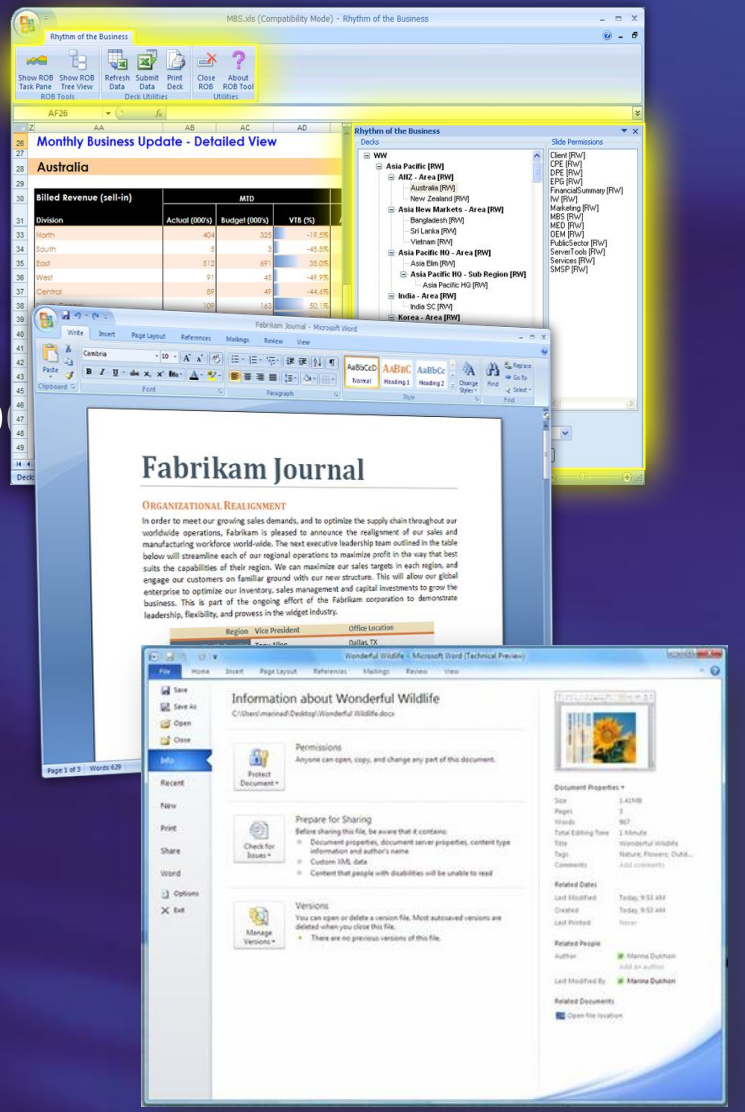
- In context
- Intuitive
- Leverage existing investment in Office
- Less training required

Meta applications

- SOA architecture – systems as services
- Discrete resources collected to one app
- Interact with people the way they work
- OBA delivers in context of the end result

Client Platform

- Open XML file formats
- Extensible, results-oriented Ribbon UI
- Application-level add-ins, managed co
- Outlook object model & form regions
- Office 2010 Backstage
- Content placeholders



Scenario 1 – ref. manager

- Client situation:
  - OLD desktop application, single user
  - Download file with metadata from PubMed
  - Bind to document in Ref. Mgr.
  - Fileshare based
  - Integration with Word for references (only one user at a time)
- What I did
  - Moved documents to SharePoint
  - Integrate with PubMed using WS – ItemUpdated
  - Word AddIn for references

DEMO

What I used

- SharePoint 2010
  - Content types, list event handler, web parts
- Word
  - Add In, SharePoint client object model
- Visual Studio 2010
  - Templates for both parts

Scenario 2 – Project reporting

- Client situation
  - Use word template to report status on projects
  - Hard to get overview for quarterly reports
  - Considered to use Database instead
- What I did
  - Alter the template to use content control
  - Added an Issue Style
  - Use OpenXML SDK to create a PowerPoint presentation

DEMO

What I used

- SharePoint 2010
  - Document library
- Word
  - Template w. content controls and styles
- OpenXML SDK 2.0
  - Linq for Office, SDK tools
- Visual Studio 2010

Scenario 3 – readable audit trail

- Client situation
  - SharePoint cannot be used for compliant solution due to non readable audit trail
- What I did
  - Add a backstage application exposing the audit trail for the document

DEMO

What I used

- SharePoint 2010
  - Document library, policy for audit trail enabled
- Office 2010
  - Backstage extension for readable audit trail
  - Client Object Model
- Visual Studio 2010

Deployment and security

Admin part

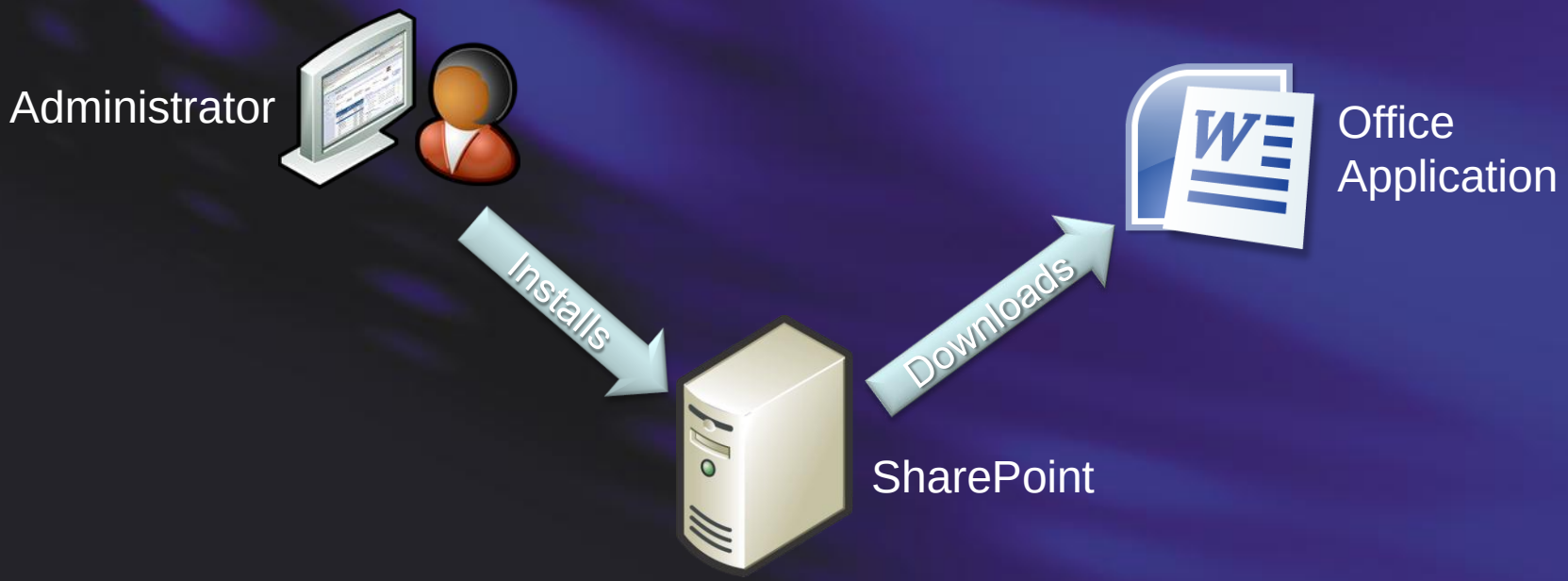
- Relatively complex
- Decide on method
  - Msi package
  - FileShares
  - SharePoint
- Decide on security model
  - Signed, trusted locations
  - Group Policy

End User part

- Seamless (allmost)
- ClickOnce
- Easy upgrades
- Integrity verification

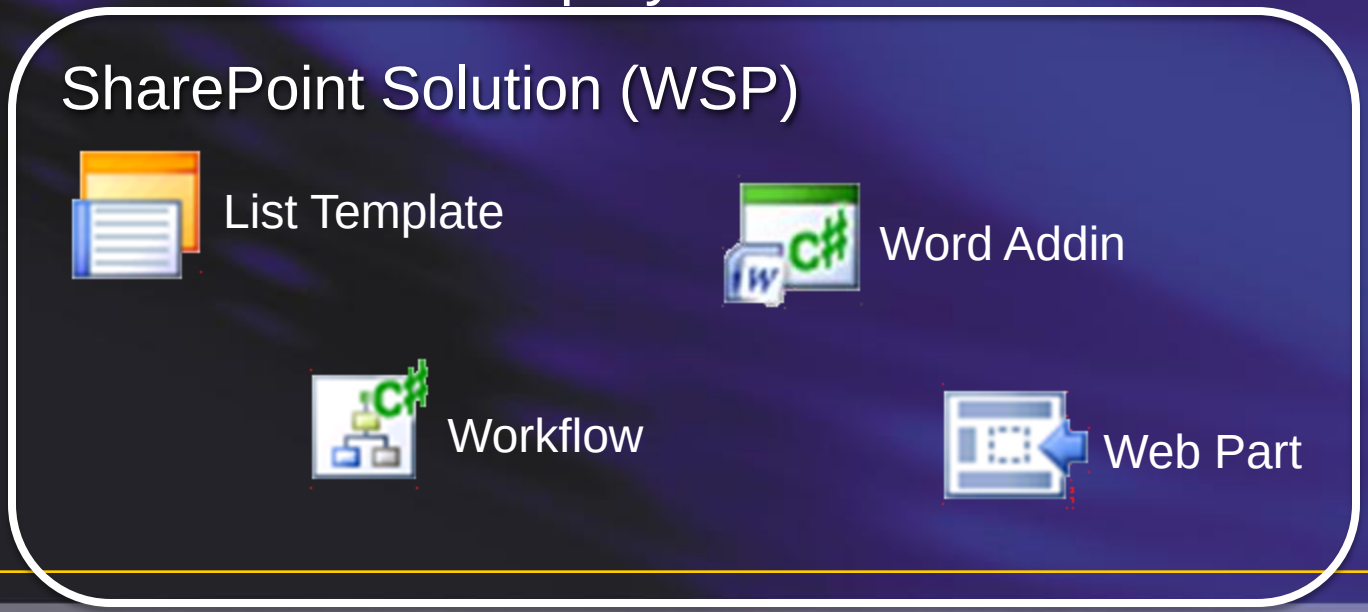
Deployment and Security

- Admin deploy to SharePoint
- End user download and deploy to client



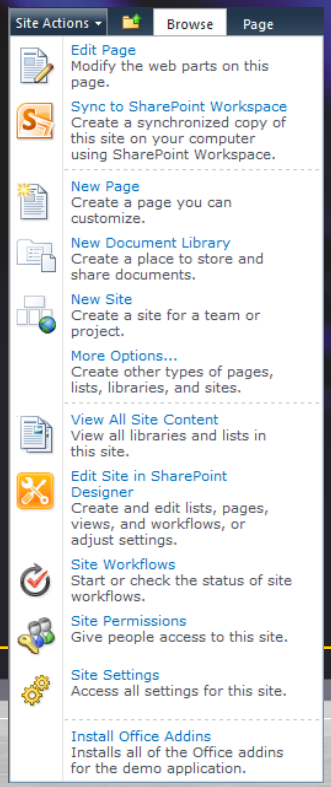
Deploying Complete Applications

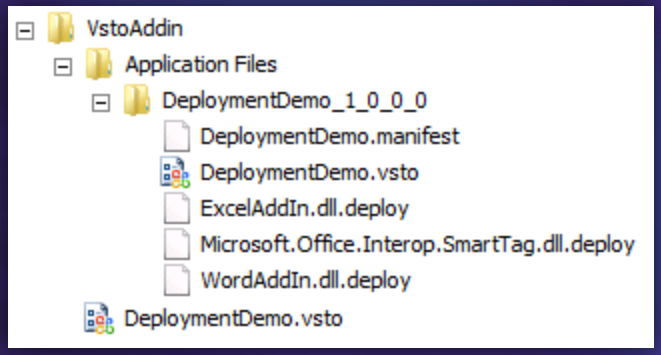
- Applications are more than just addins
  - Many WSS items are often used
    - Content Types, List Templates, Workflows, etc…
  - Addins should be deployed with other items



Deploying Addins in SharePoint

- Not tied to a specific document type
  - Attached to a feature
  - Initiated by a link or button





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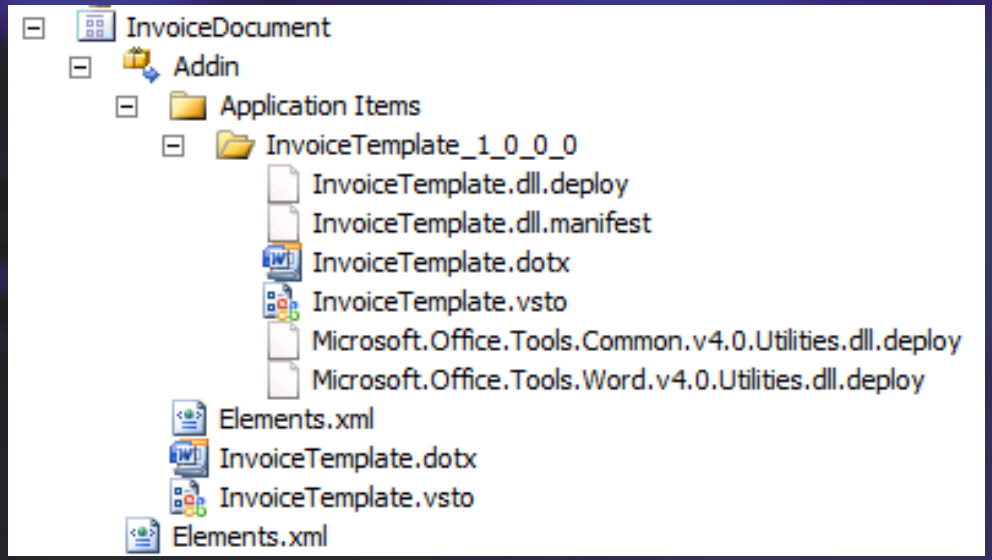
Deploying Document Templates

- Deployed as part of a Content Type
  - Document and Addin deployed as well
  - Deployed in _cts/[Content Type] folder



Wear sunscreen[1]

- OBA *IS* smart and have great business value
- 2010 Offers a broad suite of possibilities
- Deployment is easier compared to earlier

Start with the obvious winners!

[1] Mary Schmich, published in the *Chicago Tribune*, 1997.

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THANK YOU!

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