



Introducing:
MashPoint

A Breakthrough in Data Integration for SharePoint

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Bamboo – Before SharePoint...

- Started in 1996
- Early focus on collaborative document management and information management
- Flagship product, WD3, still in use today
- WD3 Features
 - Flexible meta-data creation
 - Document storage and full versioning
 - Customizable workflow tool
 - Security down to data item level

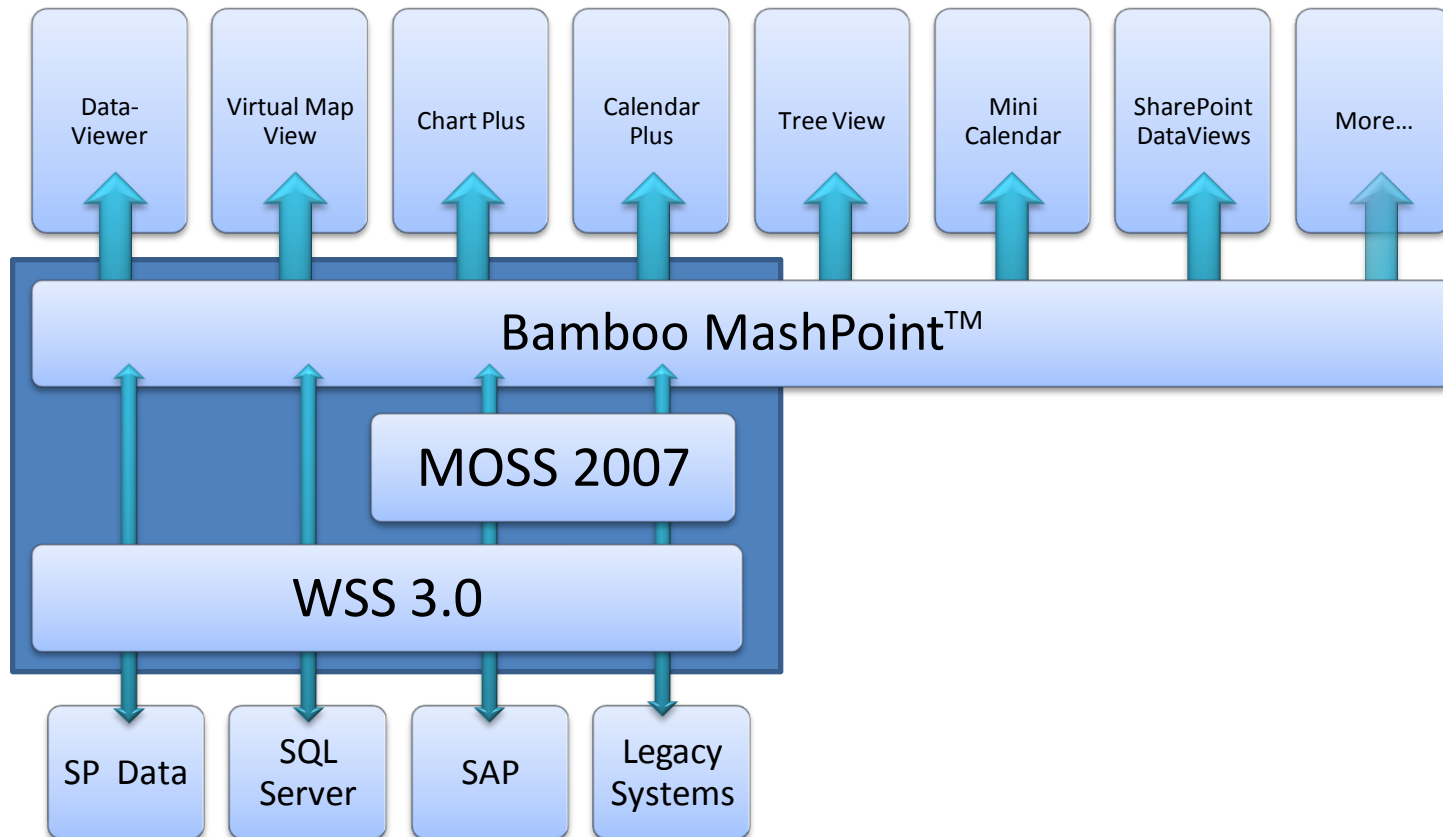
Bamboo Meets SharePoint

- New WD3 competitor
- Adopted for use as a platform for building custom applications
- Experiences launch Web Part and SharePoint based products business
- Online Storefront goes live on 11/15/2005
- Currently the largest provider of individual Web Parts in the world
 - 40+ Products for SharePoint with 3,500+ unique customers
 - All downloadable for free 15-day trials
 - Licensed and priced per physical server
- Product line contains offerings for data consolidation, presentation, migration, and administration
- Community driven recursive development process

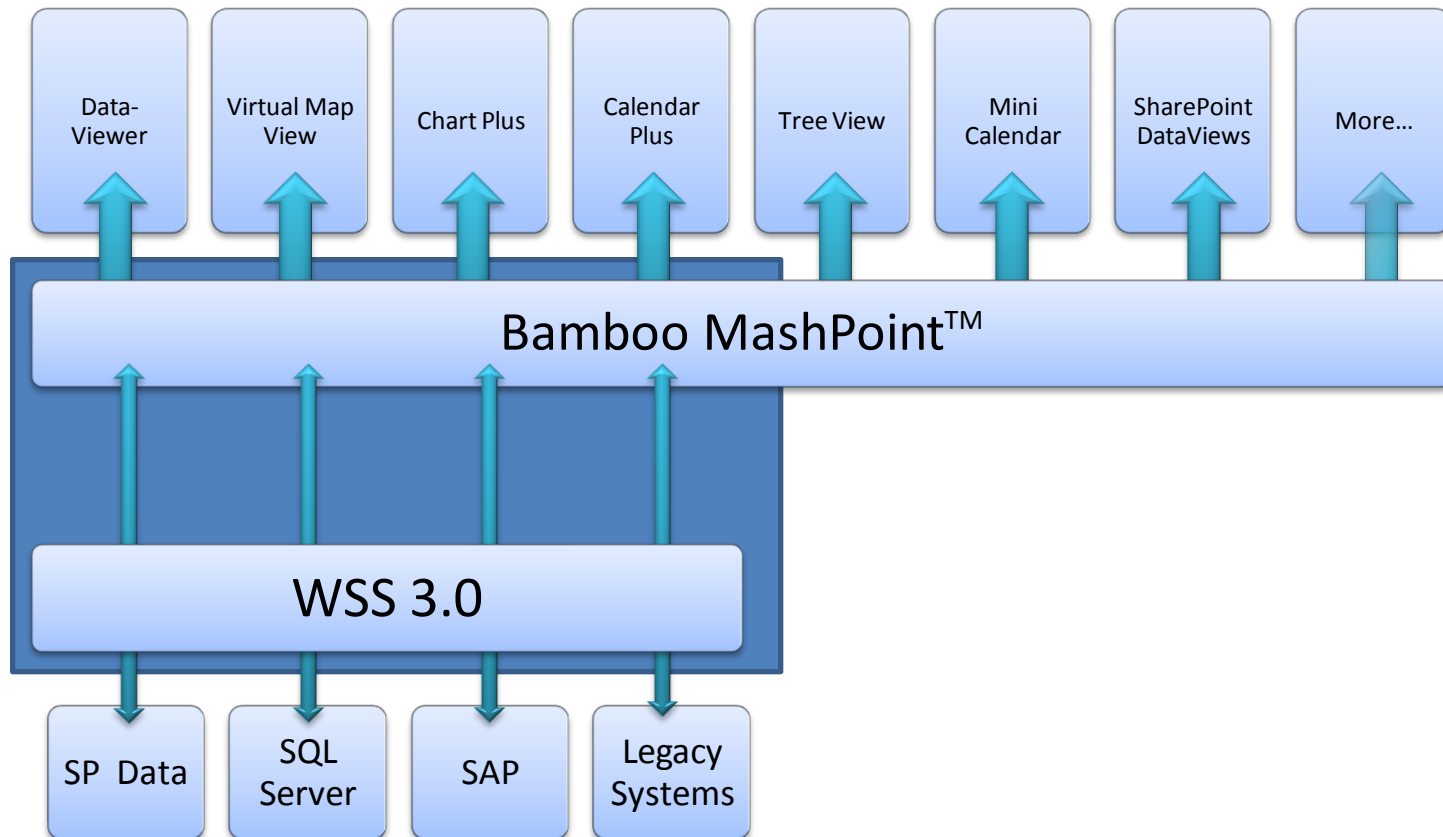
What is MashPoint?

- MashPoint is a new, FREE platform from Bamboo® that enables integration of external data sources in MOSS *and* WSS.
- “Mashups” + SharePoint = MashPoint
 - “Mashup” data from SharePoint and external data sources. MashPoint supports common data sources such as SQL Server, Oracle DB, OLE DB. You can use it with any business data system supported by a Data Definition file. This includes any Custom Provider you build using the BDC architecture.
 - Data sources connected to SharePoint with MashPoint can be displayed by Bamboo’s Data-Viewer Web Part and Virtual Map View Web Part. More MashPoint enabled Web Parts from Bamboo are coming soon.

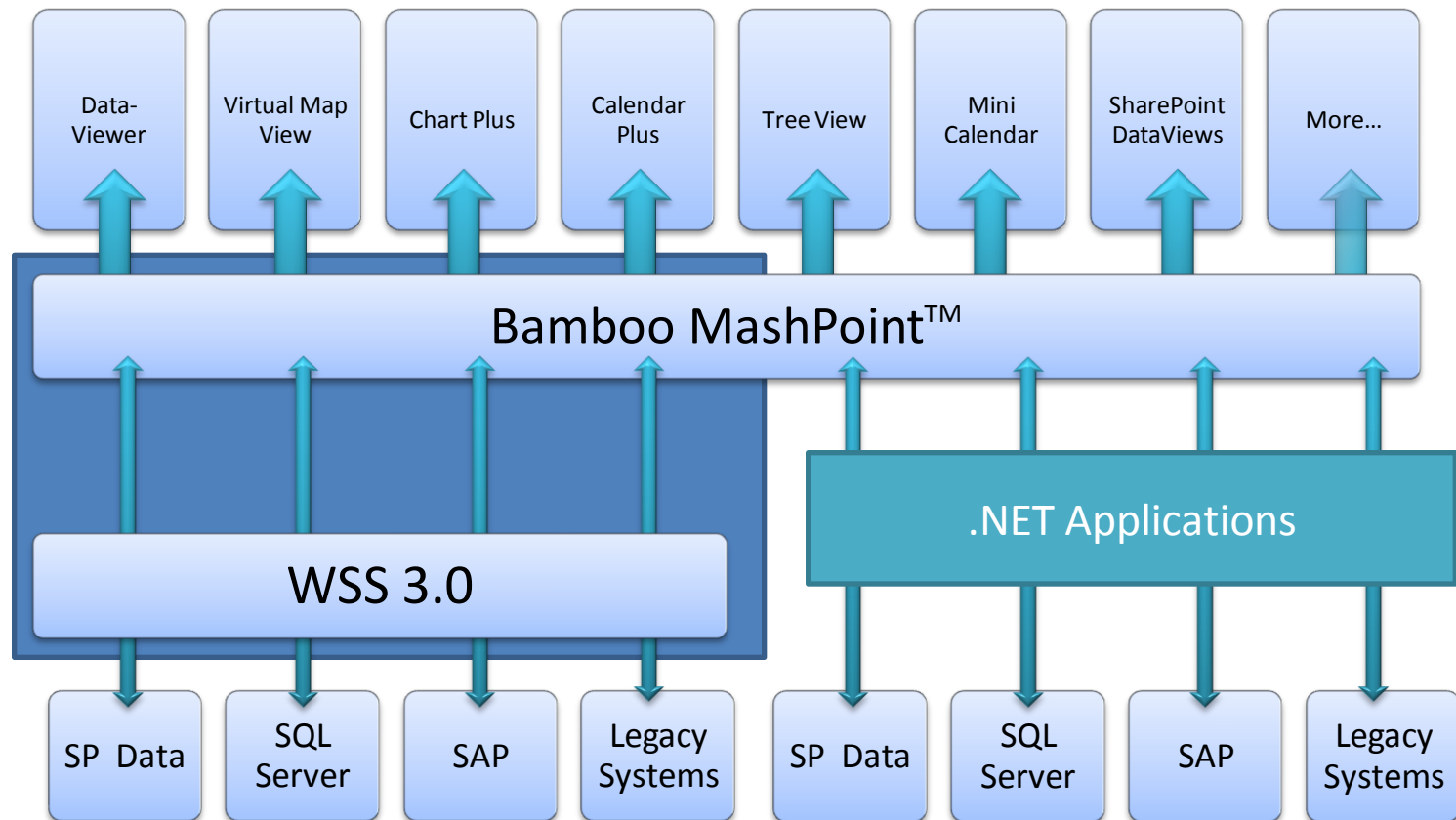
Bamboo MashPoint™ Architecture 1/3



Bamboo MashPoint™ Architecture 2/3



Bamboo MashPoint™ Architecture 3/3



How Does MashPoint Work?

- MashPoint emulates the BDC by providing Bamboo Shared Services that are installed in the SharePoint Central Admin tool. MashPoint reads the metadata database that describes the interface to the external business data system, and provides that data to applications or Web Parts that are built to consume data from the BDC.
- MashPoint uses the same exact architecture as the Microsoft BDC to consume data.
- The metadata database is created by a BDC Application Definition file. The BDC Application Definition file contains an XML schema describing the methods and entities you want to access from the external data source. The Application Definition file is then loaded into the Bamboo Shared Services Provider via the Central Admin interface. Once loaded and registered, the defined methods can be executed by an application using the standard BDC Object Model interface.

What Can You Do with MashPoint Today?

- On a MOSS platform, you can:
 - Use an existing BDC Application Definition file to access data from the business data source.
 - Use the [Bamboo Data-Viewer Web Part](#) or the [Bamboo Virtual Map View Web Part](#) to access and display data from either BDC or MashPoint.
 - Use any existing application that consumes data from the BDC to consume data from MashPoint
- On a WSS v3.0, you can
 - Do everything listed above!

MashPoint FAQs

What version of SharePoint does MashPoint support?

MashPoint supports Windows SharePoint Services 3.0, MOSS and MOSS Enterprise.

With what type of backend data or services will MashPoint work?

MashPoint works with databases (e.g. ODBC, SQLServer, OleDb, Oracle), Web Services and CustomProviders.

Does MashPoint support Actions, Search, and User Profiles?

MashPoint supports custom Actions, but does not currently support Search or User Profiles.

Compared to MS BDC, what features are not available in the first Beta release of MashPoint?

- No Export of Application Definitions
- No Editing/Adding of custom Actions from the Web UI
- No Bamboo SingleSignOn provider exists, but if you're running (non-Enterprise) MOSS, you can use MS SSO
- No Integration with UserProfiles unless MashPoint is running on top of the BDC.

MashPoint FAQs

Can I create a List Column or Site Column based on a MashPoint entity?

Yes, but creating a List Column or Site Column based on a MashPoint entity will require coding a custom column.

Does MashPoint support the entire metadata model that BDC supports?

The Beta1 MashPoint release does not support the entire metadata model supported by the BDC.

What application files are available today?

The following application files are available today:

- All BDC Application Definitions are supported provided they do not use ProfileFilters or other unsupported features;
- AdventureWorks Sample;
- Amazon Web Services Sample
- MS CRM

Does MashPoint work with application definition files generated by BDCMetaMan or MS Definition Editor?

Yes, MashPoint works with application definition files generated by both BDC MetaMan and MS Definition Editor.

Do Bamboo Shared Services work with multiple WSS Web Apps in a farm?

Yes, Bamboo Shared Services work with multiple WSS Web Apps in a farm.

The MashPoint Roadmap – What's Next?

Beta2 – July 15, 2008:

- Bamboo Single-Sign-On Provider - Enable automatic authentication to external systems within the Windows SharePoint Services (WSS) environment.
- Chart Plus, Calendar Plus Web Part support

Beta 3 – August 15, 2008

- Full 1-1 mapping of BDC API, except User Profile support on WSS
- Enhanced Security Support
- Tree View, Mini-Calendar Web Part support

R1.0 – October 1, 2008:

- Provide a relationship between entities that allows you to map the same entities between various systems. For example, you can specify that a record from the Sales Accounting system is the same entity as another record from the HR system.

How do I get MashPoint?

- Available as a free download from Bamboo Nation community site:
 - Community.bamboosolutions.com