



zed B1WebAPI Overview

zedIT Solutions Software Suite
www.zedsuite.com





zed B1WebAPI Product Overview

1.1 What is the zed B1WebAPI?

Framework – It's a framework for building custom web applications that integrate seamlessly with Business One. Supports SOAP based web services or more simplified REST based XML.

Advanced Plumbing - To move data between SAP Business One and a web application.

Flexible, Configurable Interface - Flexible, configurable and resilient to changes in functionality. User driven through queries in SAP Business One.

Low Cost of Ownership - Does not require an SAP Business One license to run functionality.

No Synchronization - Real time access to data via queries.

Data Integrity - Uses SAP Business One APIs to ensure all business logic is followed.

Deployment Options - Web applications can be hosted externally or internally.

1.2 Product Features

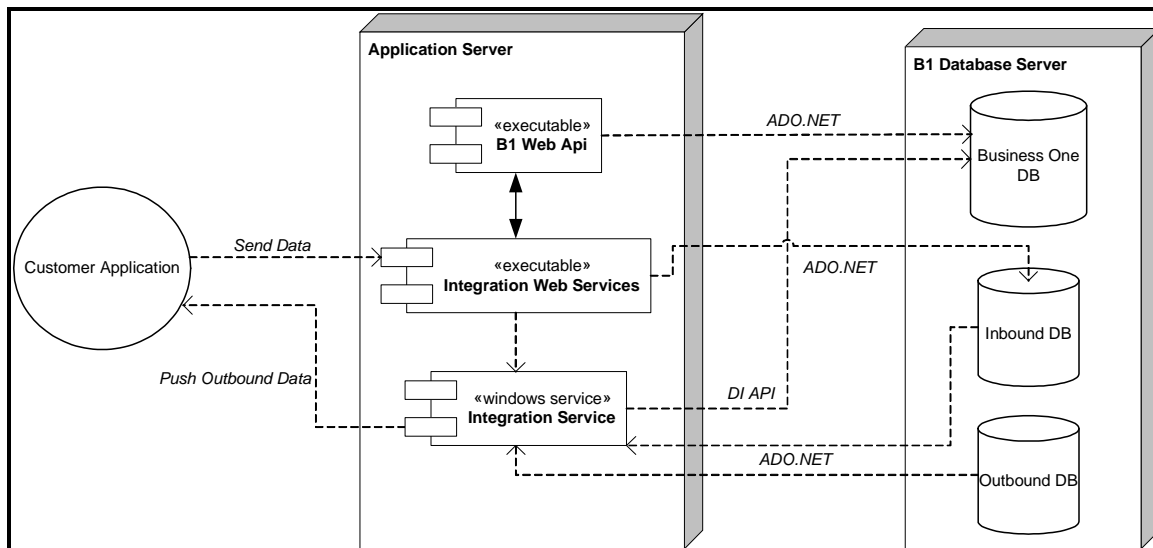
- Customer requests can be formal SOAP based web services or more simplified REST based XML.
- Application Server never stores any financial information. All information is retrieved from SAP Business One database as required by customer.
- Supports both real time and asynchronous communications with the Business One Database system.
- B1WebAPI creates/updates documents in SAP Business One using the DI API provided by SAP based on the captured XML information.
- B1WebAPI Integration Service add-on contains an Inbound/Outbound database that allows for manual intervention if required as specified by the application configuration.
- B1WebAPI Integration Service add-on can push outbound data to web application as required.





Architecture and Technical Specifications

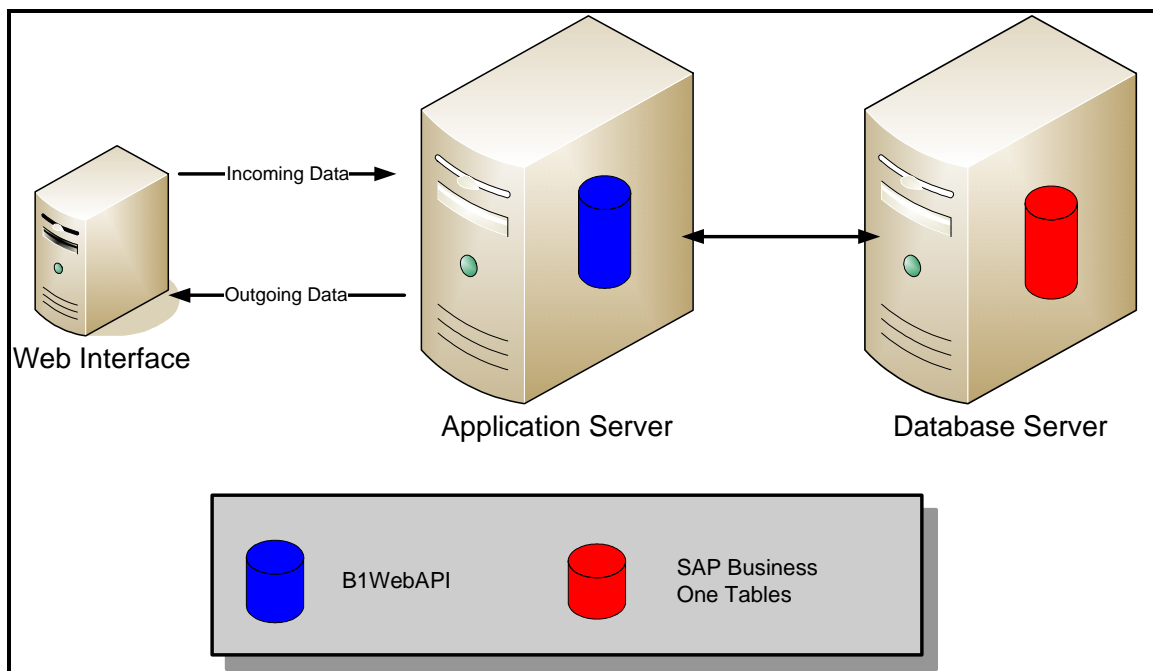
1.3 Integration Architecture



- Application Server runs IIS web server and Microsoft.NET framework.
- Database Server runs SAP Business One and SQL Server 2005.
- B1WebAPI platform is implemented to enable real time information retrieval from SAP Business One using Microsoft.NET ADO record sets, queries and XML.
- B1WebAPI contains custom XML envelopes to encapsulate XML documents and query information into a standard, reusable structure.
- B1WebAPI Integration Service add-on installed as a Windows Service to allow for asynchronous communication with Business One via inbound/outbound queue.
- DI API is installed on Application Server to enable the zed B1WebAPI to communicate with SAP Business One via standard SAP Business One business logic.



1.4 Deployment Architecture



The **Web Interface** can be Internet Explorer, Firefox or just about any internet enabled device.

The **Application Server** must be hosted internally on the same network as the SAP Business One Server. Running on the application server is zed B1WebAPI and the DI-API used to communicate with SAP Business One. zed B1WebAPI provides a foundation for extensive scalability and growth.

The **Database Server** is the SAP Business One server.

