

**Interface Certification based on  
ICC Integration Assessment  
Test Report**



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## **Interface Certification #15753065**

**SAP Interface incl. Release:** SAP ERP Central Component 6.0  
**SAP Product incl. Release:** SAP ERP Central Component 6.0

**Hardware used for SAP test system:** PC-Pentium  
**Operating System of SAP test system:** Windows 2003

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**Name of Vendor:** AdapChain Inc  
**Vendor Number (SAP internal):** 12869575

**Vendor Product Name:** AdapLink Planner  
**Release Vendor Product:** 1.0  
**Vendor Product Number (SAP internal):** 9250352

**Vendor Interface Software Name:** AdapLink  
**Release Vendor Interface Software:** 6.0

**Hardware used for Vendor Test System:** PC-Pentium  
**Operating System of Vendor Test System:** Windows 2003

**Certification Date:** September 14, 2011  
**Expiration Date:** September 13, 2014  
**Location:** Bangalore

**Persons present - Vendor:** Ranjan MR

**Persons present - SAP:** Vikas Marwaha

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### **Certified Functions:**

- Upload planned supply data to SAP through BAPIs
- Upload planned independent demand data to SAP through BAPIs
- Download stock requirements list from SAP through BAPIs
- Compile planning situation overview in Excel worksheet based on SAP data
- Solution Manager Ready

## 1. Vendor Company and Product Information

<b>Product information</b>	
Product web page:	www.adapchain.com
Which releases of the SAP Business Solutions does the third-party's software support? Please name the corresponding version of the software.	<input type="checkbox"/> R/3 3.1 corresponding version of vendor product:
	<input type="checkbox"/> R/3 4.0 corresponding version of vendor product:
	<input type="checkbox"/> R/3 4.5 corresponding version of vendor product:
	<input type="checkbox"/> R/3 4.6 corresponding version of vendor product:
	<input checked="" type="checkbox"/> SAP R/3 Enterprise 4.7 corresponding version of vendor product: 1.0
	<input checked="" type="checkbox"/> SAP ECC 6.0 corresponding version of vendor product: 1.0
	<input type="checkbox"/> other corresponding version of vendor product:
For which databases is the software available?	N/A
On which server platform(s) does the software run?	
What operating system(s) does your software support?	Windows 7/Vista/XP

## 2. Functional Overview

Supported Functions and Business Processes – General Description	
<p>Overview on the functionality and the purpose of the third-party product.</p>	<p><b>Introduction</b></p> <p>Many supply chain planners in small and large organizations today rely on home-grown MS Excel applications for the day-to-day planning tasks. There are many reasons for this, but key among them is the general flexibility provided by excel, the ease of adding comments or annotations and of course the ability to control exactly what material/plant combinations that should be included in the plan. The problem with many of these applications is that they typically are stand-alone in the sense that there is no integration to the transactional backbone of the enterprise. Data like current inventory, open sales orders and already firm production and purchase orders is typically manually replicated between the planners files and the enterprise ERP system. This manual replication is time-consuming, costly and very error-prone often leading to costly mistakes.</p> <p>For example, if the company suddenly receives a large order from a customer, but the order doesn't get replicated into the planners tool, then the supply plan may be insufficient to cover the order which ultimately leads to lost sales, unhappy customers and lost profit. The opposite scenario can be equally problematic. Imagine a supply planner focusing on meeting a very large customer order not recognizing that the order was cancelled or maybe was shifted to a different product. While the planner thought he was getting ready to deliver to an important customer he was really building inventory while the real customer demand for other products was being neglected.</p> <p>Obviously, <b>Supply chain planning</b> is important to a company's success, and as these examples illustrate supply chain planning has to be integrated with the enterprise transactional system to ensure that planning always is done based on the most up-to-date information. Poor planning will result in a loss of profits and/or revenue while accurate planning allows the company to operate smoothly and to minimize expenses. The question then is how to more effectively create supply chain plans that are both integrated from a data perspective and allows the planners to use the flexible tools they prefer.</p> <p><i>AdapChain has developed the "AdapLink Planner" integrated to SAP through Adaplink to address this challenge.</i></p> <p>The developed scenario gives the flexibility to a planner to visualize the current facts about inventory, firm demand and firm supply. The planner can then suggest future demand (forecast) and supply (planned orders) and send that to SAP, thus helping the business to maintain a desired level of inventory to meet the demand.</p>

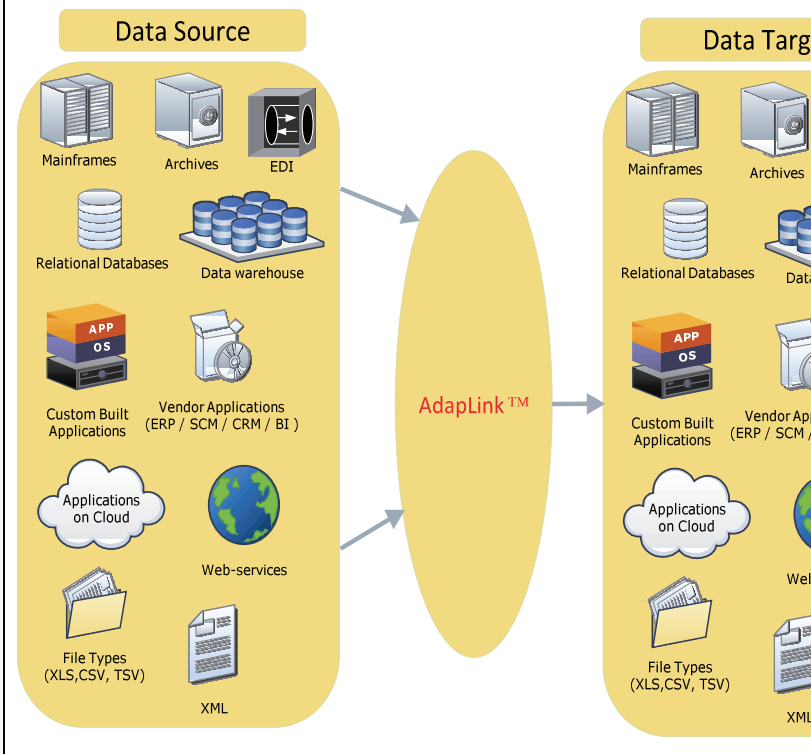
### 3. Performance

#### 3.1 Performance and Scalability

Overview on the architecture and design of the third-party product including performance and scalability.

AdapLink is AdapChain’s proprietary Rules Based integration and data management tool and a key element in our service oriented business model.

- AdapChain through AdapLink, is able to resolve Data Management and Integration challenges faced in many projects with a level of quality, speed, and cost effectiveness that few have imagined possible.
- Rules Based AdapLink toolset offers high performance interfaces to connect and transform data from different systems and platforms. At the heart of the platform is the “business-rules-engine” that has incrementally been improved through more than 15 years of R&D and customers / partners feedback.
- AdapLink is developed under Service-client model.



#### 3.2 Quality Assurance

Overview on Quality Assurance procedures by the third-party vendor to assure

AdapLink has been developed under standard software practices complying to strict software quality that assures that the standards, processes, and procedures are appropriate for the project and are

that the interface design and performance consistently conform to specified requirements.

correctly implemented.

Adapchain follows Process improvement approach to software development, called **AdapWay methodology**.

A brief outline on Adapway Methodology.

**What is the AdapWay?**

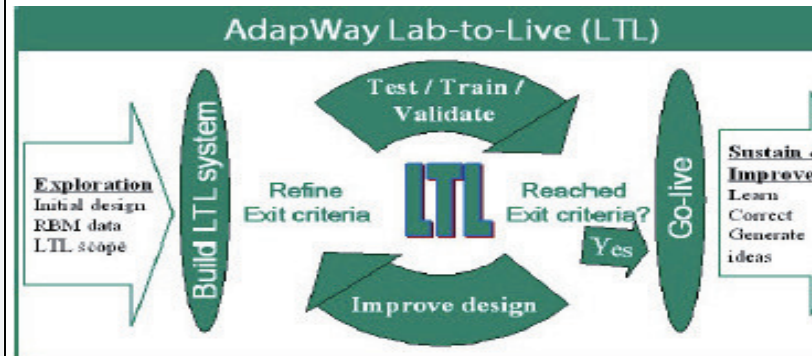
AdapChain Inc. created the “AdapWay” in order to eliminate 3 of the 4 biggest waste categories often experienced during implementation of software Projects:

- Opportunity Waste,
- Realization Waste and
- Business Performance Waste.

The result is a methodology that not only eliminates those waste categories, but also delivers a number of other tangible benefits:

- Low cost: Small project teams mean low project burn rate and minimal impact of business operations.
- Early benefits, Low risk: Iterative implementation approach ensures focus, minimal implementation risk and early realization of tangible business benefits.
- Superior change management: By ensuring direct involvement of key users in design and testing, change management is rarely a problem.

The AdapWay is continuously being enhanced by AdapChain Inc.



**AdapWay – Lab-to-Live (LTL) methodology**

- Each LTL-iteration defined during the Exploration phase is a small project. The scope is clearly defined and typically limited to the smallest amount of additional scope that will deliver noticeable value towards meeting the business need. By keeping the scope of each LTL-iteration small, it becomes natural that the project team size also will be small and the implementation time normally will

	<p><i>be less than 4 months.</i></p> <ul style="list-style-type: none"> <li>• <i>During the LTL iteration, a full-scale prototype is built in a test environment.</i></li> <li>• <i>This full-scale prototype is kept aligned with production through periodic imports of relevant production data. By keeping the prototype updated with production data it is possible to see if the prototype design is producing results similar – or better than – the official production system.</i></li> <li>• <i>The LTL environment allows the LTL-team to test design changes on full scale data. Because the LTL environment contains current data ,it is fairly easy to keep supply chain planners from the business involved in the effort. And while business users work on testing and improving the model, they also learn the new functionality. This makes change management MUCH easier.</i></li> </ul> <p><b>AdapWay – Sustain and improve:</b></p> <ul style="list-style-type: none"> <li>• Once an LTL iteration has been completed and implemented, the scope is transferred to the sustain and improve phase.</li> <li>• During sustain and improve, the focus is on eliminating errors and finding additional improvement opportunities. These opportunities may then be added to a subsequent LTL iteration, result in a new LTL iteration or be noted and eliminated.</li> </ul>
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## **4. Software Product Assessment**

### **4.1 Review Existing Documentation**

Functional Documentation	<input checked="" type="checkbox"/> yes Comments:
Installation Documentation	<input checked="" type="checkbox"/> yes Comments:
Maintenance Documentation	<input type="checkbox"/> yes Comments:
End User Documentation	<input checked="" type="checkbox"/> yes Comments:
Test Plan Documentation	<input checked="" type="checkbox"/> yes Comments:
Test Report Documentation	<input type="checkbox"/> yes Comments:
Benchmark Results Documentation	<input type="checkbox"/> yes Comments:

### **4.2 Install and Configure Product for SAP Integration**

How is the installation and setup of the product integration part done?	<input checked="" type="checkbox"/> good <input type="checkbox"/> average <input type="checkbox"/> poor
Remarks	

## 5. Test Cases

<b>5.1 Test steps executed during Test-Drive</b>	
5.1.1 Test case - 01 : Get Material and its description from SAP	Pass
5.1.2 Test case - 02 : Get "Current Inventory" from SAP	Pass
5.1.3 Test case - 03 : Get "Firm Demand" from SAP	Pass
5.1.4 Test case - 04 : Get "Firm Supply" from SAP	Pass
5.1.5 Test case - 05 : A simple scenario explaining Supply Planning and Demand Planning	Pass
5.1.6 Test case - 06 : Create PIR's and Planned orders in SAP	Pass

<b>5.2 Performance load test steps executed during Test-Drive</b>	
5.2.1.	
5.2.2	

## 6. Additional Service and Support

Does the third-party vendor offer consulting services for this product?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Remarks	

Does the third-party vendor offer training classes for this product?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Remarks	

Does the third-party vendor offer general problem support for this product?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Remarks	

Certificate awarded to vendor on September 14, 2011.

Bangalore.