

## SAP NetWeaver BI Accelerator implementation scenarios

### Applies to:

SAP NetWeaver '04s

### Summary

This paper lists and describes the characteristics of the different SAP NetWeaver BI Accelerator implementation scenarios available based on specific criteria. This information can be used to help define an implementation approach for existing SAP NetWeaver BI installations below SAP NetWeaver 2004s. The intention of this paper is not to provide a Step by Step guide for the different implementation scenarios.

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### Author Bio



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## Introduction

This paper lists and describes the characteristics of the different SAP NetWeaver BI Accelerator implementation scenarios available based on specific criteria. This information can be used to help define an implementation approach for existing SAP NetWeaver BI installations below SAP NetWeaver 2004s.

The intention of this paper is not to provide a Step by Step guide for the different implementation scenarios, however.

Facts:

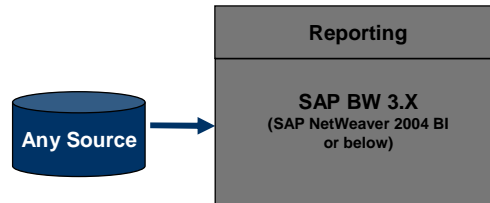
- The SAP NetWeaver BI Accelerator requires a SAP NetWeaver BI 2004s system
- The SAP NetWeaver BI Accelerator can not run with systems below SAP NetWeaver BI 2004s
- The SAP NetWeaver BI Accelerator can be leveraged by any SAP NetWeaver 2004s BI installation

## Assumptions

Assume for example, that the existing SAP NetWeaver BI implementation is a single productive instance.

### **SAP BI accelerator implementation – starting point**

#### A single SAP NetWeaver 2004 BI productive instance



## Implementation Scenarios

### Scenario 1:

Upgrade your SAP NetWeaver 2004 system and below (SAP BW 3.X) to SAP NetWeaver 2004s BI

### Scenario 2:

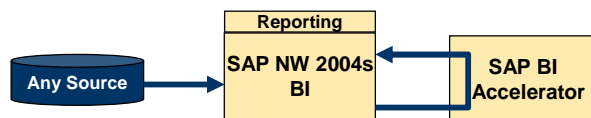
“Split” and upgrade the SAP NetWeaver 2004 system and below (SAP BW 3.X) to SAP NetWeaver BI 2004s, focus on the Scenario (InfoCubes in a MultiProvider) to be used with SAP NetWeaver BI Accelerator

### Scenario 3:

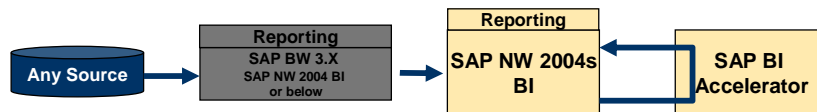
Install a new SAP NetWeaver BI system, replicate InfoCubes with data to be used with SAP NetWeaver BI Accelerator to this separate SAP NetWeaver BI 2004s system, and access the data remotely from the original SAP NetWeaver 2004 and below (SAP BW 3.X) system using Remote Cubes.

## SAP BI accelerator implementation scenarios

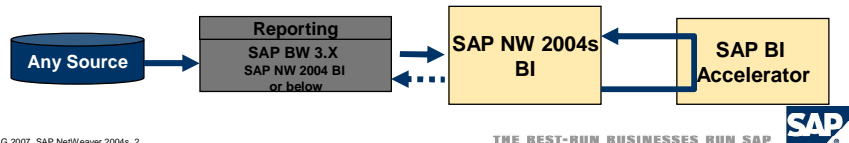
### New/Upgrade (Scenario 1)



### Data Mart (Scenario 2)



### Remote (Scenario 3)



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**Characteristics of the implementation scenarios:**

<b>Criterion</b>	<b>Scenario 1</b>	<b>Scenario 2</b>	<b>Scenario 3</b>
Additional systems needed	None	Yes	Yes
Implementation effort	Upgrade	Split systems (copy and upgrade or install and re-implement InfoCubes, queries etc. to be used with SAP NetWeaver BI Accelerator)	Install SAP NetWeaver BI 2004s system and re-implement InfoCubes to be used with SAP NetWeaver BI Accelerator. Create virtual InfoProviders in the original (3.x release) productive system and adjust MultiProviders or queries
Time to BI Accelerator productive use	Time frame depends on testing, coordination, time slot for upgrade (big bang)	May offer an option for a fast, only partial BI Accelerator implementation (smaller big bang)  Entire scenarios (all InfoCubes in one MultiProvider) need to be in the same SAP NetWeaver 2004s system.	May offer an option for a fast, only partial BI Accelerator implementation (small bang).  Individual InfoCubes can be chosen.
Meta Data Alignment	Not necessary	Necessary for scenario	Necessary for InfoCube
Master data alignment	Not necessary	Necessary for scenario	Necessary for InfoCube
Data Flow	No impact	Additional processes (time) are needed to synch the master and transactional data	Additional processes (time) are needed to synch the master data

Transparency for reporting	Transparent to end user	Possibly different (new) system for reporting	Transparent to end user
TCO (Maintenance)	No additional maintenance for the additional systems and data replication	Additional maintenance for the additional systems and data replication	Additional maintenance for the additional systems and data replication
Impact on existing systems	Upgrade	Partial upgrade (of DataMart layer)	Implement Virtual Providers, change MultiProviders or/and queries

## Recommendation

It is recommended to use Scenario 1 for productive usage.

Scenario 2 or Scenario 3 could be used for pilot purpose. Due to the implementation effort, TCO and complexity of the transport system landscape, the productive use of Scenarios 2 or 3 would be preferable only in very rare cases.

Scenario 2 is recommended for a step by step upgrade from SAP BW 3.X (SAP NetWeaver 2004 system and below) to SAP NetWeaver BI 2004s.

Scenario 3 is recommended if no step by step upgrade is planned and not a complete scenario (MultiProvider and reporting objects) can be migrated.

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