



Industry Services

SIMATIC Inventory Baseline Services

SIMATIC Inventory Baseline Services Challenge

Detailed knowledge of the condition of your plant ensures serviceability

In order to optimally maintain your machines and plants, detailed knowledge is required of all hardware products, systems, software solutions and licenses in use.

The inventory delivers an overview of the currently installed plant base as well as the spare parts in stock. It answers the question as to which products are used where in the system, and defines the lifecycle status of the entire system. The result of the inventory serves as a decision-making aid for the planning of maintenance and modernization measures.



SIMATIC Inventory Baseline Services Challenge

In connection with this, the challenge is

- the uniform and complete recording of all installed automation components,
- implementation within a short time and at low cost,
- provision of standard reports on the current inventory for the planning and preparation of further measures.



SIMATIC Inventory Baseline Services Solution

Solution:

- The inventory delivers an overview of the currently installed plant base as well as the spare parts in stock.
- It answers the question as to which products are used where in the system.
- Defines the lifecycle status of the entire system.



SIMATIC Inventory Baseline Services Solution

SIMATIC Inventory Baseline Services are particularly important when no detailed system data is available or if it is outdated or incomplete.

SIMATIC Inventory Baseline Services follow a structured sequence and perform functions ranging from data collection and data processing to reporting in three steps.

Standard tools for automated acquisition of Component data in the automation system are used for straightforward, effective recording of the existing plant base.

SIMATIC Inventory Baseline Services are modern data-driven services that help make the maintenance of machinery and plant even more efficient by applying new methods and tools.

SIMATIC Inventory Baseline Services Solution

Sequence of steps of the SIMATIC Inventory Baseline Services



The inventory delivers an overview of the currently installed plant base as well as the spare parts in stock. It answers the question as to which products are used where in the system, and defines the lifecycle status of the entire system. The result of the inventory serves as a decision-making aid for the planning of maintenance and modernization measures.

SIMATIC Inventory Baseline Services

Portfolio :: Installed Base Data Collection

Installed Base Data Collection

- Automated inventory
- Manual recording of additional components

Standard tools for automated acquisition of Component data in the automation system are used for straightforward, effective recording of the existing plant base.

This process can be carried out while the plant is in operation without affecting it.

- Parameterization of the software tools by service specialists
- Automated data acquisition
- Manual additions possible

The inventory of the spare parts store can be carried out manually or integrated in the inventory data in the form of a separate list..

The spare part stock can be taken also as a separate list with declaration of

- MLFB number
- Serial number
- HW, FW, SW revision
- Number of components

SIMATIC Inventory Baseline Services

Portfolio :: Data Processing & Verification

Data Processing & Verification

- Data processing
- Data standardization
- Data verification

An analysis tool imports the recorded data and processes it. This ensures that the individual components are analyzed correctly.

Manual additions are possible at any time. The result of this evaluation is a map of the automation system with a listing of all components acquired.

After the data has been verified, the inventory data is transferred to a central database that acts as the basis on which additional services can be built.

Data verification

- Identification of SW packages available for ordering
- Addition of/expansion with external sourced products
- Supplementing required information
- Entering of correct customer data, e.g. address, plant designation, contact persons at the customer and at Siemens
- Logging of components with unknown order number

SIMATIC Inventory Baseline Services Portfolio :: Inventory Report

Inventory Report

- Reporting
- Data storage in database

The content of the reports is divided up into:

Listing of the existing plant base

- Overview and detailed information about the operator systems
- Overview and detailed information about the automation systems
- Detailed information about the network and field components

Overview of the system lifecycle status

- Number of Siemens components
- Number of non-Siemens components
- Statistics on the availability of recorded products for delivery
- Recommendations from Siemens
- Reference to other services

SIMATIC Inventory Baseline Services

Example :: Overview of an inventory report

SIMATIC Inventory Report

General Project Information

Project Name:	
Location:	
PCS7 version:	
Plant ID:	
SAP Contract No:	
Project Description:	
Inventory data create on:	2013-5-22 11:37:26

Responsibilities

OEM / St:	
Customer:	

Contacts

Table of contents:

- [Overview of Operator Systems](#)
- [Overview of Automation Systems](#)
- [Detailed information to Operator Systems](#)
- [Detailed information to Automation Systems](#)
- [Detailed information to Network Components](#)
- [Detailed information to Field Components](#)

Overview of Operator Systems

Device Name	Operating System	OS Version	System Manufacturer	System Model
REMTTEST10	Microsoft(R) Windows(R) Server 2003, Standard Edition	5.2.3790 Service Pack 2 Build 37905.2.3790 Service Pack 2 Build 3790	SIEMENS AG	SIMATIC Rack PC 547B
REMTTEST12	Microsoft(R) Windows(R) Server 2003, Standard Edition	5.2.3790 Service Pack 2 Build 37905.2.3790 Service Pack 2 Build 3790	SIEMENS AG	SIMATIC Rack PC 547B
SERVICE_STATION	Microsoft Windows XP Professional	5.1.2600 Service Pack 3 Build 26005.1.2600 Service Pack 3 Build 2600	SIEMENS AG	SIMATIC Field PG M3

Create a product-related report for all Siemens components in the customer system

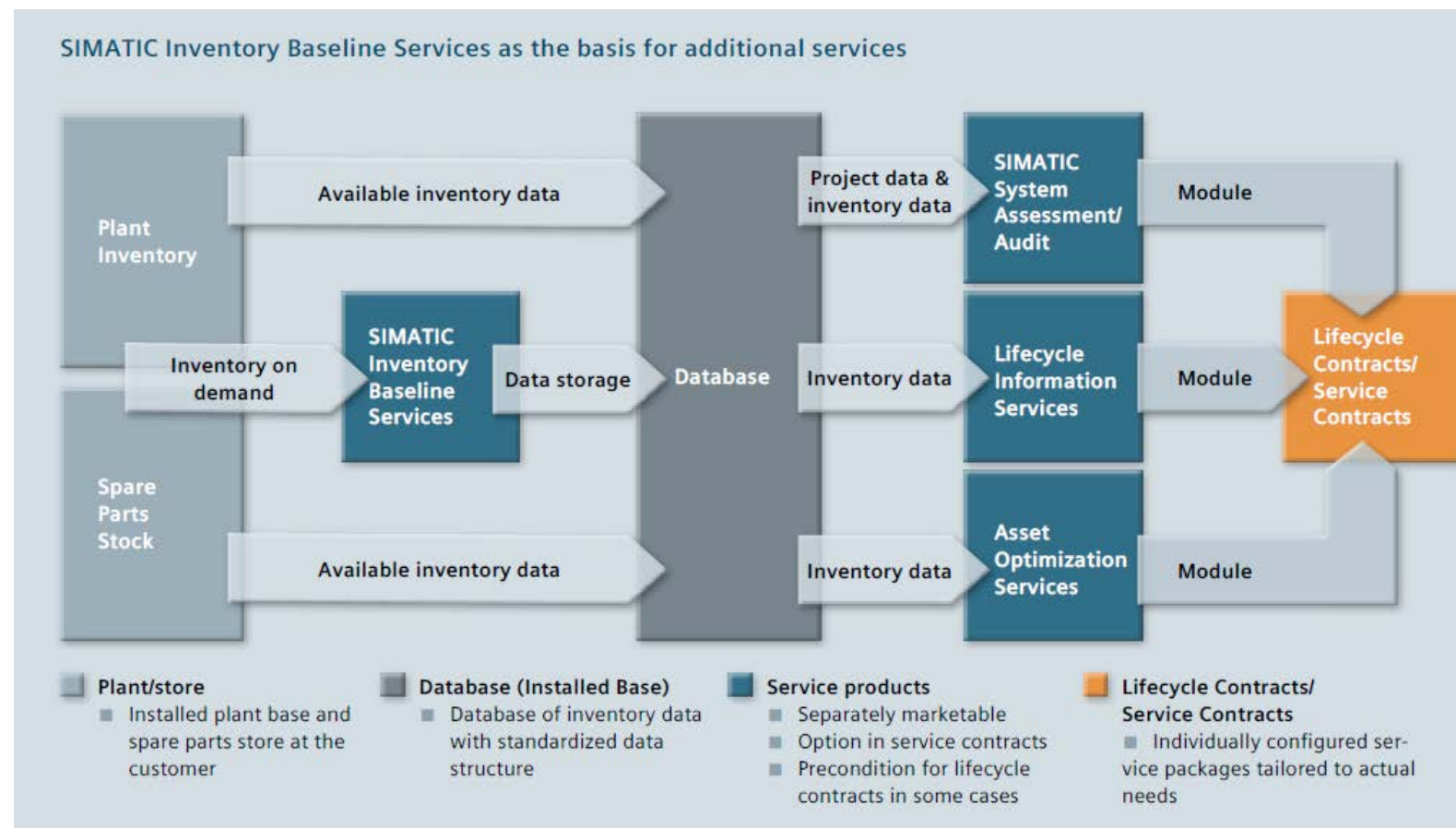
- Report with installed components
- Report with revision of components
 - Hardware revision
 - Software revision
 - Firmware revision
- Report with all order number

SIMATIC Inventory Baseline Services

Customer benefits

Your advantage at a glance :

- Economical inventory of the plant condition
- Automatic, uniform processing of the enclosure data
- It help him when he decides to:
 - Replace system parts
 - Plant expansion
 - Spare part stock



Contact



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