



DCS Standardization Services

Sales Slides



Standardized Libraries for future-ready systems with DCS Standardization Services



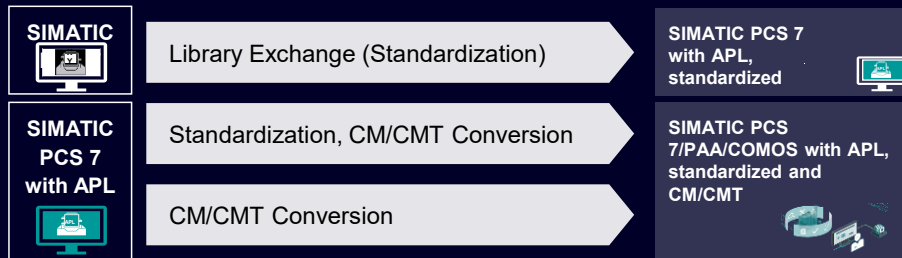
- DCS Application Services provide tailored support for modernizing and optimizing existing SIMATIC PCS 7 systems, ensuring seamless integration and future readiness for PCS neo
- DCS Standardization Services provide structured engineering templates to ensure consistent quality and efficiency across automation projects.

Solution and Service

- Standardization potential - Structure Analysis for the detection of recurrent structures in CFC charts
- Extension of the automation system by technological interfaces, for central modification to Control Module Types (CMT) and synchronization into CM instances (CM)
- Standardization of DCS project planning in preparation for further steps

How does it work?

- Structure Analysis
- CM/CMT Conversion
- Customized additional services: Standardization



Your value



Modular services for standardization of DCS project planning by Siemens experts.



Increase service capability by current and future DCS innovations



Reduction of time and costs for future upgrades

Challenge

How can the availability and serviceability of SIMATIC PCS 7 project planning be ensured?

How can the plant **remain productive and economical** throughout its life cycle?



How can the plant be **safely prepared for future and cost-effective** upgrades?



How to benefit from additional current and new functionalities in the DCS system?



How to standardize a project while adding technological interfaces to the system?

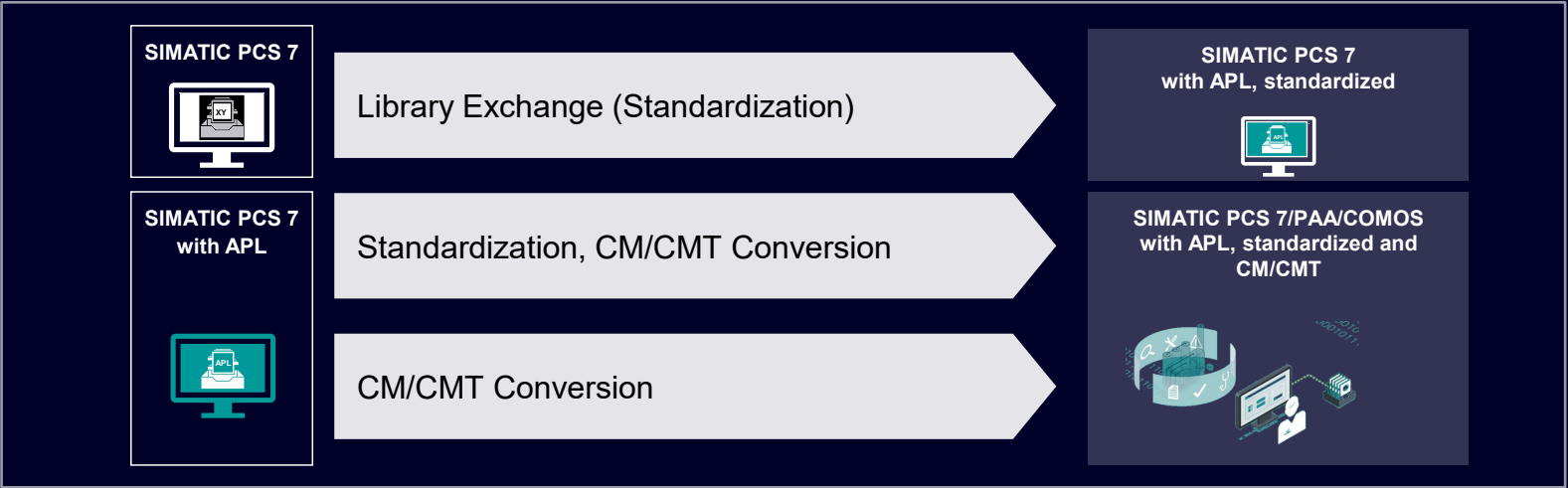


Standardization for a future-proof DCS System through integration of control modules (CM)



Solution and Service

- Standardization potential - Structure Analysis for the detection of recurrent structures in CFC charts
- Extension of the automation system by technological interfaces, for central modification to Control Module Types (CMT) and synchronization into CM instances (CM)
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DCS Standardization Services

The core of **"DCS Standardization Services"** is the standardization of the project engineering, Upgrade ET 200M to ET 200SP HA and the extension of the automation system by technological interfaces. Modules or combinations of modules which include technological interfaces are called **Control Modules (CM)**.



Recurrent structures...

... are recognized in the existing configuration data and can be implemented as Control Module Types (CMT) / Control Modules (CM).

The use of CM/CMT enables the use of additional functionalities in the process control system.

The conversion to CM/CMT can also be used following a standardization with library exchange.

- **Standard packages (MLFB based)**
 - Upgrade ET 200M to ET 200SP HA
 - SFC Documentation
 - Structure Analysis¹
 - CM/CMT Conversion
- **Customized additional services**
 - Standardization

¹ Requirement - Analysis : from SIMATIC PCS 7 V6.1

DCS Standardization Services (CM/CMT Conversion)



DCS Standardization Services

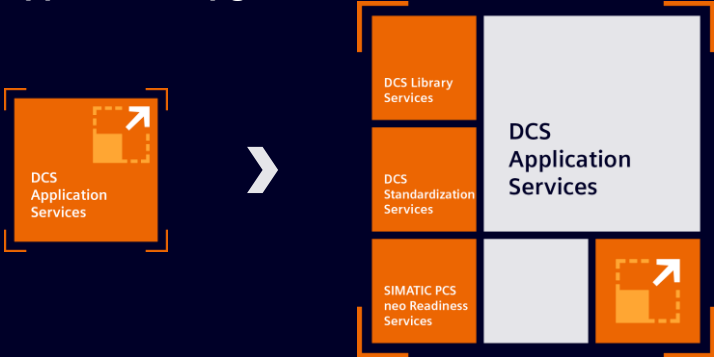
Positioning within the modernization portfolio

Legacy System

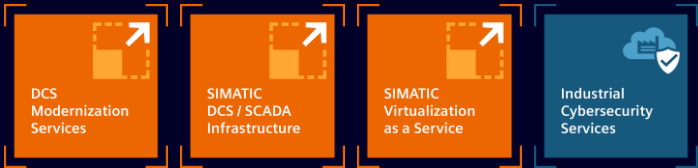


Standardized Modernization Portfolio Elements

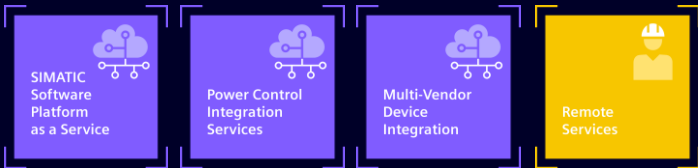
Application Upgrade



System Upgrade (z.B. SIMATIC PCS 7 Version X → SIMATIC PCS 7 Version Y)



Additional Packages



State-of-the-Art System

Service Contracts



DCS Application Services

Overview Portfolio element



The maintenance, support and modernization ...

- ... of existing DCS systems can be very time-consuming and complex. Especially if, in addition to the SIMATIC PCS 7 Library, various function block libraries are also in use for the realization of the individual control level.
- The service module "**DCS Library Services**" offers both analysis and exchange (AS/OS) of existing DCS libraries on Advanced Process Library (APL). With the APL-based control module you create your basis for DCS innovations (SIMATIC PCS neo).
- The module „**DCS Standardization Services**“ includes the conversion of project engineering to CM/CMT and further project cleanups. The structure analysis forms the basis for the implementation and shows further standardization potential.
- The module „**SIMATIC PCS neo Readiness Services**“ is the preparation of the installed SIMATIC PCS 7 base for the SIMATIC PCS neo Evolution.

Why should you choose DCS Standardization Services?



Standardization

Siemens experts offer tried-and-tested modular services to standardize your DCS project engineering.



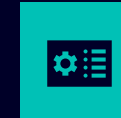
Serviceability

Increase serviceability by using current SIMATIC PCS 7 features and future DCS innovations.



High quality

The use of automated workflows ensures high quality.



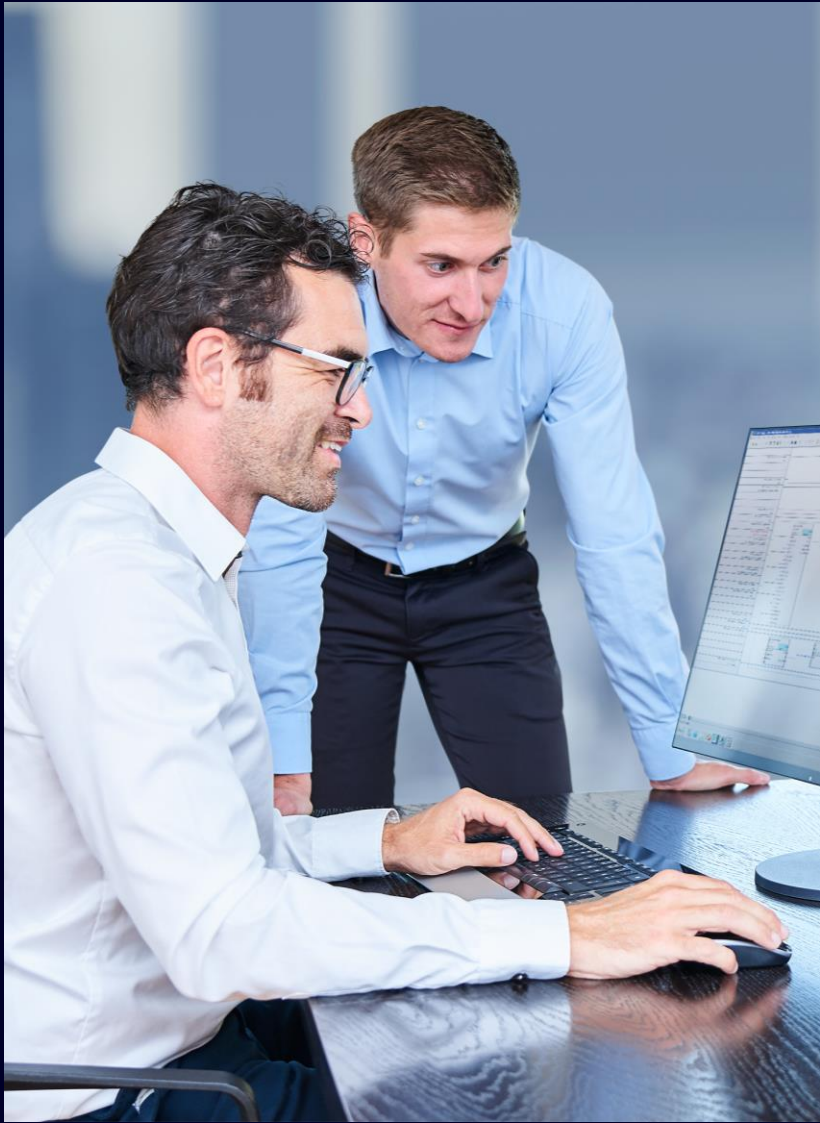
Serviceability

Use of structure analysis and standardization can also be useful for library exchange.



Efficiency

Reduction of maintenance and repair costs.



You want to find out more?

[Webpage EN](#)

[Webpage DE](#)

[Siemens Contact
Database](#)

[Manual EN](#)

[DCS Library Services
Channel Block Exchange
Offering EN](#)

[Quick Analysis of a
SIMATIC PCS 7 AS Project
– Which services are
available? EN](#)

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