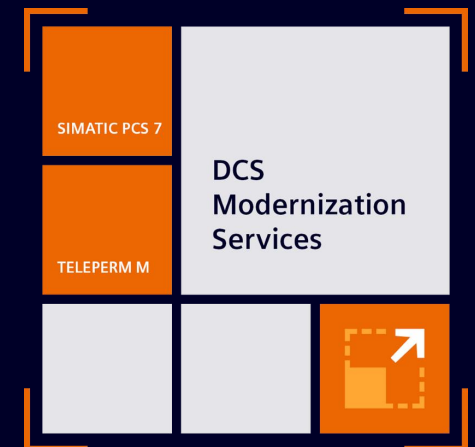




| DCS Modernization Services

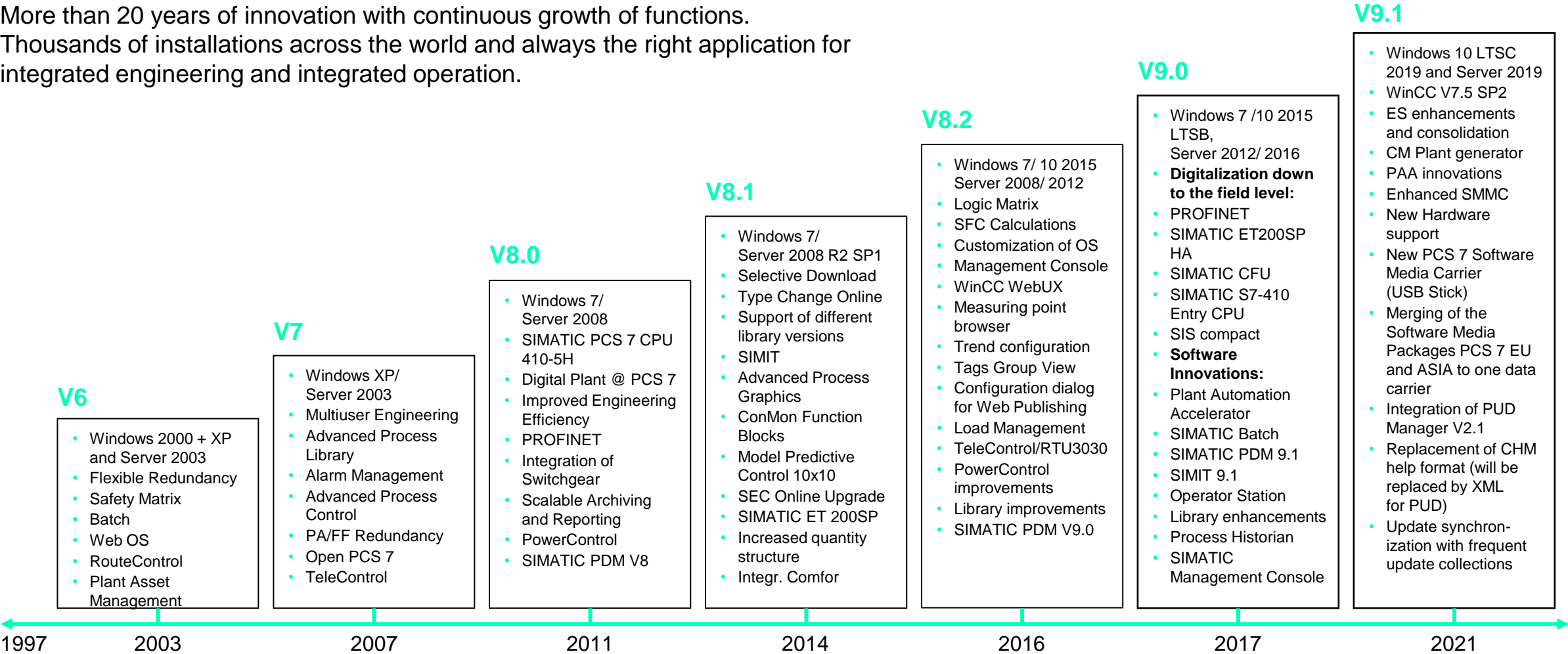
DCS Modernization Services offer holistic and individual support for the modernization of legacy DCS systems



DCS Modernization Services

More than 20 years of SIMATIC PCS 7

More than 20 years of innovation with continuous growth of functions.
Thousands of installations across the world and always the right application for integrated engineering and integrated operation.

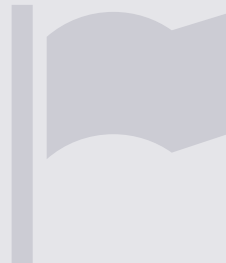


Challenge

DCS hardware and operating systems are outdated

→ Security risk

→ Service risk



How can plant operation and their serviceability be ensured?



How can the time and costs for plant operation be reduced?



How to achieve the current required safety standards in the plant?



How can long-term investment protection be ensured?

DCS Modernization Services

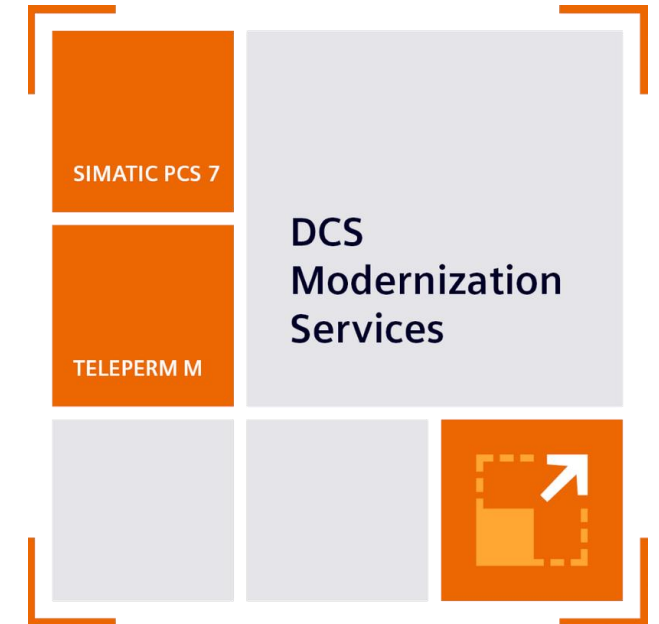
The modernization of existing DCS systems can be very extensive and complex.

DCS Modernization Services provide...

- ... Upgrades of older SIMATIC PCS 7 versions to the current version
- ... optional preparation for future upgrade to SIMATIC PCS neo
- ... the preparation of the plant for a lifecycle service contract
- ... Support for the modernization of TELEPERM M systems

Possible priorities:

- Conversion to the current status with all available options
- Cost-effective conversion (without new functions)
- Minimal technical risk (extensive testing in advance)
- Short or no downtimes

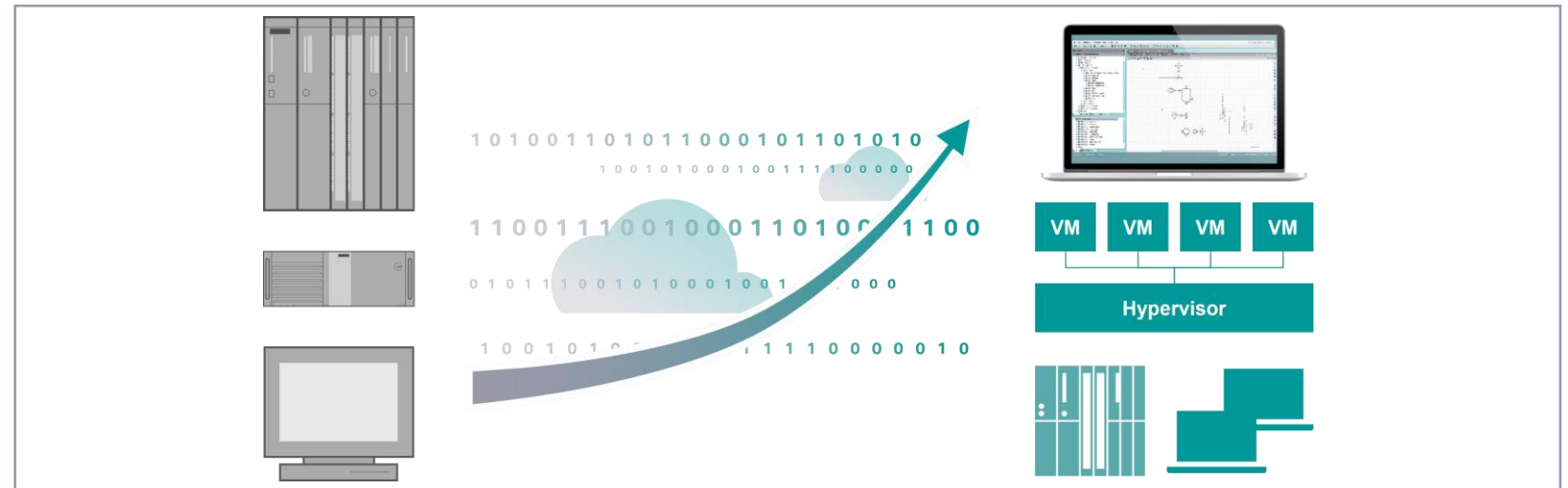


DCS Modernization Services offer holistic and individual support for the modernization of legacy DCS systems

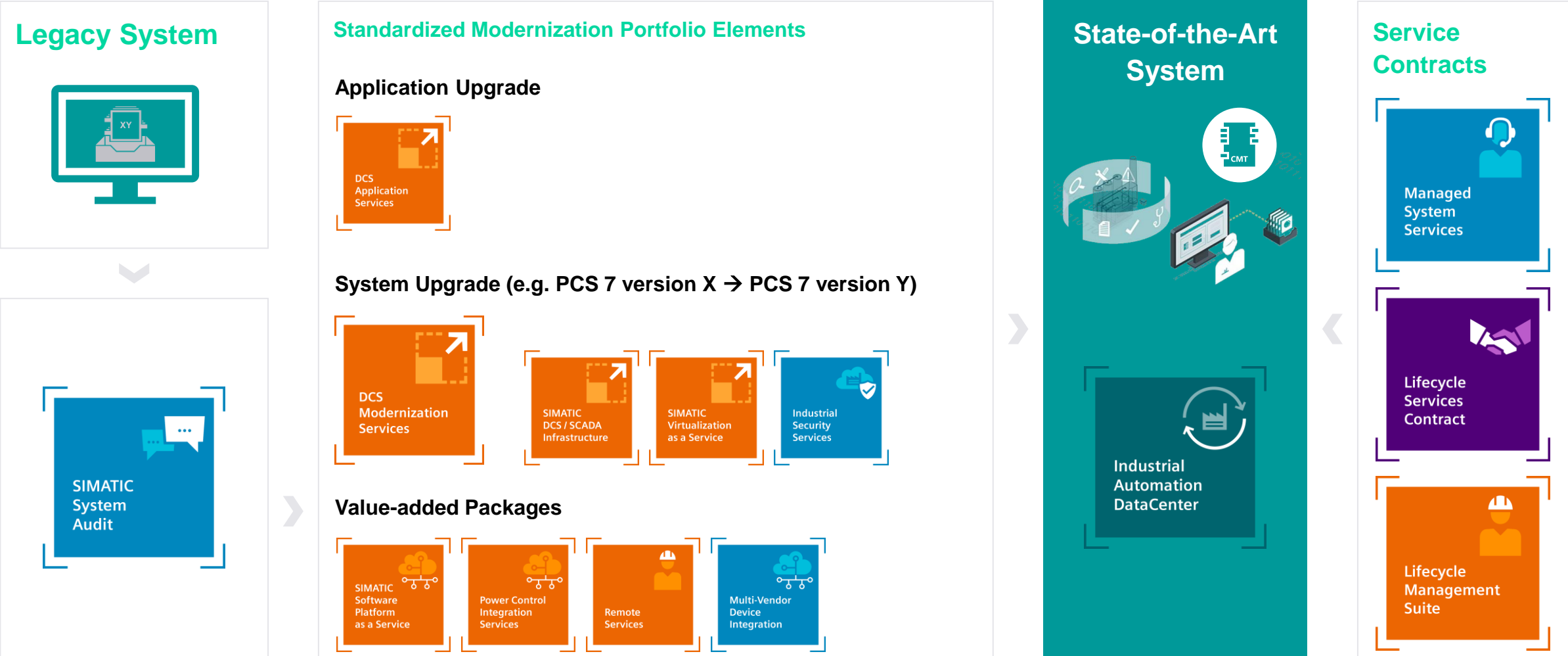


Solution

- Upgrades of older SIMATIC PCS 7 versions to the current version
- Preparation for future upgrade to SIMATIC PCS neo
- Preparation of the plant for a lifecycle service contract
- Support for the modernization of TELEPERM M systems



Positioning within the modernization portfolio



DCS Modernization Services

SIMATIC PCS 7



The service module „SIMATIC PCS 7“ offers upgrades...

... without new functions

- The plant needs to perform as it did before the upgrade – the existing libraries are retained
- Low and calculable engineering costs
- Short implementation time
- Little risk and no/short stop at IBS

... and with new functions/ Ready for SIMATIC PCS neo

- New functions required or desired
- Creation of the framework conditions to prepare for an upgrade to SIMATIC PCS neo
- Exchange of libraries with APL/IL (serviceable and future-proof)
- To be considered: additional effort, longer implementation

DCS Modernization Services

SIMATIC PCS 7



According to your requirements we offer specific work packages within our DCS Modernization Services.

Example:

- Project analysis
- Installation and setup of the new HW (IPC or virtual)
- Project upgrade SIMATIC PCS 7 to current version
- Library exchange on APL ([siemens.com/das](https://www.siemens.com/das))
- FAT* on own test system also remote
- Commissioning

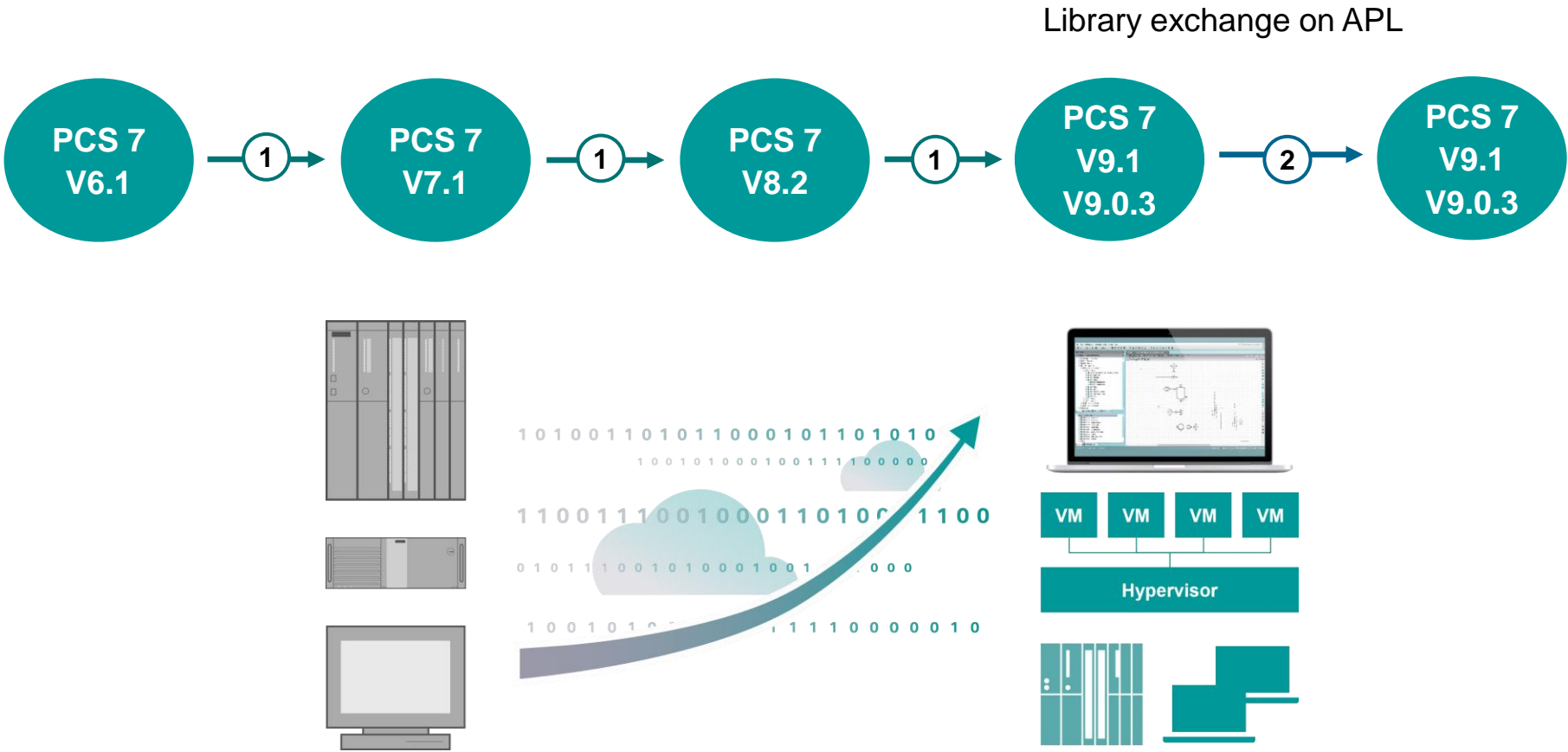
Option:

- Image adaptations for widescreen monitors with new resolution
- Conversion to new curve design
- Conversion and standardization of CFC structures to CM/ CMT
- PH Upgrade

*Factory Acceptance Test

DCS Modernization Services

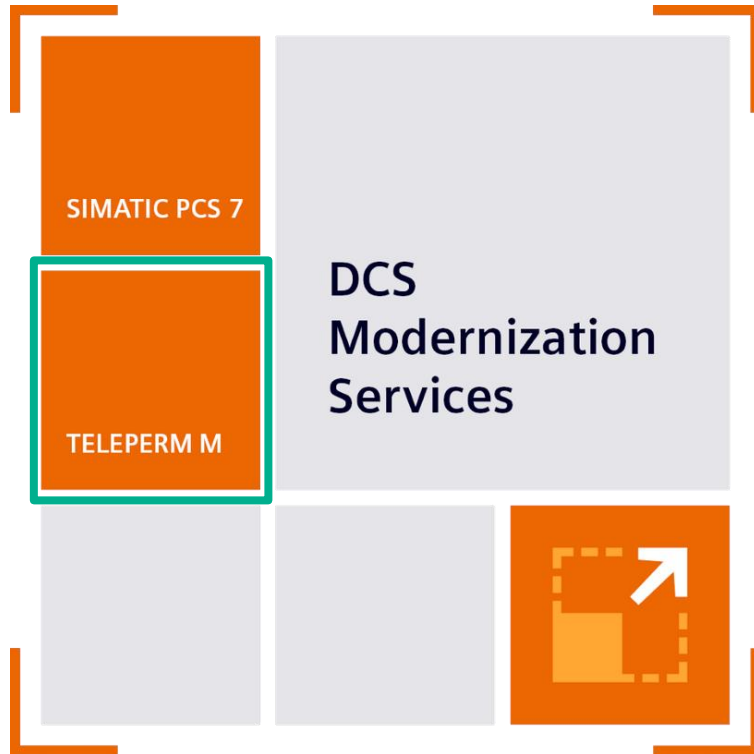
SIMATIC PCS 7



① Standard-Project upgrade to next major version; ② exchange of the library on APL

DCS Modernization Services

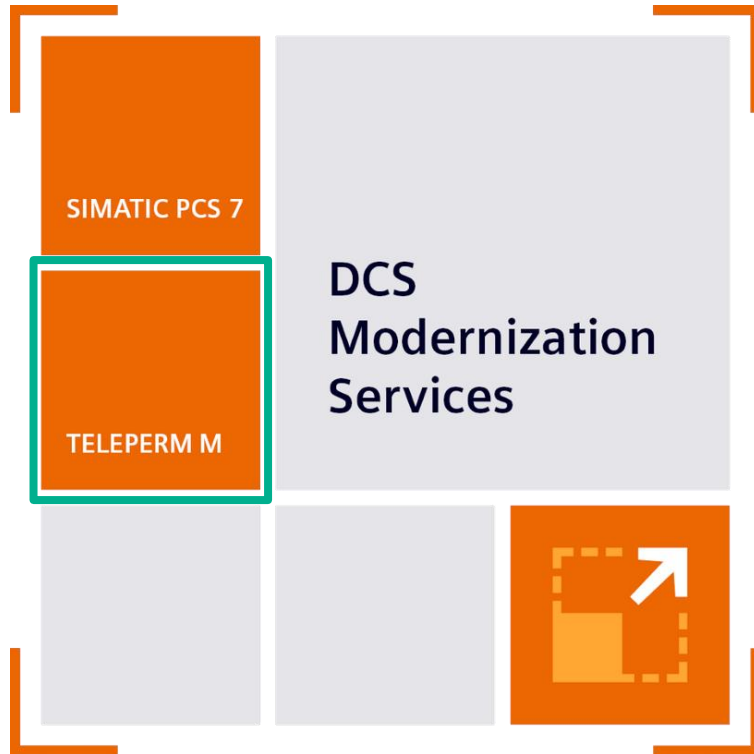
TELEPERM M



- **Provision of TELEPERM M services and migration products**
- **Offer of services for migration from TELEPERM M to SIMATIC PCS 7**
- **Maintaining serviceability**
Selected PCS 7-TM components and technical support are still available under service contracts.
- **Migration and Modernization without new engineering**
Support migration is performed on the basis of customer-specific work packages.

DCS Modernization Services

TELEPERM M



Specific work packages are provided for the implementation of migrations to SIMATIC PCS 7.

According to the customer requirements and environment conditions various solution variations are available:

- Analysis and basic data (parameter data as EXCEL, PCS 7 block cases)
- Partial migration of AS data (PCS 7 library exchange)

The target is to transfer as much as possible of the plant engineering into the SIMATIC PCS 7 world in an automated way by using tools.

Why should you choose DCS Modernization Services?



Siemens experts offer **tried-and-tested services for the modernization of your systems** resulting in short downtimes.



Individual combination of **services from a single source with clear responsibilities and many years of modernization know-how.**



The use of **automated workflows ensures high quality.**



Innovative through the use of **current and future DCS technologies.**



Reduction of time and costs for future upgrades.

Let us know if there is anything we can support you with!



You want to find out more?

Contact the Siemens partner near you

[Siemens Contact Database](#)



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