FSDP COCKPIT
DATA AND DQ MANAGEMENT FOR THE SAP FSDP
1. paricon – a short introduction
2. Our motivation
3. Solution Overview FSDP Cockpit
4. Module Application Cockpit
5. Module Validation Framework
6. Licensing & Software Maintenance
PARICON.
MORE THAN 20 YEARS.
PARICON IN A NUTSHELL

PARICON IS CERTIFIED SAP PARTNER

More than 20 years of experience in SAP application development

Focus on maximum operating convenience and fast implementation

Consistent certification and compliance with SAP standards

Intensive involvement of SAP mentors in the development

More than 100 product customers*

Long-term software solution & project partnerships

* Including Uniserv customers
SAP SOLUTIONS FROM PARICON. INNOVATIVE AND SMART.

SMART INTEGRATION AND SECURE, HIGHLY AUTOMATED OPERATION

DATA MANAGEMENT

DATA QUALITY

DATA PROTECTION

HIGHEST QUALITY OF RESULTS AND CONFORMITY TO DQ AND DATA LINE SPECIFICATIONS

INNOVATIVE LOCALISATION AND PROCESSING OF INFORMATION WORTHY OF PROTECTION

SAP SOLUTIONS FROM PARICON
FOR MORE THAN 20 YEARS, WE HAVE BEEN INCREASING THE EFFICIENCY OF SAP SYSTEMS WITH INNOVATIVE ADD-ON SOLUTIONS.
SOLUTIONS FROM PARICON

**DATA INTEGRATION FRAMEWORK**

Fast and operationally optimized integration of SAP and SAP HANA systems into heterogeneous system architectures and cloud platforms.

**DATA QUALITY FRAMEWORK**

Framework for integrating DQ and cleansing functions for ongoing DQ management or for implementing data quality and cleansing initiatives.

**FSDP COCKPIT**

Data management and DQ functions for native HANA applications to accelerate implementation projects and ensure efficient, highly automated operations.

**DATA REDUCTION FRAMEWORK**

Framework for central administration and control of functions for ongoing or one-time data reduction and DSGVO-compliant data deletion and encryption.

**SMART DATA PROTECTION**

Innovative solution for robotic-based localization and DSGVO-compliant anonymization of data worthy of protection in SAP systems.

**DATA MIGRATION FRAMEWORK**

Highly automated framework for carrying out data migrations using powerful extraction and loading functionalities via standard adapters.
MOTIVATION.

DATA AND DATA QUALITY MANAGEMENT FOR SAP FSDP.
**WHY FSDP COCKPIT?**

<table>
<thead>
<tr>
<th>Open Architecture of SAP FSDP</th>
<th>High DQ requirements of the calculation kernels</th>
<th>Time pressure for FSDP processing runs</th>
</tr>
</thead>
<tbody>
<tr>
<td>The open architecture of the FSDP offers high flexibility in terms of loading times and data packaging, but at the same time potentially leads to incomplete and inconsistent data sets.</td>
<td>The complex banking consumers of FSDP data place high demands on the completeness and consistency of the data - also due to the high relevance of the results data for corporate management and regulatory requirements.</td>
<td>Strict reporting deadlines and tight processing time windows require smooth process flows; if corrections are required, it is often not possible to adjust data in upstream systems or it takes too long.</td>
</tr>
</tbody>
</table>

Our paricon FSDP Cockpit offers the necessary functions for audit-proof data management and efficient, error-free operation of SAP FSDP.
SOLUTION.

DATA AND DQ MANAGEMENT FOR THE SAP FSDP.
OUR APPROACH: FSDP COCKPIT

Modules bundling valuable functions for efficient, audit-proof FSDP use

Application Cockpit

Application cockpit for business object-specific, audit-proof data processing

Validation Framework

Set of rules to ensure consistency across subject areas and on a key date

Service Cockpit

Supplementary functions for increased requirements for revision security and convenience
SCOPE OF FUNCTIONS FSDP COCKPIT

Functional overview per module

**Application Cockpit**
- Specialized object-specific, multilingual* maintenance and correction UIs (basis: business data model)
- Authorization check and optional dual control procedure for all transactions
- Complete, revision-proof traceability of data changes via change document management

**Validation Framework**
- Technical plausibility check of object dependencies
- Checking the technical completeness and consistency
- Rule-based data enrichment and correction
- Error cockpit for data loading and downstream processing

**Service Cockpit**
- User-friendly role and authorization management
- Extended reporting options for DQ and correction management
- Central parameterization and process control for FSDP data access and processing

*) Currently available language versions for the entire FSDM data model: German, English
MODULES.

FUNCTIONAL OVERVIEW
APPLICATION COCKPIT.
APPLICATION COCKPIT
FUNCTIONAL OVERVIEW

Modern UIs for departmental employees
- Convenient, multilingual UIs for visualization, maintenance and creation of data at the level of specialized objects
- Modern launchpad design with individually adjustable image composition
- Layout themes can be created in the corporate design
- The basis is the technical data model (CDM) and takes customer and partner extensions into account
- Complete translation of the entire FSDM data model available in German and English
- Convenient navigation between technically related data

Regulatory and audit requirements
- Convenient role and authorization maintenance for display, change, creation and release
- Authorization assignment at user object level
- Four-eye release workflow can be activated optionally for all care processes
- Audit-proof logging of all corrections and data changes
- Evaluation options for corrections and data changes

Minimum implementation effort
- Initial selection of institution-specific relevant business objects via comfortable UIs
- UIs are generated on the basis of the individually implemented business data model including extensions - no manual adaptation to structural or data model changes necessary
- User and role-specific UIs can be easily created without implementation effort using the Fiori Launchpad functions
- Comfortable functions such as Excel export, share function, favorites management etc. available out-of-the-box
APPLICATION COCKPIT
ENTRY VIA LAUNCHPAD

Fast navigation to the functional object and result data groups

Search across all institution-specific business objects

User- and role-specific display of the relevant business objects

Real-time display of the number of objects
APPLICATION COCKPIT
UI FOR DATA MAINTENANCE

- Freely definable filter and search criteria
- Fast switching between data records
- Customer own information groups
- "Share" and "Favorites" function for specialized objects
- Required fields marked
MODULES.

FUNCTIONAL OVERVIEW
VALIDATION FRAMEWORK.
VALIDATION FRAMEWORK
FUNCTIONAL OVERVIEW

DQ Rulebook

- Comfortable, central administration of DQ and validation rules for the implementation of different DQ scenarios
- Flexible integration of the set of rules at different processing times (loading / data supply, manual data maintenance via UIs, execution in batch)
- Support of the test categories: Codelist check, consistency of business object relationships, DQ requirements of a calculation kernel or a functional dimension, institution-specific rules
- Extensive rule content (completeness check, consistency check, plausibility check etc.)

Automatic corrections

- Rulebook for implementing autocorrection for known recurring errors
- Optimized for mass corrections, e.g. in case of faulty / incomplete data delivery
- Possibility to implement enrichment and derivation rules
- Creation of correction requests for data corrections in upstream systems (automatically via interface, work item for ticket system etc.)

Error cockpit

- Clear presentation of identified error conditions / need for correction
- Free definition of “speaking” and easy to interpret error messages
- Navigation option to the underlying business object data for immediate correction via the Application Cockpit
- Possibility to control the processing via error categories
## DQ SCENARIOS

### TEST DATES AND TEST CATEGORIES

<table>
<thead>
<tr>
<th>Test dates</th>
<th>Test categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOAD</td>
<td>Category 1: Code list check</td>
</tr>
<tr>
<td></td>
<td>Check whether field formats and field values are FSDP and data model compliant (e.g. industry key correct, rating key correct, etc.)</td>
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<tr>
<td>DIALOG</td>
<td>Category 2: Consistency of object relationships</td>
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<tr>
<td></td>
<td>Check whether object relationships are stored correctly (for example, business partner for loan exists, contract master for cash flow exists, and so on)</td>
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<tr>
<td>BATCH</td>
<td>Category 3: Consistency technical dimension / calculation core</td>
</tr>
<tr>
<td></td>
<td>Checking whether a functional dimension meets the completeness and DQ requirements for a processing (e.g. A360 processing, FPSL processing, etc.)</td>
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<tr>
<td></td>
<td>Category 4: Customized DQ rules</td>
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<tr>
<td></td>
<td>Rule framework for implementing customer-specific rules to check completeness, consistency and plausibility</td>
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DQ SCENARIOS

DQ-HANDLING IN THE FSDP COCKPIT

1. Manual correction
   - Manual review and correction of data via the Application Cockpit

2. Rule-based correction
   - Automatic, rule-based correction or enrichment of data via the validation framework

3. DQ Reporting
   - Reports for the evaluation of the current data quality and data quality development

4. Correction order in the source system
   - Creation of a speaking work item for correcting data outside the FSDP, usually in the operational system

FSDM
Source
### DQ SCENARIOS

**FIELD PROPERTIES FOR DQ CHECKS**

#### Objektauswahl
- Businesspartner
- Financial Instrument
- Financial Product
  - Loan
    - Collateral Pool
    - Businesspartner Assignment
    - Credit Risk Exposure
    - Financial Condition

#### Feldauswahl / Feldeigenschaften

<table>
<thead>
<tr>
<th>Bezeichnung</th>
<th>Informationsgruppe</th>
<th>Mussfeld</th>
<th>Kannfeld</th>
<th>Anzeigefeld</th>
<th>Ausblenden</th>
<th>Prüfung</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequence Number</td>
<td>Financial Condition</td>
<td></td>
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<tr>
<td>Fee Type</td>
<td>Financial Condition</td>
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<tr>
<td>Role of Payer</td>
<td>Financial Condition</td>
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<tr>
<td>Fee Charging Start Date</td>
<td>Financial Condition</td>
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<tr>
<td>Fee Charging End Date</td>
<td>Financial Condition</td>
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<td>Fee Amount</td>
<td>Financial Condition</td>
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<tr>
<td>Fee Currency</td>
<td>Financial Condition</td>
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<tr>
<td>Fee Percentage</td>
<td>Financial Condition</td>
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- Check table / code list assignment
- Object structure from CDM
- Complete field catalogue from the CDM
- Individual Info-Group Assignment
- Characteristic of the field attributes
LICENSING.

LICENSING OPTIONS AND SOFTWARE MAINTENANCE.
LICENSING OPTIONS FSDP COCKPIT

**Basic Kit**

- Application cockpit for business object-specific, audit-proof data processing
  - Application Cockpit

**DQ Kit**

- Set of rules to ensure consistency across subject areas and on a key date
  - Validation Framework

**Premium Kit**

- Supplementary functions for increased requirements for revision security and convenience
  - Service Cockpit
SOFTWARE MAINTENANCE CONTRACT FOR THE FSDP COCKPIT

- paricon provides software support and maintenance services for the provided solution FSDP Cockpit within the scope of a software maintenance contract to be concluded (annual maintenance fee is 18% of the list license price)

- The maintenance contract includes all updates and patches provided for the FSDP Cockpit; it includes the regular follow-up release of the Cockpit, which contains adaptations to new versions of SAP FSDP/M and new functionalities

- Also included are support services for error analysis and correction, which can be accessed via several communication channels and the paricon ticket system

- Maintenance begins with the conclusion of the license purchase agreement
# USING THE PARICON FSDP COCKPIT FOR SAP FSDP ARCHITECTURES

<table>
<thead>
<tr>
<th>Effort-reduced introduction</th>
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<tbody>
<tr>
<td>− Out-of-the-box provision of convenient UIs for fast capture, correction or upload of consistent business data</td>
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<td>− Simple introduction of departmental employees to the FSDP data model including translation of the entire data model into the language of the institute</td>
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<tr>
<td>− Fast project and test results by creating complex, technically consistent test data constellations</td>
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<tr>
<td>− Rule-based validation and completeness checks accelerate the implementation of the data supply chain and data transformation</td>
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<table>
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<tr>
<th>Efficient operation</th>
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<td>− Achievement of the highest possible degree of automation and minimization of manual analysis and clean-up work by ensuring a high DQ level</td>
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<tr>
<td>− High stability and efficiency of the data-consuming computing kernels and highest quality of results for reliable and secure business decisions and reported data</td>
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<tr>
<td>− Central control, logging and monitoring of processing runs ensures complete auditability and testability</td>
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FSDP COCKPIT
ROADMAP

**Available since 01/2020**
- Application cockpit for data maintenance for business partners and loans

**Available since 06/2020**
- Application cockpit for all technical objects based on CDM
- Change document creation / logging
- Release process
- Creation of new business object data sets
- Improved navigation
- Internationalization

**Planned availability from 12/2020**
- Validation Framework for Test Categories 1 and 2
- Rule-based data enrichment and correction
- User-friendly error handling for data provision

**Planned availability from 06/2021**
- Extension DQ Content
- Service functions for convenient role and authorization management
- Advanced reporting functions
- Cockpit for parameterization, control and monitoring of processing runs