

This document contains intended strategies, developments and/or functionality and is not intended to be binding upon SAP to any particular course of business, product strategy and/or development. Please note that this document is subject to change and may be changed by SAP at any time without notice.

SAP NETWEAVER MDM

Central Master-Data Management

SAP NetWeaver MDM Product Management

© SAP AG 2006, SAP NetWeaver MDM – Central Master Data Management / 1

THE BEST-RUN BUSINESSES RUN SAP™ 

Central Master-Data Management – Definition

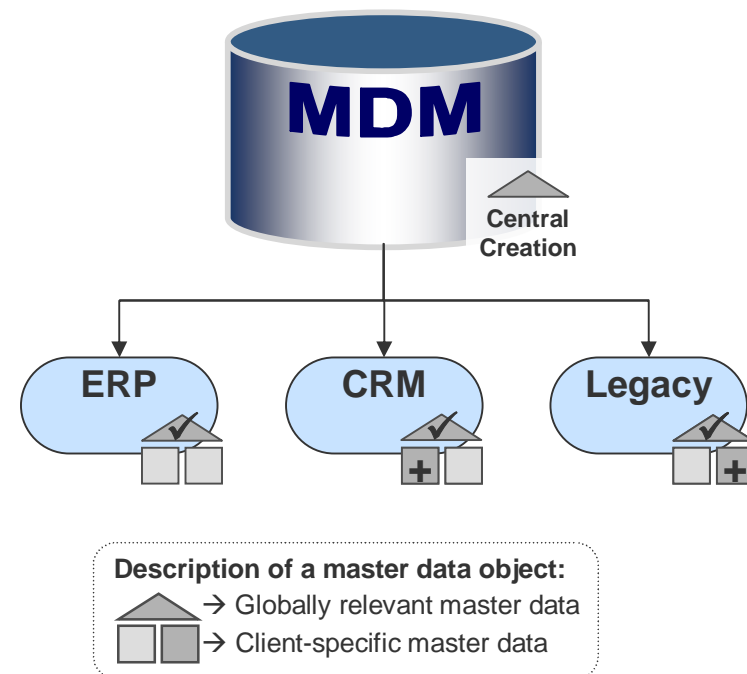
Definition

Enables centralized maintenance and storage of globally relevant master data information and allows subsequent distribution to client systems as required.

It differs from master-data harmonization in that master data is **created centrally** using the MDM rich clients or a portal-based user interface.

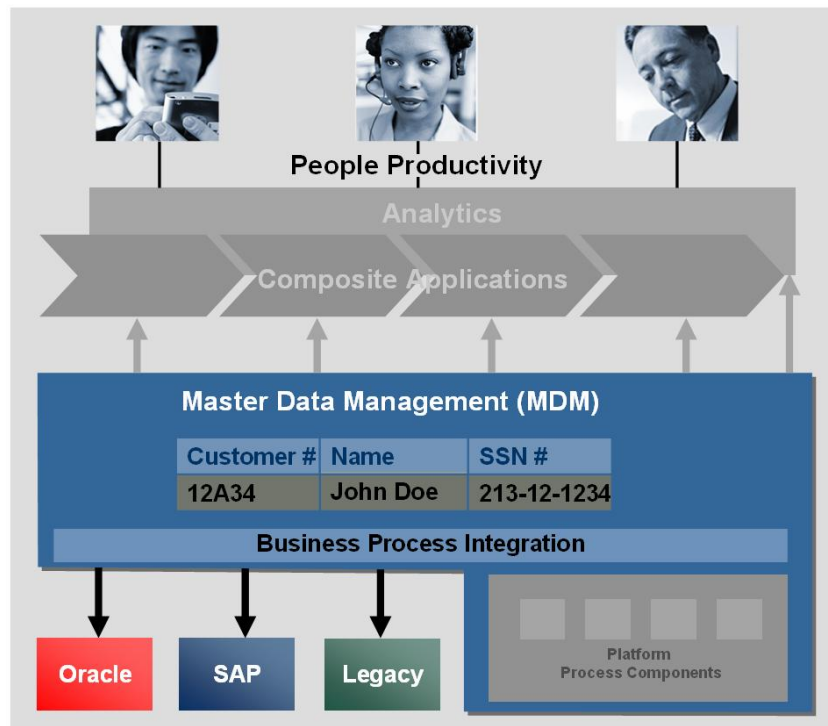
Key Capabilities

- Supports implementation of company-wide quality standards and data ownership
- Ensures central control of master data as soon as the data is created
- Enables federated data maintenance processes by management and synchronization of globally relevant master data information and local completion in client systems



Central Master-Data Management

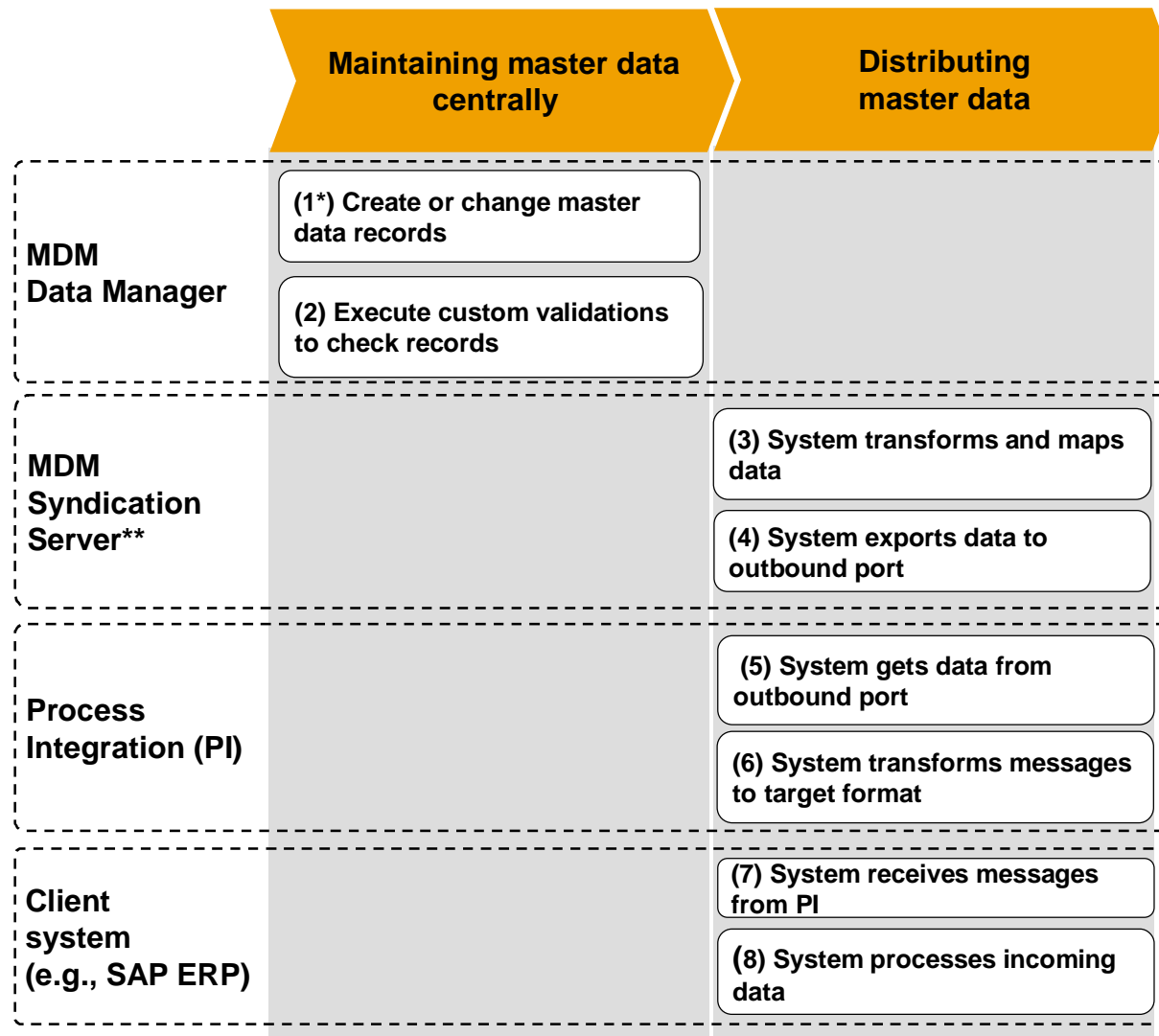
With MDM, a central comprehensive repository can be created with enriched content that can be used as the single source of truth for all enterprise master data (on an inter and intra-enterprise scale).



Main Processes

- **Maintaining master data centrally**
- **Distributing master data to client systems as required**

Central Master-Data Management – Main Processes



* Also possible using SAP NetWeaver Portal (iViews)

** Can be used in addition to MDM Syndicator/Syndicator Batch

Central Master-Data Management – Key Capabilities

Role-Based Access

- **Portal content for occasional users to create, read, update, and delete master data objects**
- **MDM Data Manager for master data specialists to perform sophisticated master data operations**
- **Open and powerful APIs to develop tailored user interfaces for centralized master data handling**

Data Maintenance

- **Search and edit (high-performance search, mass updates)**
- **Data quality (validation, comparison, value help)**
- **Collaboration (master data management workflow, check in/out)**
- **Dynamic creation and maintenance of product variants (Matrix Product)**

Synchronization

- **Periodic outbound of new/updated objects via MDM Syndicator, MDM Syndication Server**
- **Integration with SAP NetWeaver XI for SAP and non-SAP applications**

Central Master-Data Management – Roadmap

New Extensions as of MDM 5.5 SP4

- **Enhanced validations including aggregate functions and validations on qualified links**
- **Extended object maintenance via SAP NetWeaver Portal**
- **Open interface to third-party address enrichment/validation solutions**

Beyond SP4

- **Central creation of objects with immediate distribution of data**
- **Enhanced modeling capabilities enabling deeply structured object models**
- **Full ESA support (for example, connection to the ESR*)**

* **Enterprise Services Repository**

This document contains intended strategies, developments and/or functionality and is not intended to be binding upon SAP to any particular course of business, product strategy and/or development. Please note that this document is subject to change and may be changed by SAP at any time without notice.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP AG. The information contained herein may be changed without prior notice.

Some software products marketed by SAP AG and its distributors contain proprietary software components of other software vendors.

Microsoft, Windows, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.

IBM, DB2, DB2 Universal Database, OS/2, Parallel Sysplex, MVS/ESA, AIX, S/390, AS/400, OS/390, OS/400, iSeries, pSeries, xSeries, zSeries, z/OS, AFP, Intelligent Miner, WebSphere, Netfinity, Tivoli, and Informix are trademarks or registered trademarks of IBM Corporation.

Oracle is a registered trademark of Oracle Corporation.

UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.

Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.

HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.

Java is a registered trademark of Sun Microsystems, Inc.

JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.

MaxDB is a trademark of MySQL AB, Sweden.

SAP, R/3, mySAP, mySAP.com, xApps, xApp, SAP NetWeaver, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP AG in Germany and in several other countries all over the world. All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

The information in this document is proprietary to SAP. No part of this document may be reproduced, copied, or transmitted in any form or for any purpose without the express prior written permission of SAP AG.

This document is a preliminary version and not subject to your license agreement or any other agreement with SAP. This document contains only intended strategies, developments, and functionalities of the SAP® product and is not intended to be binding upon SAP to any particular course of business, product strategy, and/or development. Please note that this document is subject to change and may be changed by SAP at any time without notice.

SAP assumes no responsibility for errors or omissions in this document. SAP does not warrant the accuracy or completeness of the information, text, graphics, links, or other items contained within this material. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or non-infringement.

SAP shall have no liability for damages of any kind including without limitation direct, special, indirect, or consequential damages that may result from the use of these materials. This limitation shall not apply in cases of intent or gross negligence.

The statutory liability for personal injury and defective products is not affected. SAP has no control over the information that you may access through the use of hot links contained in these materials and does not endorse your use of third-party Web pages nor provide any warranty whatsoever relating to third-party Web pages.