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What is SAP Cloud Platform Master Data Services?

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Why is data so important now?
Master data management fuelling the Intelligent Enterprise

Business: End-to-end processes with industry components

- Lead to Cash
- Source to Pay
- Total workforce
- Design to Operate

Technology: Integration & Embedded Intelligence

- UX Harmonization
- Embedded Intelligence
- Common Master Data Management
- Platform Integration and Orchestration
Consistent master data across application landscapes

Master data is part of a company's **digital core**, independently of on-premise or cloud-focused landscapes. It must be consistent and available for all consuming applications.

SAP Cloud for Master Data paves the way:

- **Provide** master data services as **central access point** to master data across cloud applications.
- **Master data orchestration** helps to **synchronize master data records** between applications.
- **Enable MDM processes** for diverse master data domains incl. application-agnostic and application-specific data.
- **Leverage the cloud** to support different SAP applications and deployment scenarios.
Alignment
Domain Model Alignment

- With the Intelligent Enterprise SAP promises an out-of-box-integration for data, processes, and user experience across all applications.

- Domain Model Alignment creates the foundation for truly integrated business processes with an aligned domain model of key master data entities like Customer, Supplier, Product, and Employee.

„Data models must be technically and semantically compatible.“
Trust
Intelligent sharing of master data in the cloud

Master Data Services for integration (central access layer)

Enterprise-wide MDM
SAP Cloud Platform Master Data for business partners/products
Services for master data integration in the cloud

**Master data services** providing the central access layer supporting harmonized data consumption. All LoBs within SAP will be asked to adopt this central access layer and provide their own master data services.

**Capabilities**

- Based on aligned domain models
- Register and share: scalable access to master data for all cloud applications
- Consumption via synchronous API (OData), asynchronous messages (SOAP) or business events
- Basic CRUD (create, read, update, delete) capabilities for ad hoc maintenance needs
Capabilities

- Define data flows using multi-tenancy distribution and data ownership services
- Control which data is replicated to which application/system
- Manage primary and dependent objects
- Manage key mapping and confirmation settings for cross-application consistency
- Visualize distribution processes incl. end-to-end integration monitoring and where-used information
S/4HANA Cloud for Data Enrichment

Data Enrichment is a pure cloud solution built on the SAP Cloud Platform (SCP). The architectural style is based on the micro services methodology. Apart from the availability of data as a service for any enterprise application, Data Enrichment offers pre-wired integration with SAP S/4HANA Cloud, S/4HANA, and SAP Master Data Governance.

Capabilities

- Single record enrichment
  - Onboarding of Dun & Bradstreet (D&B) and Corporate Data League (CDL) as data providers
  - Integration with S/4HANA Cloud, S/4HANA, Master Data Governance

- Mass enrichment of existing records
  - Integration with S/4HANA Cloud and S/4HANA

- Updates/refresh of third-party data
  - Handling of updates to the imported data
For roadmaps & details, please do visit

Cloud Data Management Jam Page
SCP Master Data for business partners
Solution Overview
SAP Cloud Platform Master Data for business partners

The SCP Business Partner is a service to maintain or reference a central Business Partner and its relationship to other business partners.

The central SCP Business Partner is a person, organization or group of persons in which a company has a business interest.

A business partner can have a role of a customer or a supplier or both.

Attributes for a business partner role (view on BP data)

- Address information
- Tax Information
- Status
- Contact Person
- Customer relevant information
- Supplier relevant information
- …
SAP Cloud Platform Master Data for business partners

Key capabilities

The SCP Business Partner provides following **key capabilities**

• Business Partner, Customer, Supplier maintenance via
  • OAuth2.0 protected OData APIs
  • Consumer grade Fiori UI based on Fiori Templates
  • Integration with SAP Applications via SOAP API
  • GDPR compliant – Integration with DPP Services
• Business Partner Relationships
• Key Mapping
• Business Configurations
• Change event notifications
• Status Handling
• Authorizations based on roles
Thank you.

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