

HPE Next: Entity Master Data Management (MDM) transformation

What's changing?

- Single source of master data accessible across HPE
- Standardized data management processes to ensure data quality
- Unified Enterprise Data Model that aligns across the enterprise
- High-trust quality data improving speed and accuracy for all business processes
- Easier self-service data consumption

Entity data



Channel Partners



Suppliers

Technology Partners

Program benefits

Connected, real-time data accessed via a single login



Greater data accuracy and dependability to eliminate fall-out



Making it easier to work across lines of business



Supporting faster E2E business processes



Faster, easier, self-service user profile management



Party Data Model will replace multiple Customer IDs

Party definition

- A legal entity that HPE conducts business with; an organization or person and is associated to standardized addresses
- Parties identify HPE Partners, Vendors, Customers, Competitors
- Validation rules such as Address Standardization, D&B synchronization





Business Relationship definition

 Business Relationship: A Party's business affiliation to HPE (Channel Partner, Customer, Vendor)

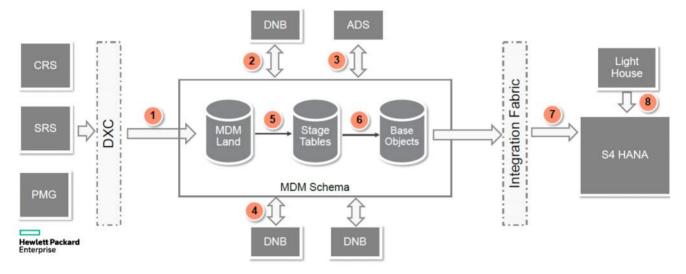
What's changing?

- New standard Business ID (Party ID) will replace PRM & Location ID, CRS, CBN and CLE across HPE business transactions for Partner and Customer Roles
- Unique identifier will enable improved end-toend quote-to-cash visibility and simplified data management for partners

Example

Company XYZ 120 Celebration Blvd. Celebration, Florida, 34747-2341, US Tax Id: 12-345678, Site DUNS ..., Domestic DUNS, ... Global DUNS ...

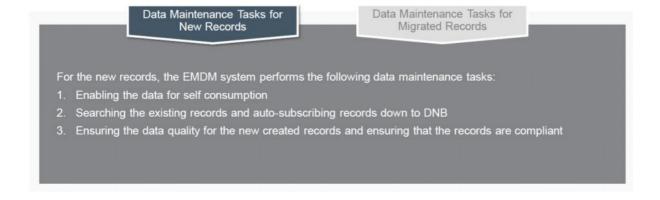
Business Relationship : Customer



Master Data Maintenance Tasks: New Records

The EMDM system performs key master data maintenance tasks for the

- (i) New records created within the EMDM system and
- (ii) Migrated records from the legacy systems.



Data Maintenance Tasks for New Records Data Maintenance Tasks for Migrated Records

For the migrated records, the EMDM system performs the following data maintenance tasks:

- Source: Sourcing the master data records from multiple source systems, such as CRS, PMG, and SRS systems.
- 2. Cleanse: Cleansing the sourced data by removing junk values and ensuring only high quality data is uploaded in the MDM system.
- 3. Consolidate: Consolidating the records by applying match rules to detect potential duplicate records. These records and merging them.
- 4. Maintain: Data Stewards will further enrich data using IDD.

Business Value of Geo Hierarchy



The Geo Hierarchy capability enables the user to establish conceptual parent-child relationships between various geographies. This includes countries and aggregates up to sub-regions and regions.

Following are some business values of Geo Hierarchy data:

The Geo Hierarchy data including the countries, regions, and sub-regions is maintained by the Master Data team.

Changes in the Geo Hierarchy data are applied once a year, after the financial year end, traditionally in the third week of November. By implementing the Geo Hierarchy solution, the business can perform the activities seamlessly in a more structured manner.

The Finance team drives the list of changes approved to be implemented. As MDM stores Geo Hierarchy data in a central repository it is convenient for managing and maintaining the Hierarchy.

Business users can extract the data based on the business requirements from MDM to ensure a synchronized cross system implementation.

Reference Data Management: An Overview

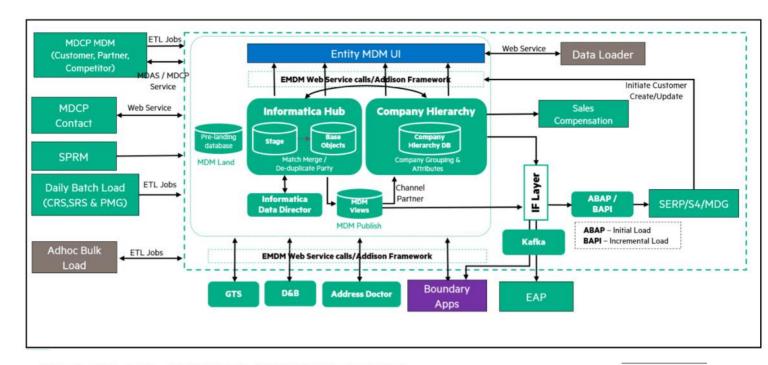


Reference Data

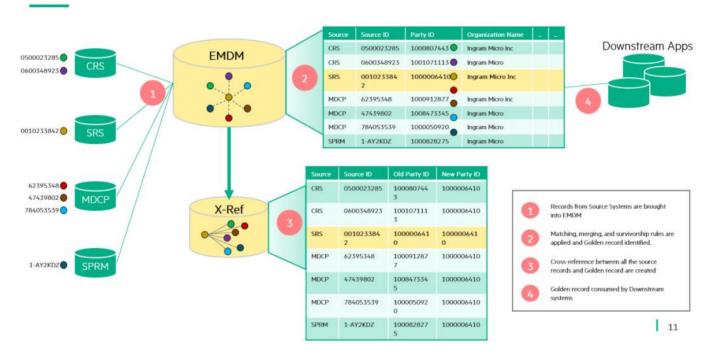
Reference Data are the data objects relevant to various operations, consisting of sets of values, statuses, or classification. Reference Data is generally uniform, company-wide, and can be either created within a country or by external standardized bodies.

Benefits of Entity MDM Reference Data Management

- · It provides a centralized repository of Reference Data
- It provides a generic service offering synchronized data across various systems, such as SFDC and MDCP Contacts
- · It ensures an ease of onboarding future systems looking to consume these Reference Data
- · It eliminates manual effort to update data in different systems and hence preventing data discrepancy



LEGACY DATA CONSOLIDATION STRATEGY



ENTITY MDM ROADMAP - R1.X AND R2.1

Company Data

- Address validation capability
- · Duns & Bradstreet integration
- · Match & Merge capabilities

Rts

Migrated ~1.3M Vendor, Customer & Distributor records from 3 legacy systems: CRS, SRS, PMG

R2.1

=

Migrated additional

~2.58M Partner, and

Customer records

from 2 legacy systems: Siebel PRM and MDCP

Company Data

- Established entity creation capability (MDG & EMDM UI)
- Enabled integration for legacy bridges and S4 subscription
- Ship To Location capabilities to enable ordering & shipping

Company Hierarchy

- Geographic Hierarchy to sales territory mapping
 Established hierarchy creation
- capability (EMDMH UI)
- Company Hierarchy Integration and reference data enrichment
- · Family Tree data initialization

Partner Profile

- Partner specific features enabled for EMDMH UI & DL
 Established data model &
- maintenance for partner stakeholders
- Integration of EMDM & MDCP / Siebel PRM

Contact Data

- Contact Association Foundational services & migration
- · Enriched GDPR Compliance
- · Generic Contact services
- Delivered integration with SFDC and Credit & Collection to MDCP Contact

ENTITY MDM ROADMAP - R2.2 AND LR1 & LR2

Company Data

- · MDG integration with D&B
- Support Trade Style Name validation for Global Trade
- EMDM Automation to improve operational support
- Launch Entity MDM service for integrations (CPQ, Hybris, GRS Partner, Services CPQ, Zyme, EAP, Pricing Analytics, Financial Services, Callidus, NGCQ, NGQ)

Company Hierarchy

- Merger & Acquisition support (D&B integration)
- Enhancing hierarchy creation capability (EMDMH UI & DL, rule engine, data model)
- Flattened views of Geographic Hierarchy
- Hierarchy Operations remediation and fallout management
- Support EMDM integrations

R2.2

9/2019 - 11/2019

Will migrate additional-5.2M Customer Ship To and GSD Asset Location records from 2 legacy systems: Slebel SAP O&C, CRS, MDCP

Partner Profile

- Partner Party Creation on the •
 Fly
- Integrated Party Search Service
- Incremental Partner enhancements (Publication Subscription Model, Partner EMDM Framework Logic)
- Support EMDM integrations

Contact Data

- Contact Person Creation on the Fly
- Integration of GRS, S4, & Hybris with MDCP Contact
- Contact migrations (Hybris, ONC, S4)
- Enable Partner contacts & bridge to Partner Portal & Hybris

Company Data

- · Global Trade compliance enhancements
- · Expand Entity MDM service for integrations
- Incremental EMDM enhancements (merge, TAX Pointer, masking confidential accounts, verify unverified accounts, internally sourced indicator, inter company search)
- · Harden integrations (Bridge 11 & D&B)

Company Hierarchy

- Establish integrations with CPO_S4_WW_CSN
- Incremental enhancements to EMDMH (Profile rules logic, profile migration, M&A, data model
- EMDM/EMDMH audit support and merger and inactivation of party



LR1 - 3/2020

Partner Profile

- Incremental enhancements to Partner capability (UI, DL, Pub Sub, data model, API)
- Data maintenance for Partner & Party ID
- Integration with SFDC & Partner Portal

Contact Data

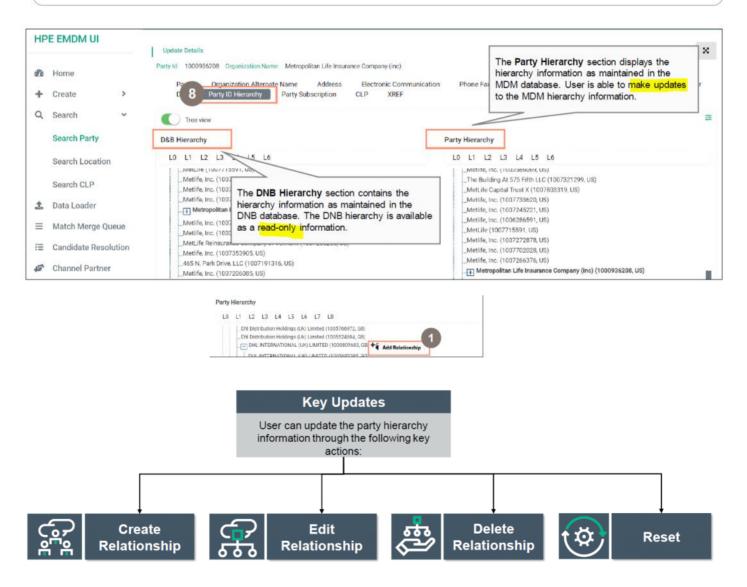
- Integrate Check Engine with MDCP Contact
- Enhance party search & EMDM real time web service
- Support Credit & Collection contacts for Global Trade

Overview of Party Hierarchy



Party ID Hierarchy is a new tab added for a party record within the EMDM system. This tab lists the hierarchy of a record based on the DNB hierarchy. EMDM system allows user to maintain and update the party hierarchy as per the requirement. Party Hierarchy is managed and updated using the Data Loader functionality.

Key Features EMDM system allows users to: 1. View the DNB and Party Hierarchy on the same screen. 2. Create/update Party Hierarchy using the search functionality. 3. Search or filter hierarchy using effective date, country, and OOB flag. 4. Make mass update to hierarchy using data loader functionality.

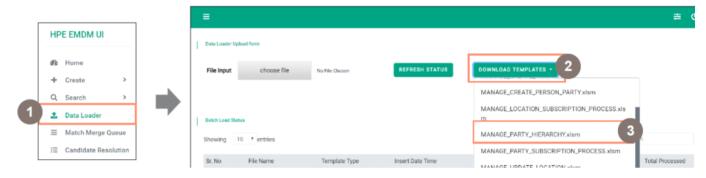


Steps to Make Bulk Updates to Party Inclaining

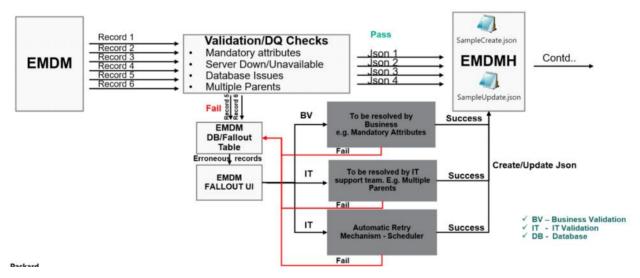
EMDM system allows user to make party hierarchy updates to bulk records at one go using the Data Loader functionality. Data Ioader dashboard offers the possibility to download a desired template, upload a DL file, trace the upload progress, and view success/error details.

Execute the following steps to update the party hierarchy information for bulk records:

- 1. Click the Data Loader option on the EMDM homepage. This will open the Data Loader Upload form screen.
- Click the **Download Templates** button and download the required template. For example, download the Manage Party Hierarchy template.
- 3. There are various templates available, select Manage_Party_Hierarchy.xlsm option. This template allows user to upload updates to be made for hierarchy data for bulk party records.

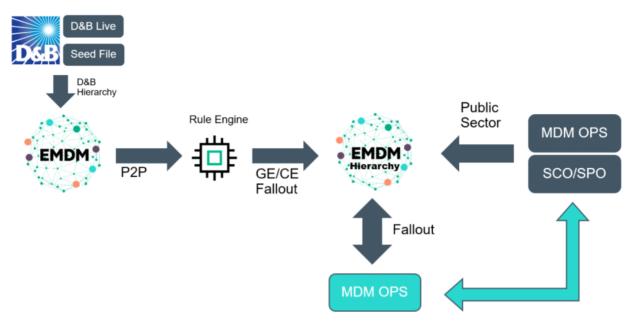


EMDM fallout Management



- select * from [MDM_PUBLISH].[dbo].[JMS_MESSAGE];
- select * from [MDM_PUBLISH].[dbo].[CMPNY_HRCHY_LOG];
- select *from [MDM_PUBLISH].[dbo].[CMPNY_HRCHY_ERROR];

Company Hierarchy Initialization Logic.



EMDM - EMDMH - CPP Flow

