

ENTITY MDM TRANSFORMATION OVERVIEW

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
- More **Self-Service** data consumption

Entity Data



Partners

Vendors

Customers



Contacts

Marketing

Partner

OM

Service Contacts

Enabling Key Benefits

Connected, real-time data available end-to-end



Greater data accuracy and dependability



Insight for more targeted experiences



Supporting faster E2E business processes



Faster E2E process through data quality and self-service



ENTITY DATA DOMAINS

Company

- 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

Company XYZ 120 Celebration Blvd. Celebration, Florida, 34747-2341, US

Tax Id: 12-345678, Site DUNS ... Domestic DUNS, ... Global DUNS ...

Business Relationship: Customer

Company Hierarchy

- Company hierarchy representing legal ownership of who owns who
- Groupings available at the country and global levels

Partner Profiling

- Leverages party model and adds a better visibility to the relationship between partner and HPE
- Partner business relationship is driven by the Partner contract signed with HPE

Contact

- Contact: A person who conducts business with HPE
- Contacts are associated with Parties
- GDPR / Global Privacy compliance

- Business affiliation of the partner to HPE providing visibility Medal status and rights
 - Channel Partner: Distributor
 - Channel Partner: OEM
 - Channel Partner: T2 Reseller ...

First name
Middle name
Family name
Business email OR
Business Telephone
Country of residence

Used on transaction (eg system manager contact or end customer contact)

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





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

Business Relationship definition

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

Example

Company XYZ 120 Celebration Blvd. Celebration, Florida, 34747-2341, US

Tax Id: 12-345678,

Site DUNS ... Domestic DUNS, ... Global DUNS ...

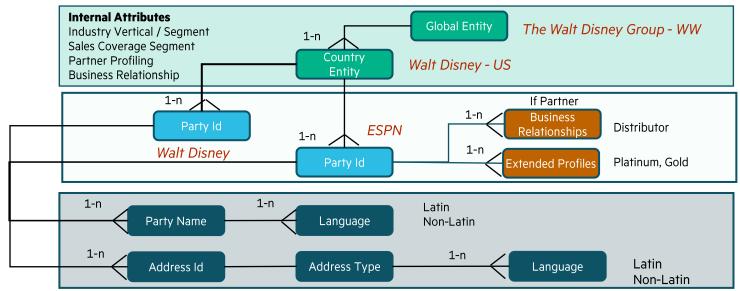
Business Relationship: Customer





ENTITY MASTER DATA MODEL - CONCEPTUAL OVERVIEW

Party and Company Hierarchy



D&B entity type = HQ, subsidiary, branch

DUNS = GU, DU, Site DUNS

External Attributes = SIC codes, Industry V/S, # employees...

Business Relationship (rolldown) = Customer, Vendor, Partner, Competitor

Type = Organization, Individual

Standard = Y/N

Internal = Y/N

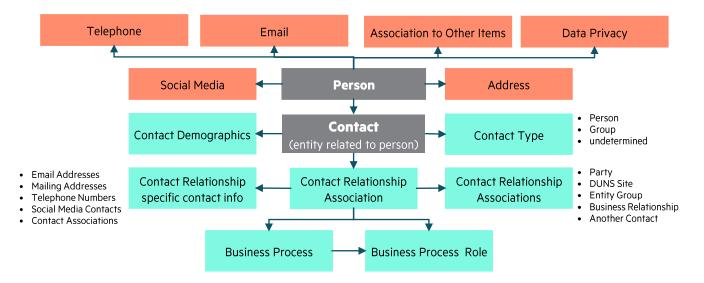
Address (DNB enriched with Address Doctor): 545 Middle Street. Bristol, CT 06010

Standardized Address (ADS): 545 Middle St. Bristol, CT 06010

Source Address: DNB or other internal source

Contact

- 1. Contact MDM Foundation
 - a. e2e Contact Data Integration (SFDC, PointNext, sERP)
 - b. Data Privacy management including GDPR
 - c. Match, Merge, Update & Enrich scalable capabilities
- 2. Search Capabilities (SFDC, PointNext, S4, etc.)
- 3. Partner Contacts (future Integration; PRP/DXP, SFDC)
- 4. Demographics
 - a. Crowd Sourced Categorization of Contacts
- 5. Can be associated to Company of Employment (if available)
 - a. Store Party ID on the Contact Record

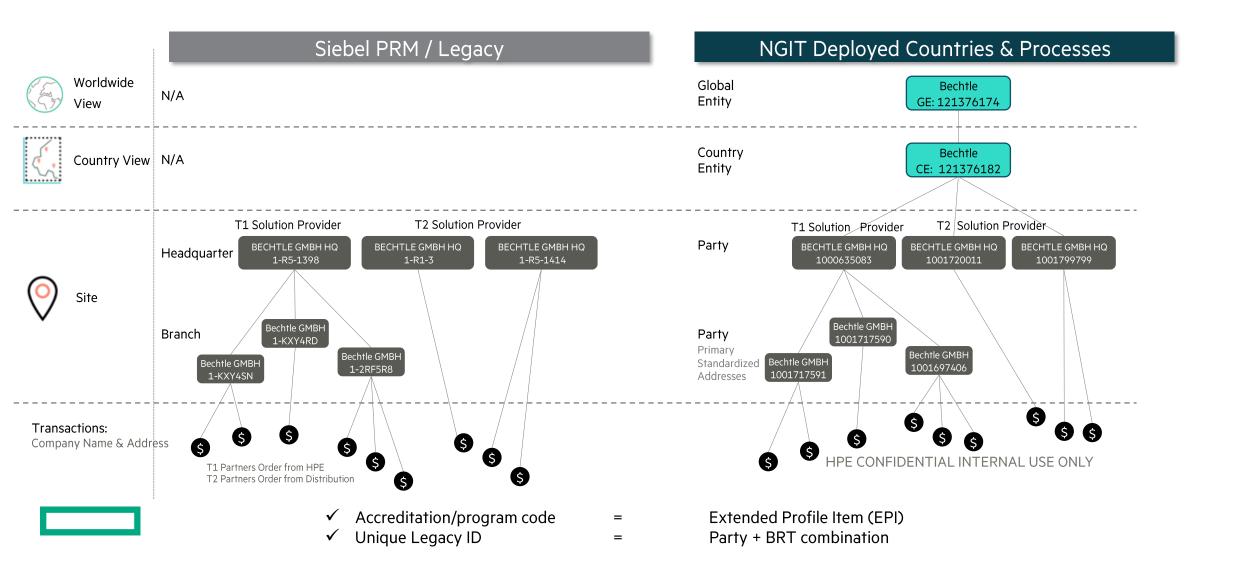


PARTNER HIERARCHY EXAMPLE

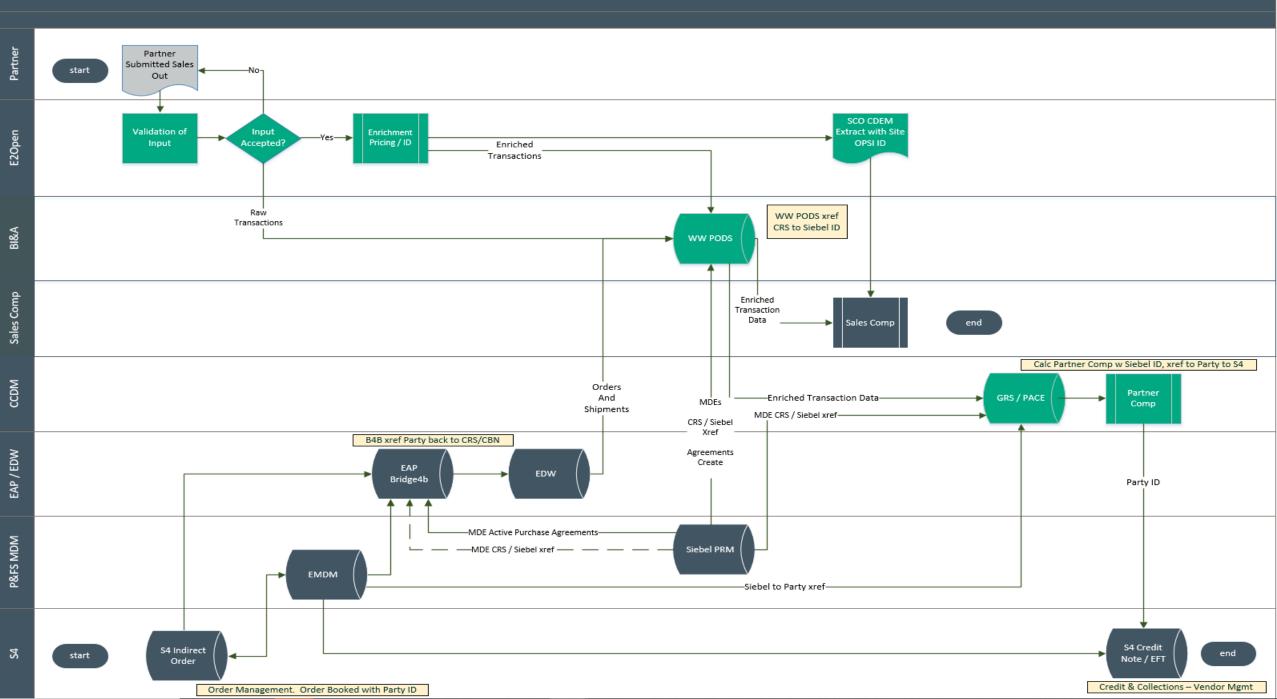
Downstream UNTIL

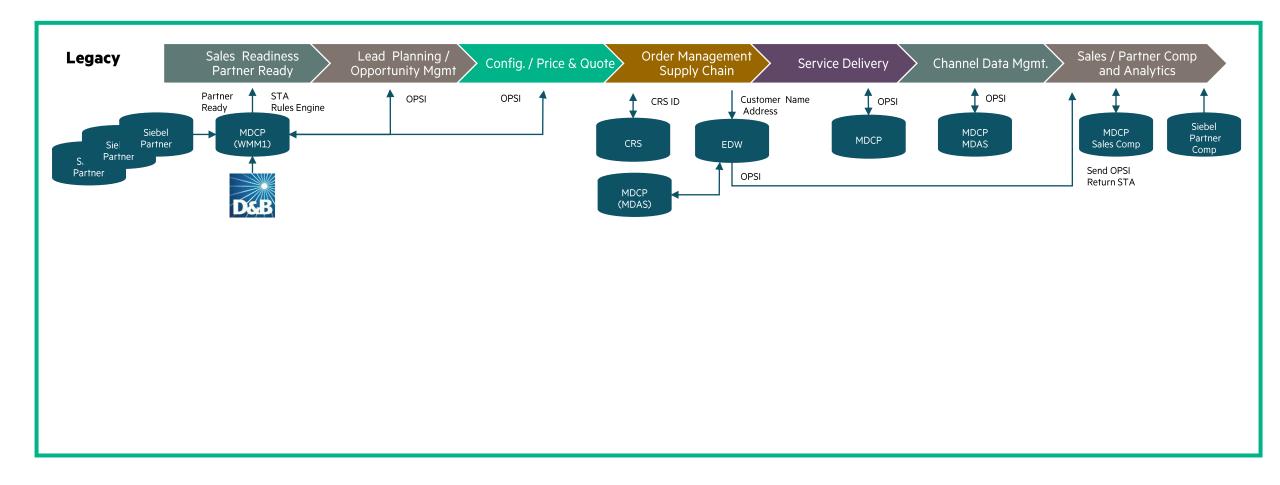
SFDC -20 March

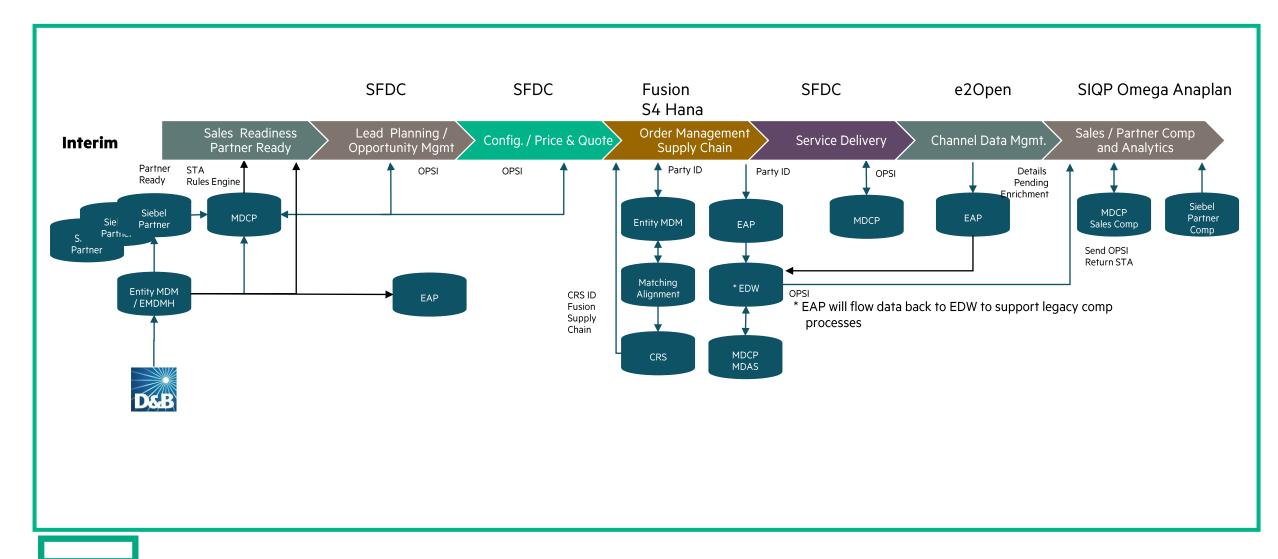
Partner Comp – end FY21 PRP – Jan/Feb(will retire)

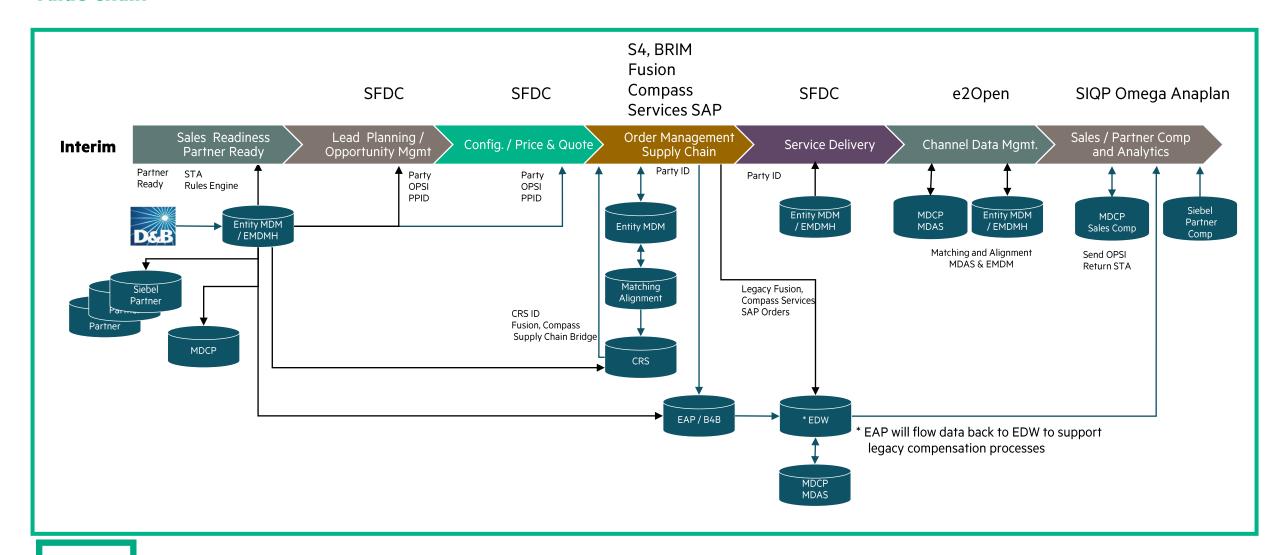


BACKUP

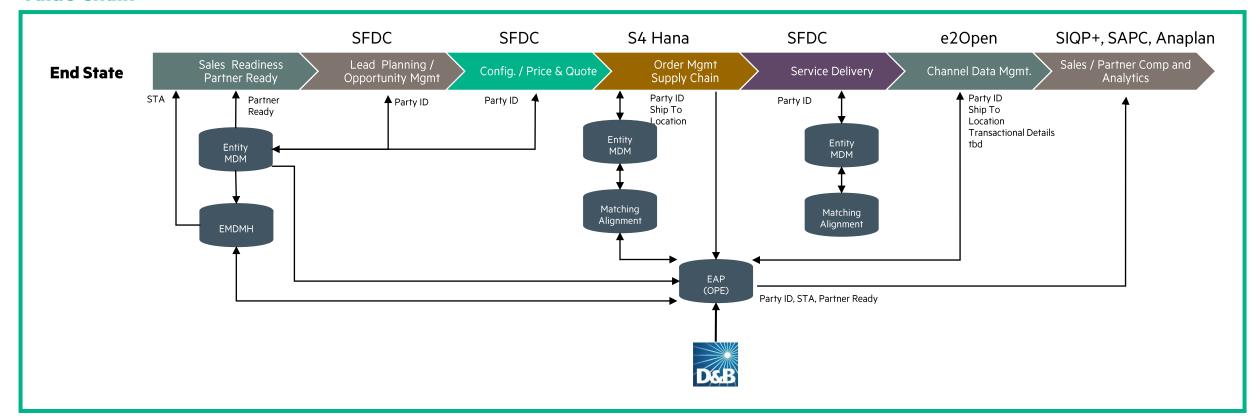








Hewlett Packard Enterprise





ENTITY MASTER DATA INTO EAP

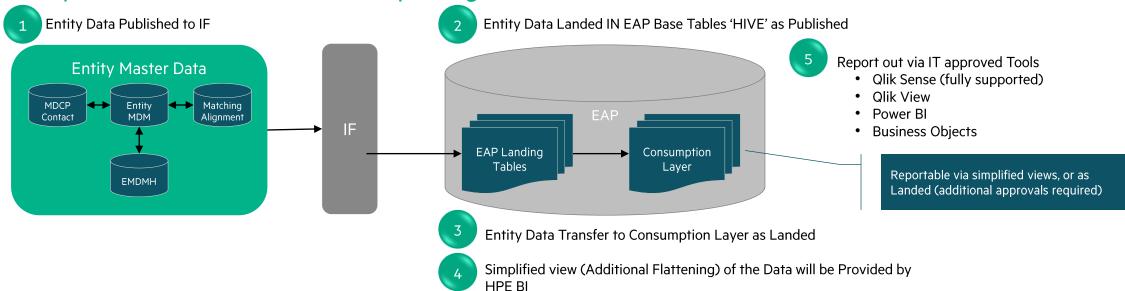


Data is Published, Landed, then Reportable

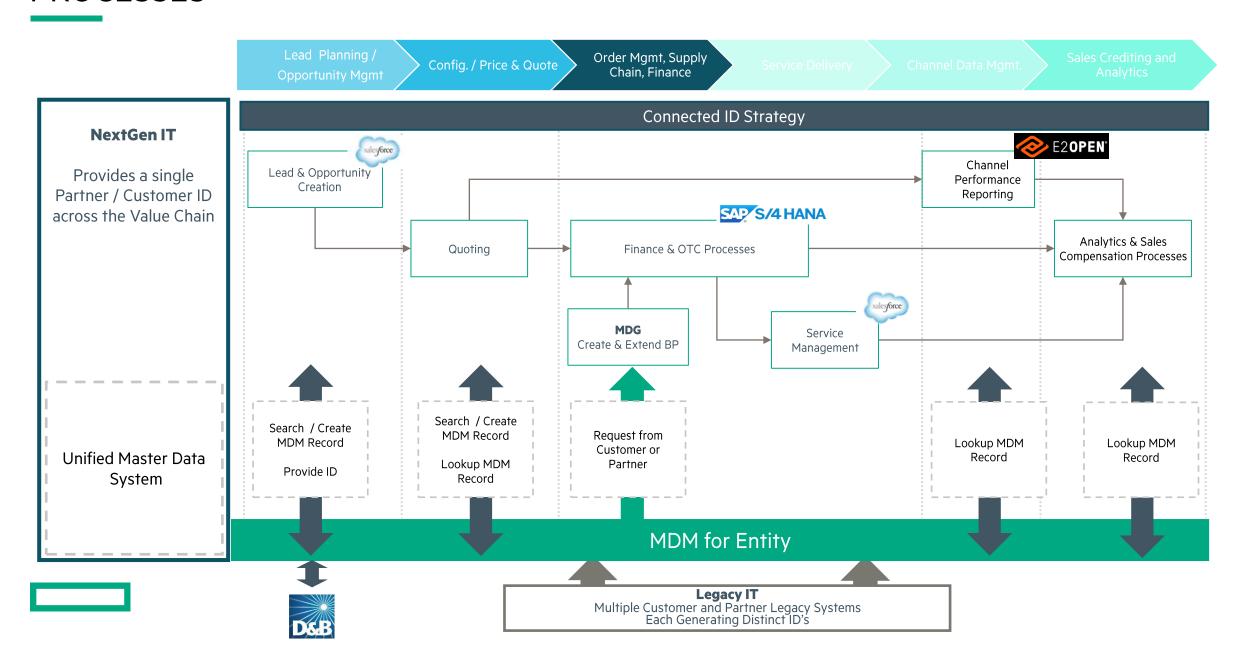
EAP Usage Rules

- Direct HIVE (back end table) access to Entity Master Data objects will require approval from Entity Master Data Mgmt
- Export of full Entity Master Data sets out of EAP ("data dumps") will require approval from Entity Master Data Mgmt
 - Offline business processes or solutions using EAP Entity Master Data require approval from Entity Master Data Mgmt
- EAP Entity Master Data must be used for the stated purpose in the business justification when access was requested.
 - EAP Entity Master Data must not be used or shared with anyone outside of the stated purpose provided in the business justification when access was requested without Entity Master Data Mgmt Approval

Entity Master Data Flow to EAP Reporting



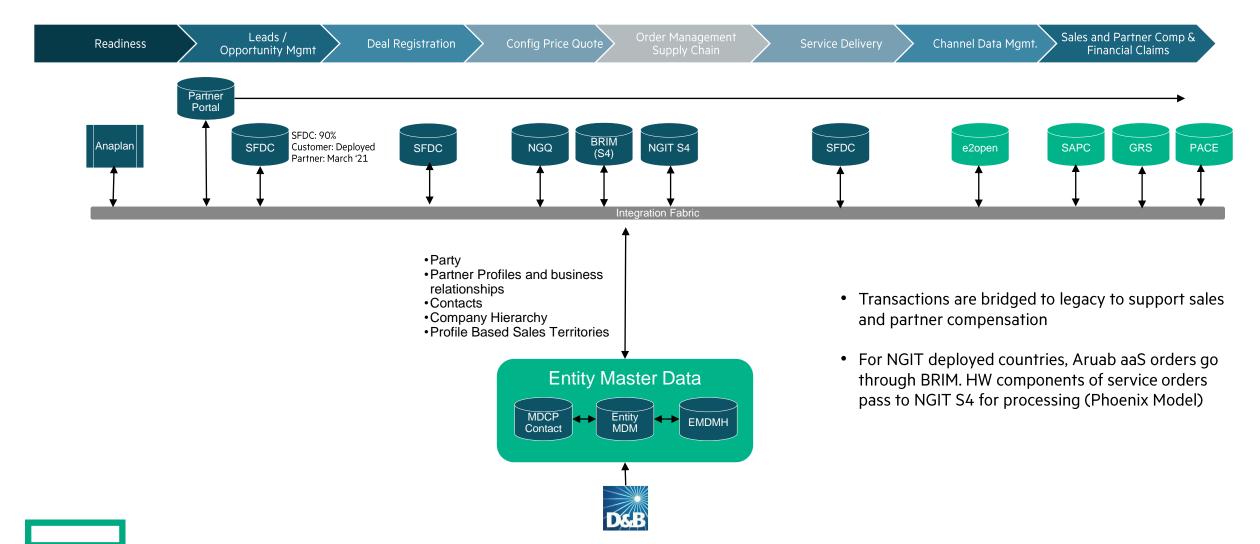
STREAMLINING INFORMATION CAPTURE FOR USE IN END-TO-END PROCESSES





NGIT - Current State High Level Solution Overview

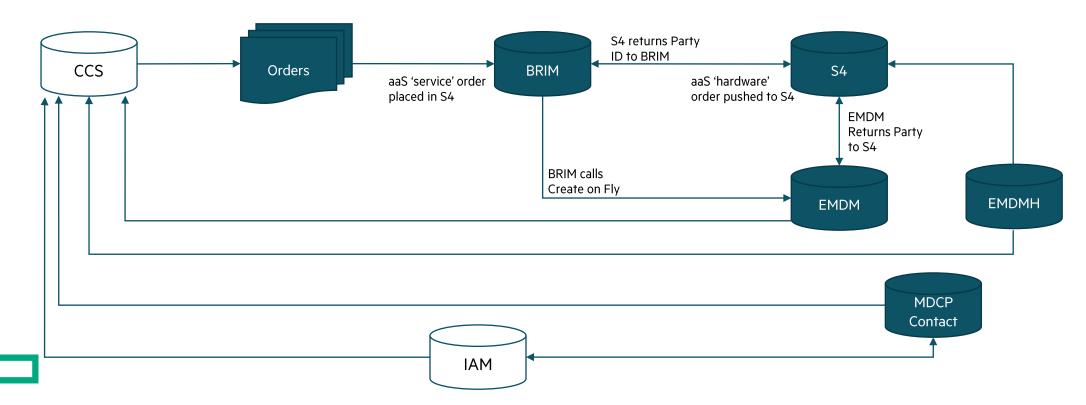




COMMON CLOUD SERVICES: KEY GOALS



- Cloud Portal Enable consistent "as a Service" experience to <u>customers</u>
 - Develop and operate a <u>Cloud Portal (cloud.hpe.com)</u> with common services
 - Simplify the customer experience
 - Enable HPE customers and partners to interact with backend IT systems from the cloud for common services like Customer onboarding, license management, device entitlement, etc.



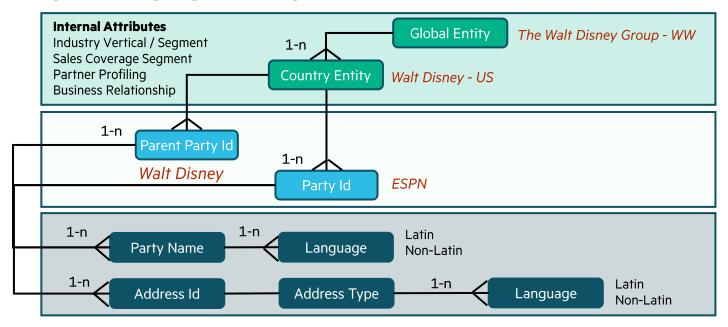
BACKUP

Deep Dive



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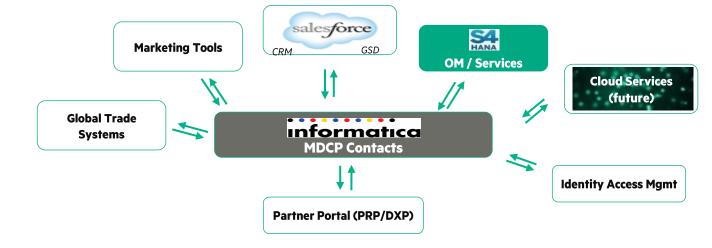
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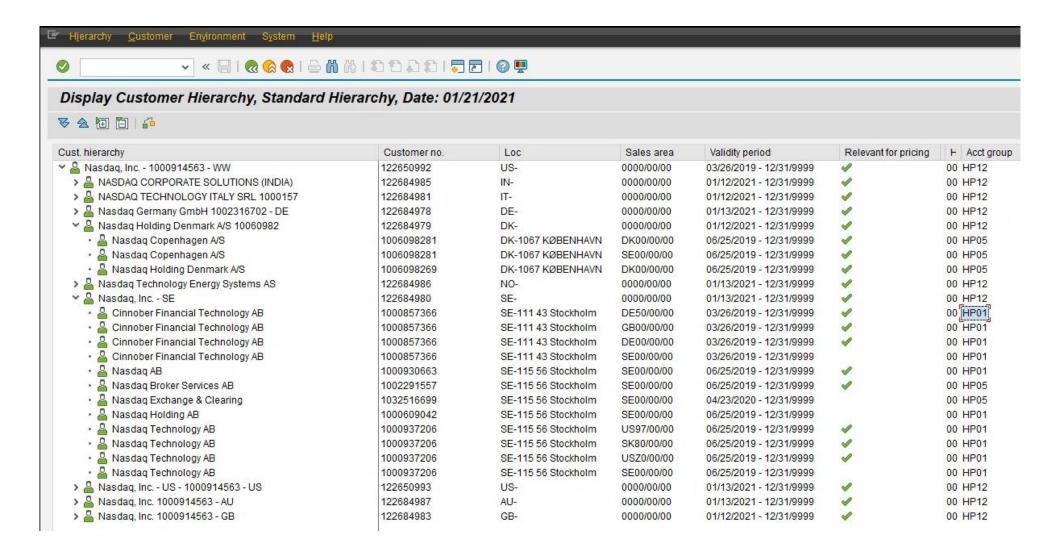


Contacts

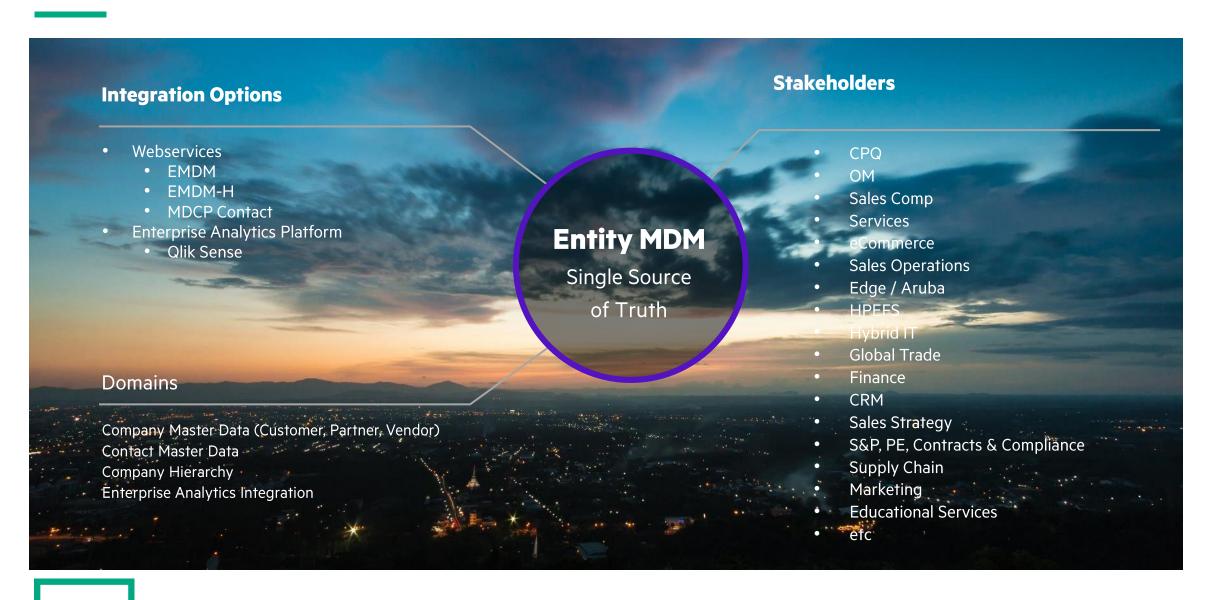
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ENTITY HIERARCHY IN S4



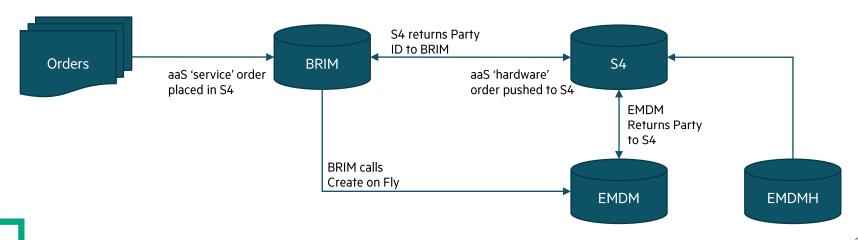
INTEGRATION SCOPE



BRIM



- Billing and Revenue Innovation Management
- BRIM is another instance of S4 that enables consumption-based invoicing
- Approach for BRIM:
- BRIM will utilize NGIT S4 as the "SAP system of reference"
- Entity data from S4 replicates to BRIM using SAP out of the box capabilities whenever any creation or change happens in NGIT S4
- BRIM connections to Entity leverage existing API's and Services; Party Lookup, Create, etc...
- Mtp was December 18, 2020. Production validations in process



CUSTOMER/PARTNER ROLES ON TRANSACTION DEFINITIONS

- Parties (Company Legal entities) could assume different Roles on transactions depending on the business scenario.
- ☐ Same legal entity could be associated to multiple roles within a transaction.

Customer/Partner Roles on Transactions	
End Customer	Company Organization paying a price to ultimately use or consume HPE products/services purchased directly form HPE, from an HPE Distributor/Reseller or as part of a third-party solution package (provided by OEM, Service Provider). End Customer can be different from the Sold to, Ship to or Entitled Party.
Entitled Party	Company Organization which is entitled to receive support services on HPE products. End Customer or HPEFS, OEM, Service Provider providing a solution package to an End Customer could be tracked as Entitled Party
Sold-to	Company Organization which is legally requesting a quote or an order. It includes the name and address of the requesting party (legal entity buyer).
Payer	Party financially obligated for remittance on the transaction. The Payer can be different from the Sold To.
Bill-To/Invoice-to	Company Organization Name and Address representing the Mailing location for the invoice.
Ship-To	Company Organization Name and Address where the goods and/or service from HPE will be delivered. The ship-to can be different from the final Asset Location.
Asset Location	Actual physical address where the HPE goods end up being located, could be a different legal entity than End Customer Organization (Service Providers data centers / server farms) and different from original Ship To Address
Reseller	Company Organization buying products, services or support from Distributors or Sub-distributors and selling to End Customer.

EMDM VOLUME

