ThinkRIT

Partner On Boarding & Deployment Scenarios

One Dealer Integration Layer

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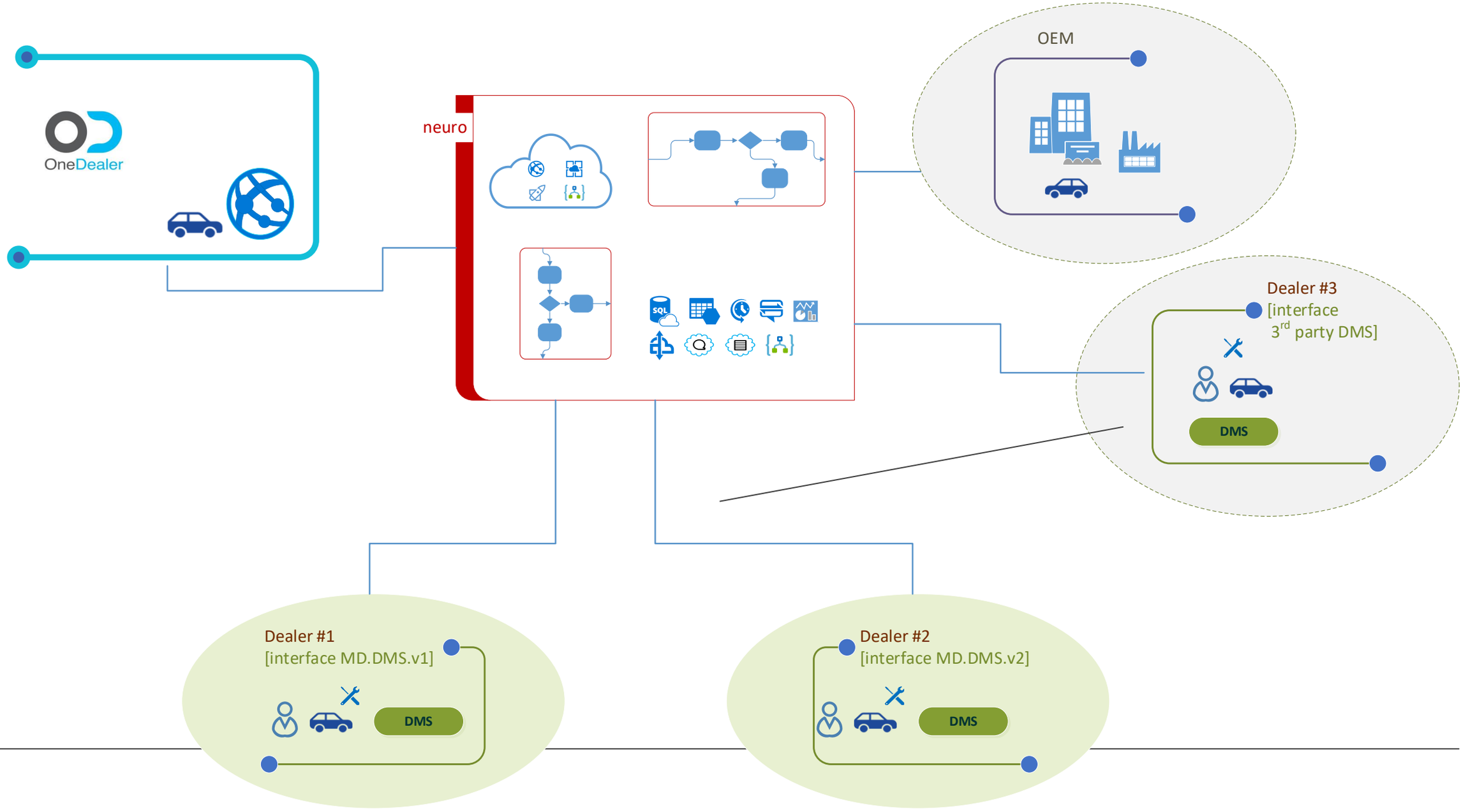
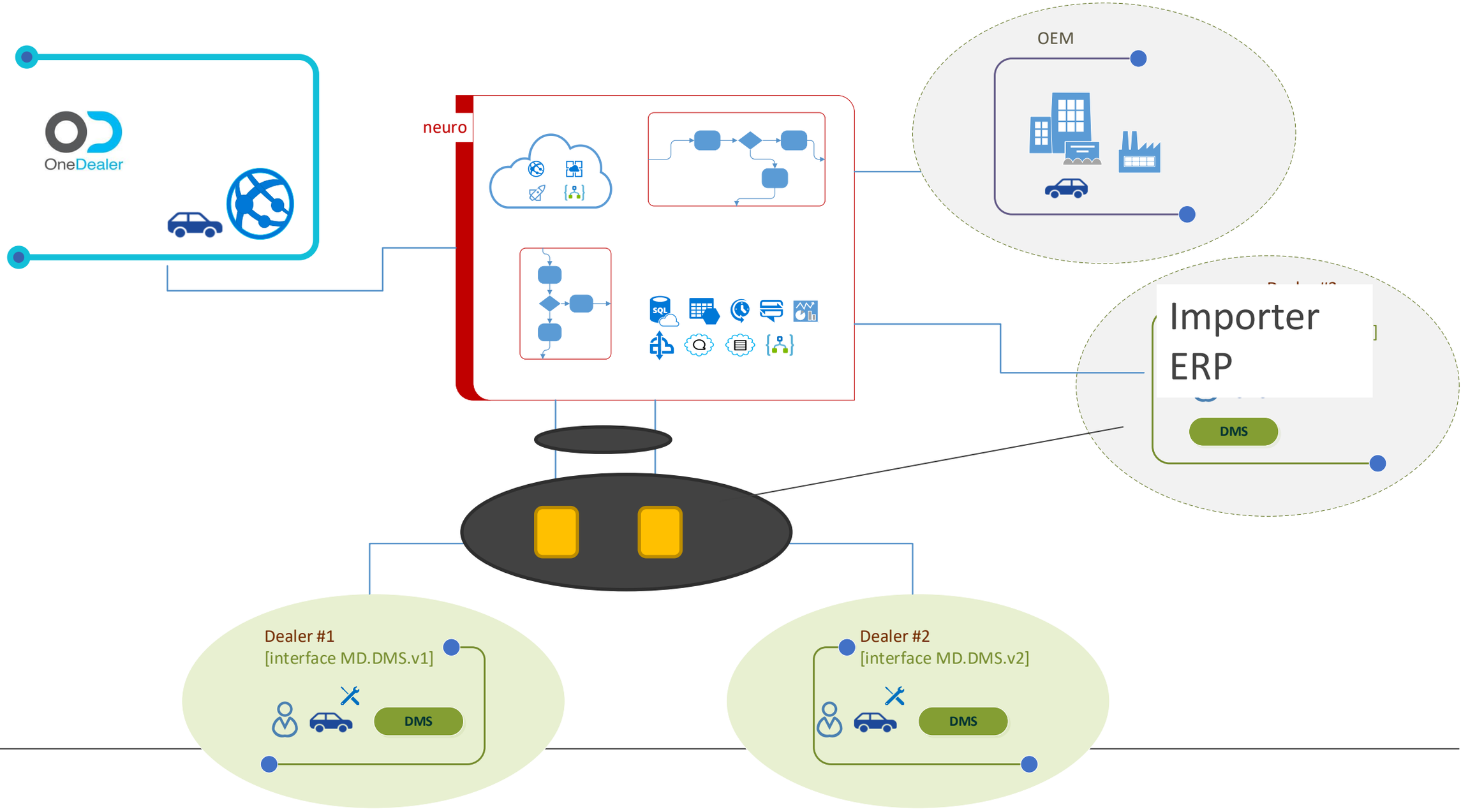
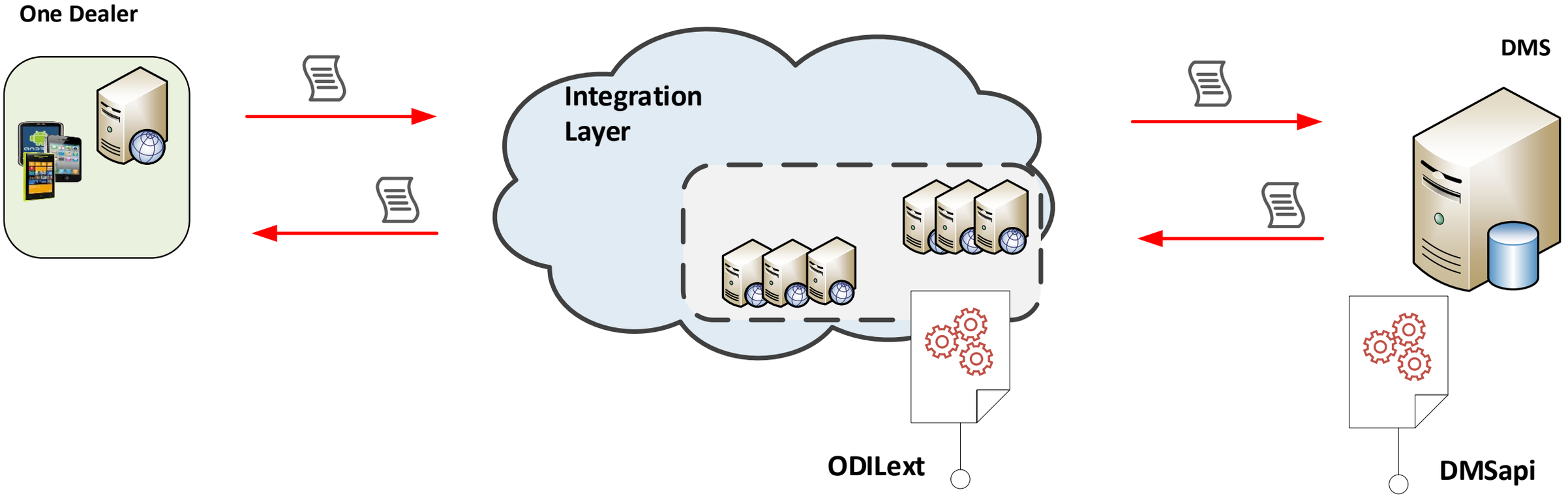
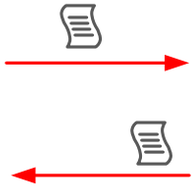
Agenda

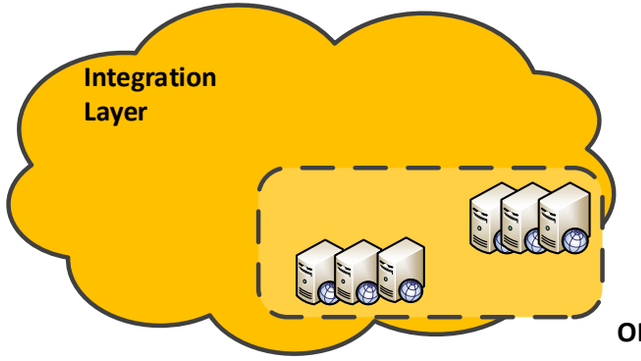
- **Overview & Integration Process**
- break
- **APIs, tools, Setting up an integration project**
- **QA**


OneDealer
neuro
OEM
Dealer #3
[interface
3rd party DMS]
DMS
Dealer #1
[interface MD.DMS.v1]
DMS
Dealer #2
[interface MD.DMS.v2]
DMS

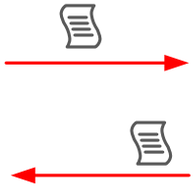

OneDealer
neuro
OEM
Importer
ERP
DMS
Dealer #1
[interface MD.DMS.v1]
DMS
Dealer #2
[interface MD.DMS.v2]
DMS


One Dealer
Integration
Layer
ODILext
DMS
DMSapi



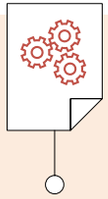


ODILext



DMS

DMSapi



Inquiry
- **Send**

Vehicle
- **Send**/Search/Get
- TransferRequest

Reservations
- ReserveRequest

Customer
- **Send**/Search/Get

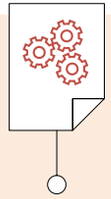
Sales Order
- Send/**Get**

Purchase Order
- Send/**Get**

CP, Address
- CRUD functions

Master Data
e.g. OEM Model Tree/Prices
- **Send**

Reference Data
e.g. Salutations, Codes, Branches,
- Get



Inquiry
- UpdateStatus

Vehicle
- Send/Search/Get

Customer
- Send/Search/Get

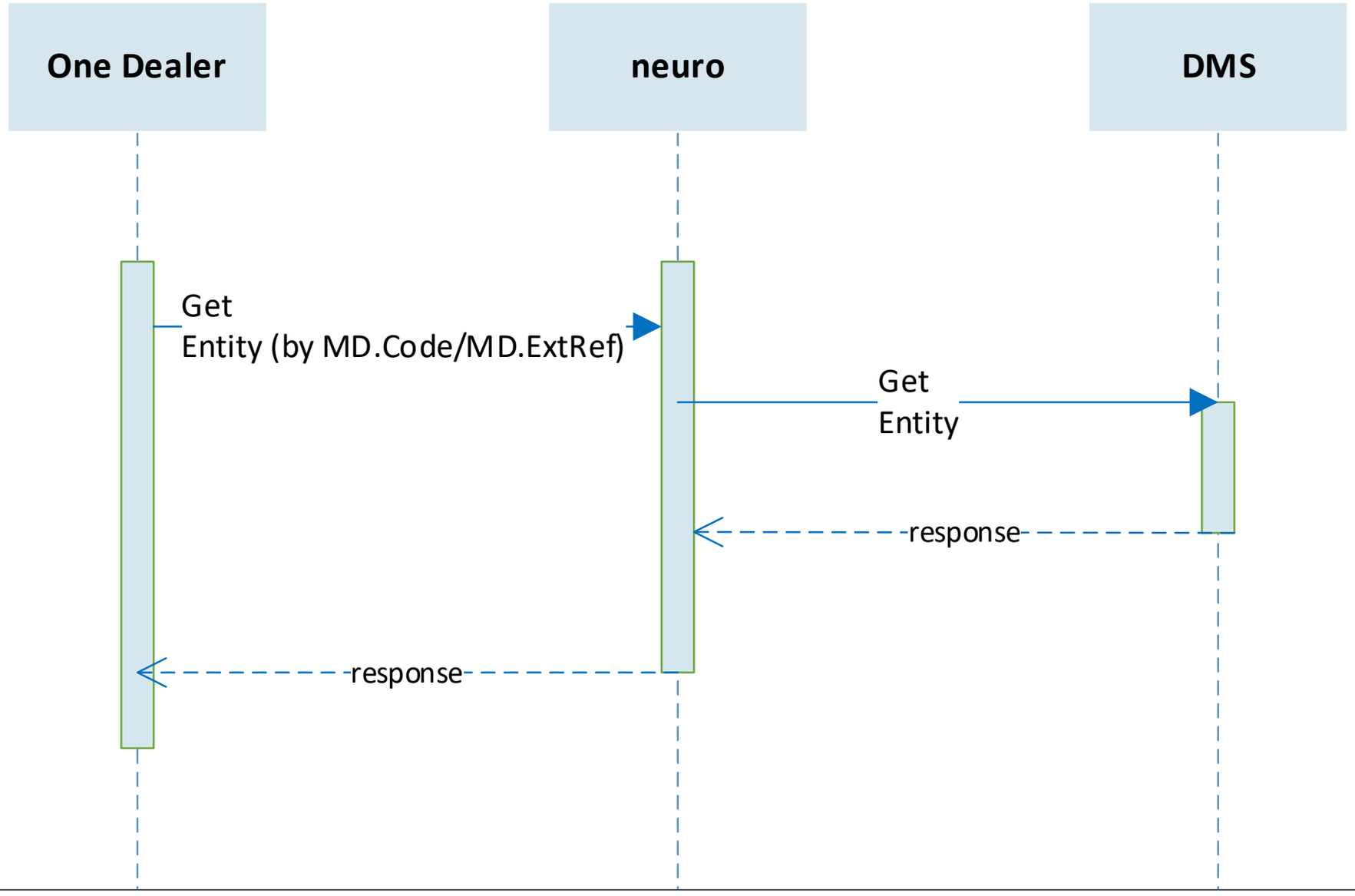
Reservations
- ReserveRequest

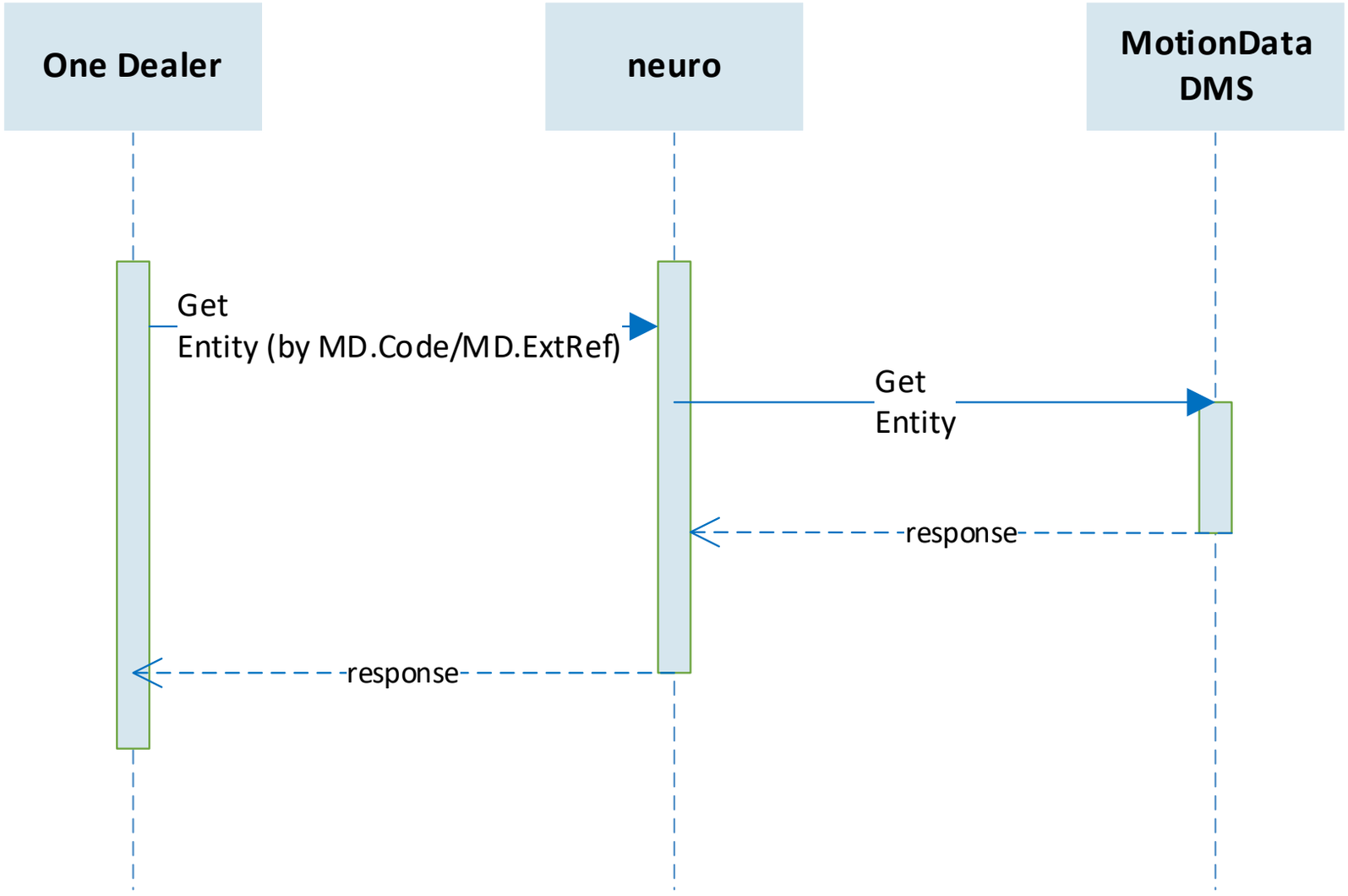
Sales Order
- Send/Get

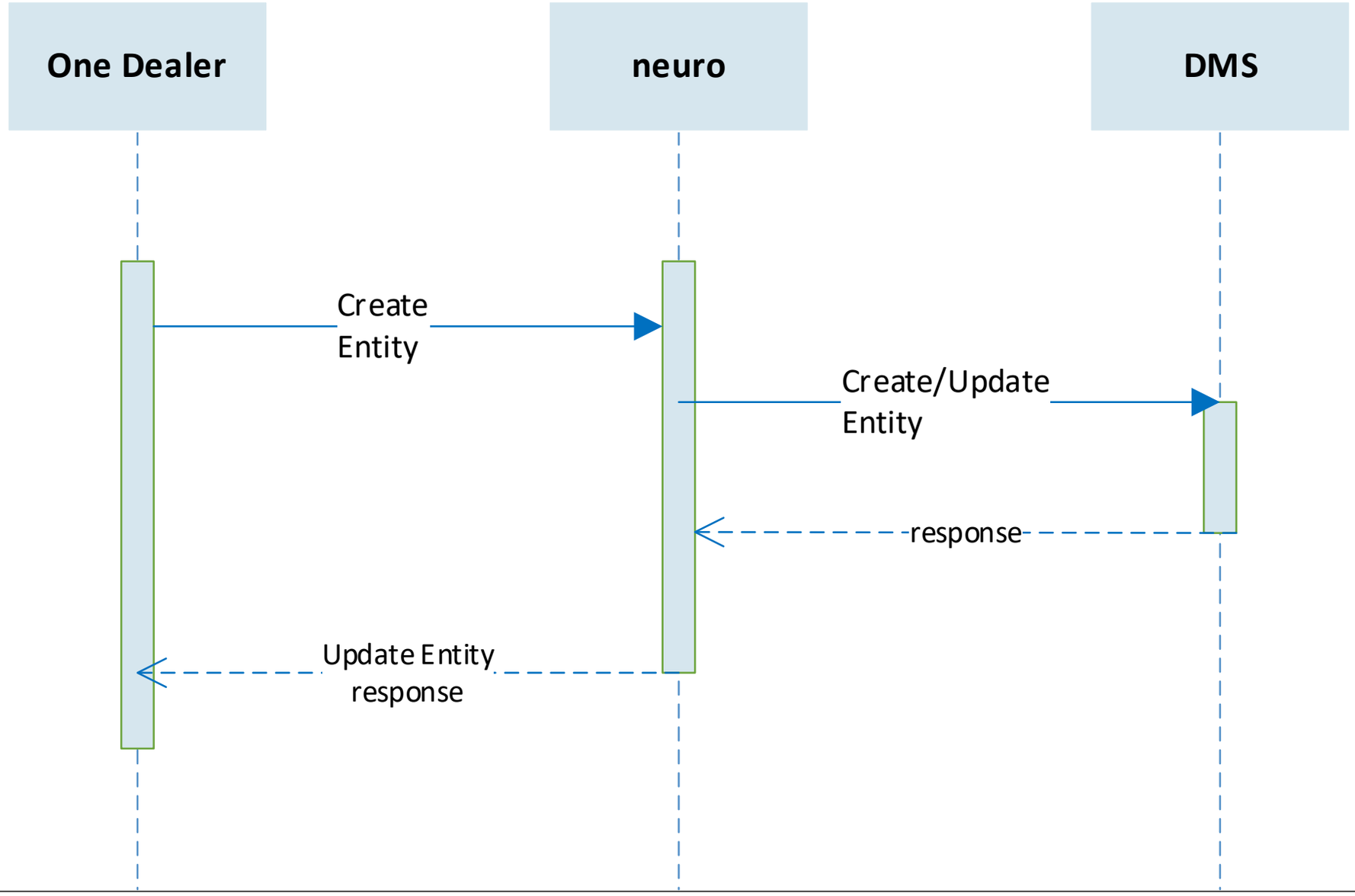
Purchase Order
- Send/Get

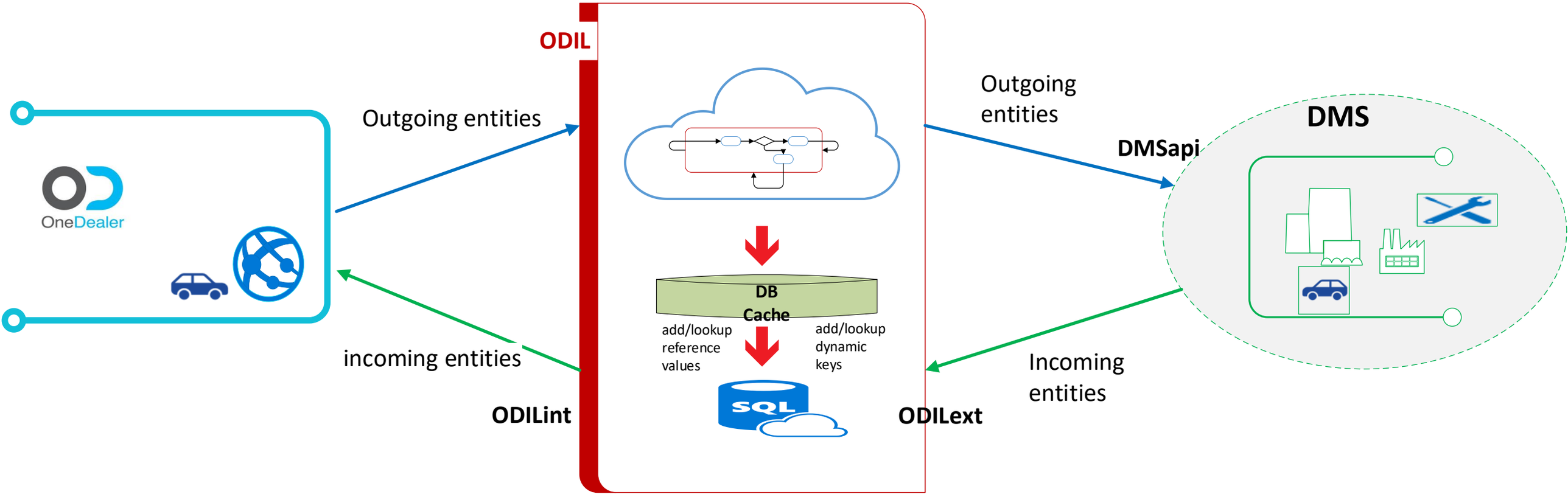
CP, Address
- CRUD functions

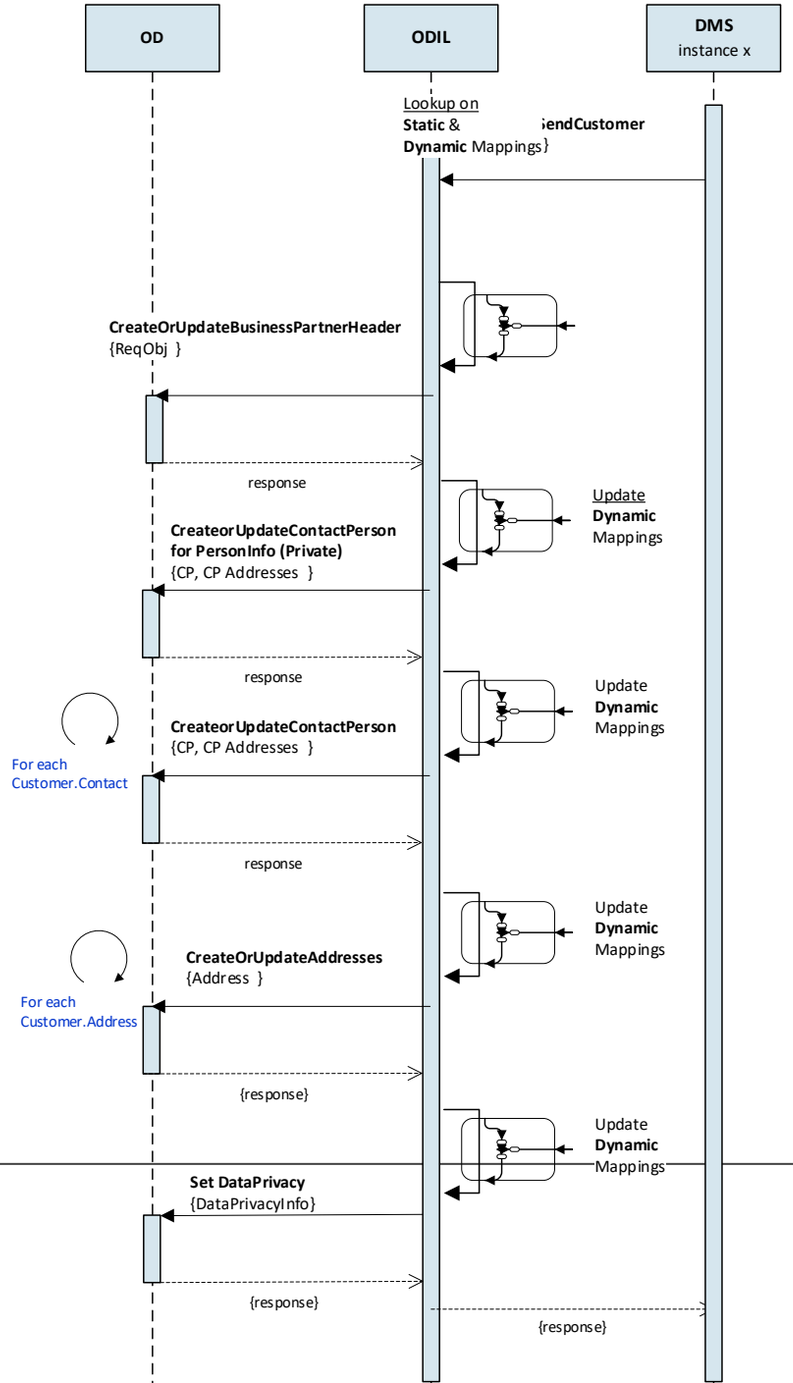
Reference Data
e.g. Salutations, Codes, Branches,
- Get


One Dealer
neuro
DMS
Get
Entity (by MD.Code/MD.ExtRef)
Get
Entity
response
response


One Dealer
neuro
MotionData DMS
Get
Entity (by MD.Code/MD.ExtRef)
Get
Entity
response
response


One Dealer
neuro
DMS
Create
Entity
Create/Update
Entity
response
Update Entity
response


ODIL
OneDealer
Outgoing entities
incoming entities
ODILint
DB
Cache
add/lookup
reference
values
add/lookup
dynamic
keys
SQL
ODILext
Outgoing
entities
DMSapi
Incoming
entities
DMS

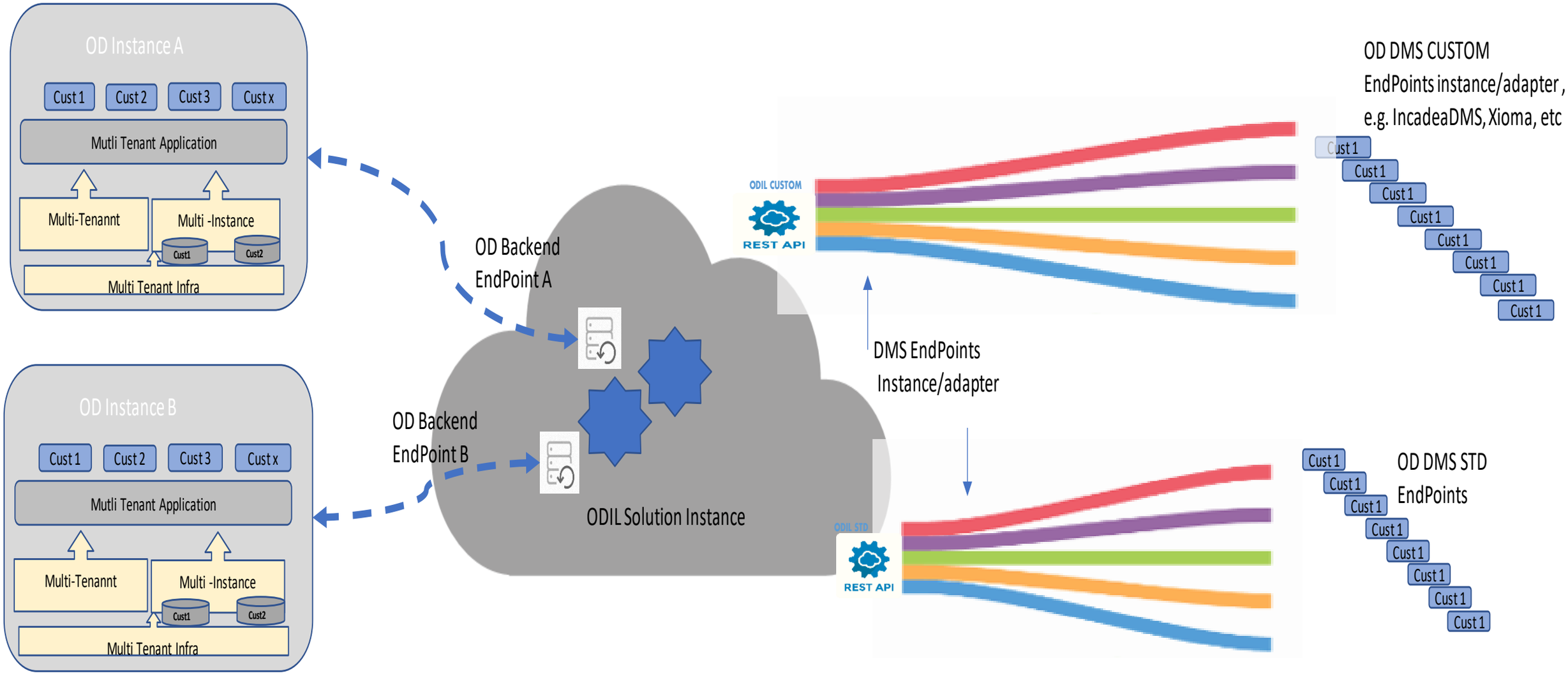

OD
ODIL
DMS
instance x
Lookup on
Static &
Dynamic Mappings}
endCustomer
CreateOrUpdateBusinessPartnerHeader
{ReqObj }
response
Update
Dynamic
Mappings
CreateorUpdateContactPerson
for PersonInfo (Private)
{CP, CP Addresses }
response
Update
Dynamic
Mappings
CreateorUpdateContactPerson
{CP, CP Addresses }
For each
Customer.Contact
response
Update
Dynamic
Mappings
CreateOrUpdateAddresses
{Address }
For each
Customer.Address
{response}
Update
Dynamic
Mappings
Set DataPrivacy
{DataPrivacyInfo}
{response}
{response}

#Option	Activity	Scope	Includes	Deliverables/Assumptions/Prerequisites
0	**ODIL Implementation Kickoff**	**Overview and Setting Up ODIL Integration Project**	- Architecture overview - Communication patterns - Authorization patterns - Integration Process	Day 1 : - project relationship-roles / stakeholders map /Point Of contact - Scope Deliverables - ODIL Overview / Architecture -Tools / Processes overview and working principles - Setting Up Integration Project and Tools and walkthrough - Baseline Project Plan
0	**ODIL APIs Detail Scope Definition**	**Detail Review APIs and integration Process** **Identify any major GAPs**	Technical & Functional API review Hands-on on API tools usage Identify GAPS / Risks Outcome : Project Scope / Issues Tracker	Day 2: ' - Detail APIs Documentation Walkthrough -OD Process (performed by OD Team) -API services and entities detail review - Swagger API demonstration / use /testing - Identify GAPs / Risks /Actions (per API)
0	**ODIL APIs Integration plan**	**Lock Scope & Project Plan**	Scope Mgmt. (APIs , Issues , GAPs , Risks) Integration Project Plan	Review ODIL knowledge base for scope mgmt. . Review any Integration Issues with Partner Solution - compatibility review Agree GAPs, Issues, Risks and action plan. Prepare project plan and with schedule.
1	**Setup Dev/Test environment**	Option 1: Partner EndPoint with Existing OD Environment	- Partner Backend Account , Authentication configuration and verification - Partner endpoint (ODILext) APIs provisioning. - Partner Solution communication is established & tested with EndPoint. -Static Mappings based on Std Inventory values	- ODIL Partner endpoint established with existing backend OD env
2		Option 2: Partner EndPoint with New OD Environment	-OD Environment Backend Registration and Communication Establishment and Testing - Partner Backend Account , Authentication configuration and verification - Partner endpoint (ODILext) APIs provisioning. - Partner Solution communication is established & tested with EndPoint. -Static Mappings based on Std Inventory values	- ODIL Partner endpoint established with new backend OD env.

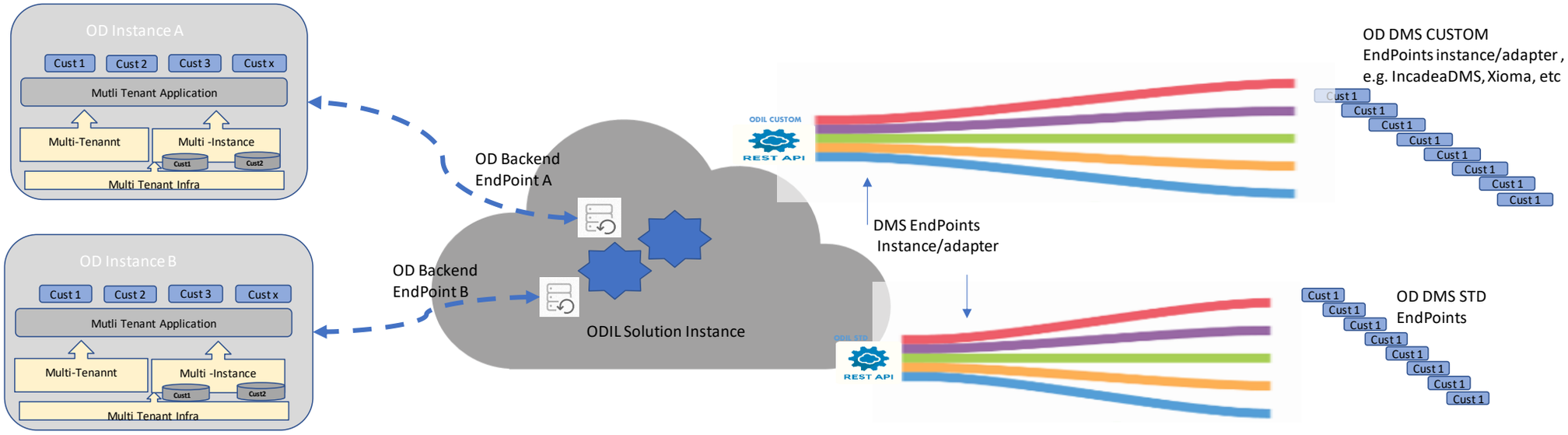
On Boarding Activities (Partner)

#Option	Activity	Scope	Includes	Deliverables/Assumptions/Prerequisites
0	**Project Mgmt. & support**	**Technical Support / Project Mgmt.**	- Regular ongoing check points for the project development status reviews. - Technical forum to clarify Tech Questions related to project implementation	- project status reviews / status updates - answers on Technical Questions - How /To
0	**Integration SIT & Certification**	**SIT testing and Certification**	- SIT Integration Testing - Integration Certification / Close Down	- SIT and Certification upon successful completion of SIT Testing - corrective Action Plan and certification process Remarks : - failed SIT will trigger the repetitive SIT process with same efforts - SIT activities exceeding the planned efforts will be charged on T&M

On Boarding Activities (Partner)



Deployment Scenarios



Deployment components	Purpose
ODIL DMS EndPoint	Establish Dealer Communication with OD Backend based on existing ODIL DMS Instance . Prerequisites ODIL Solution Instance exists / OD Instance Exists / ODIL DMS Instance exists
OD Instance Deployment	OD Instance EndPoint Configuration
ODIL DMS Custom endpoint instance/adapter	DMS EndPoint Custom Instance (custom interface) has been build and Certified (OnBoarding) , usually includes a custom adapter to support the DMS integration logic of the system used by Dealers i.e. Incadea. Lifecycle of 3rd Party system has been agreed and included in the Pαrtner System Contract and includes backwards compatibility model .
ODIL Instance Deployment	Deployment of ODIL instance for a) Geographical Coverage i.e. APAC , AMERICAS etc., or b) OEM with Multiple Dealers request for integration Private instance

Deployment Scenarios

Thank you!!!