



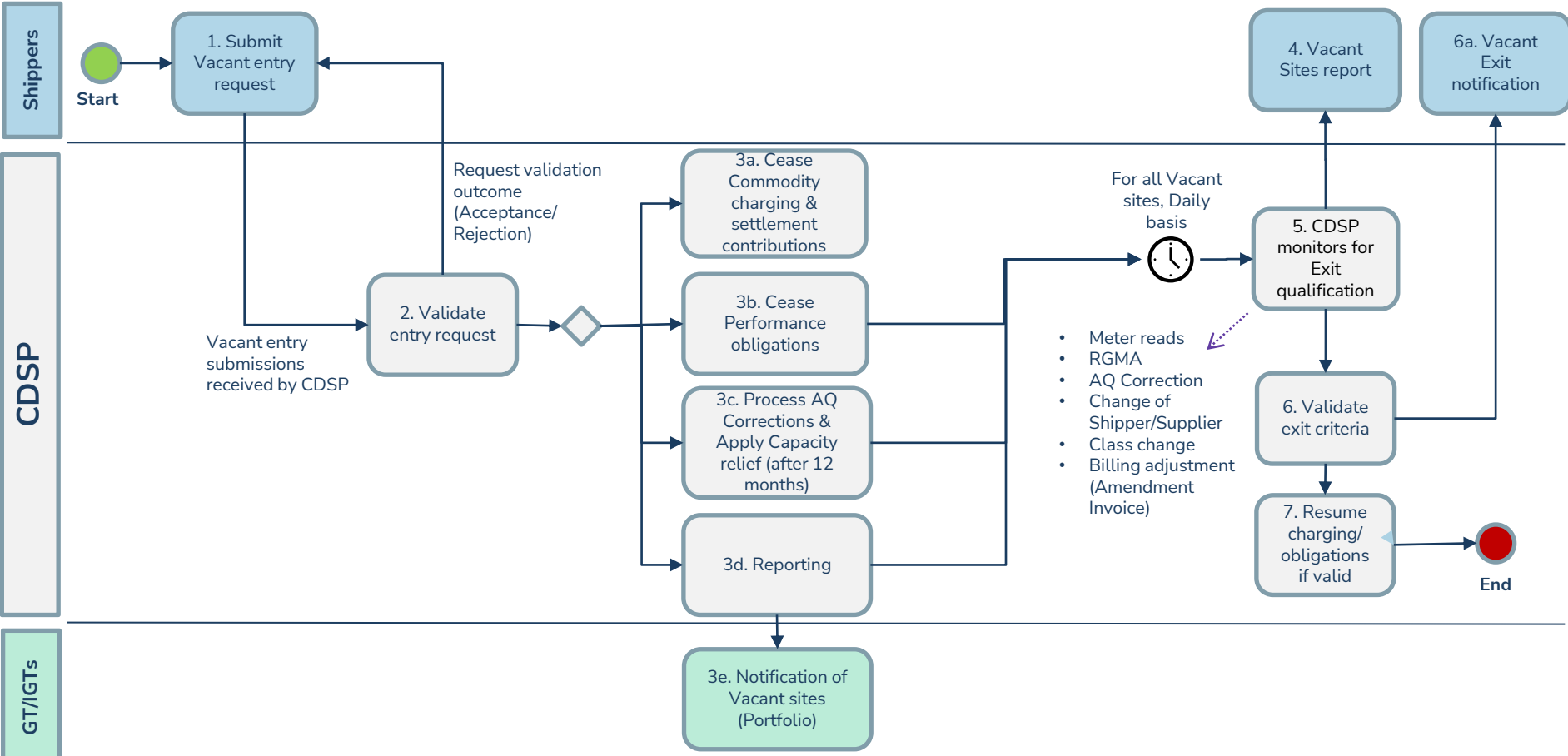
XRN5615 – Establishing/Amending a Gas Vacant Site Process (Modification 0819)

High Level Solution Options

XRN5615 - Change Summary

- **Modification 0819** aims to create a new process for Vacant Product Class 4 Non-Daily Metered (NDM) sites which would allow Shippers to receive immediate commodity and performance relief and capacity relief (after 12 months at vacant status) for sites in their ownership.
- A Supply Meter Point (SMP) must meet the criteria set out in the MOD and associated documentation to enter the new process from the Vacant Site Effective Date.
- When an SMP has had a vacant status for 12 months the Shipper can request to reduce Annual Quantity (AQ) to 1 via a new Vacant Site 'eligible cause' as per the existing AQ amendments process to receive capacity relief from the new AQ effective date.
- An SMP will exit the process when one of the Vacant Site exit criteria (Set out in Modification 0819) is met.
- Additional Performance Report Register (PARR) reporting will be introduced for the Vacant Sites process.

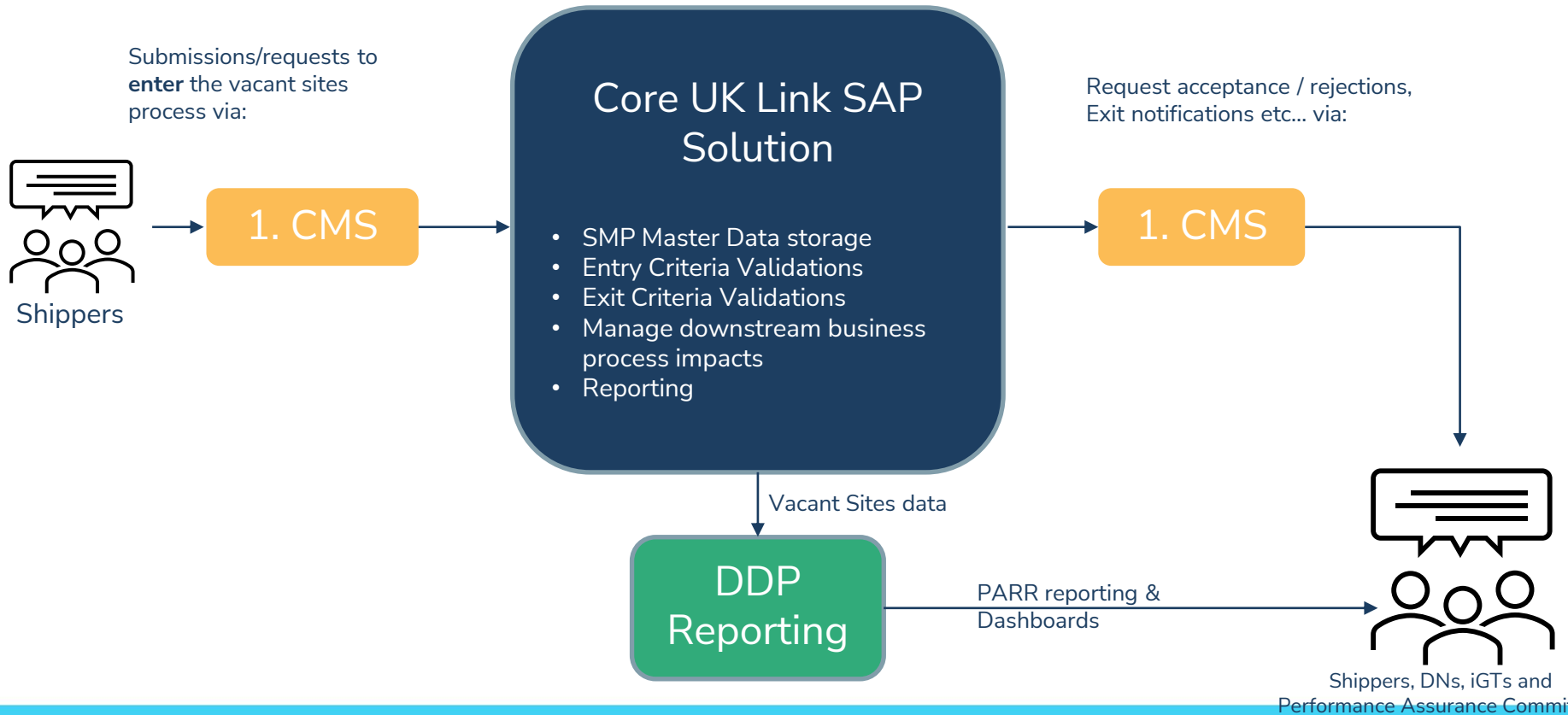
Gas Vacant Sites To Be Process Overview



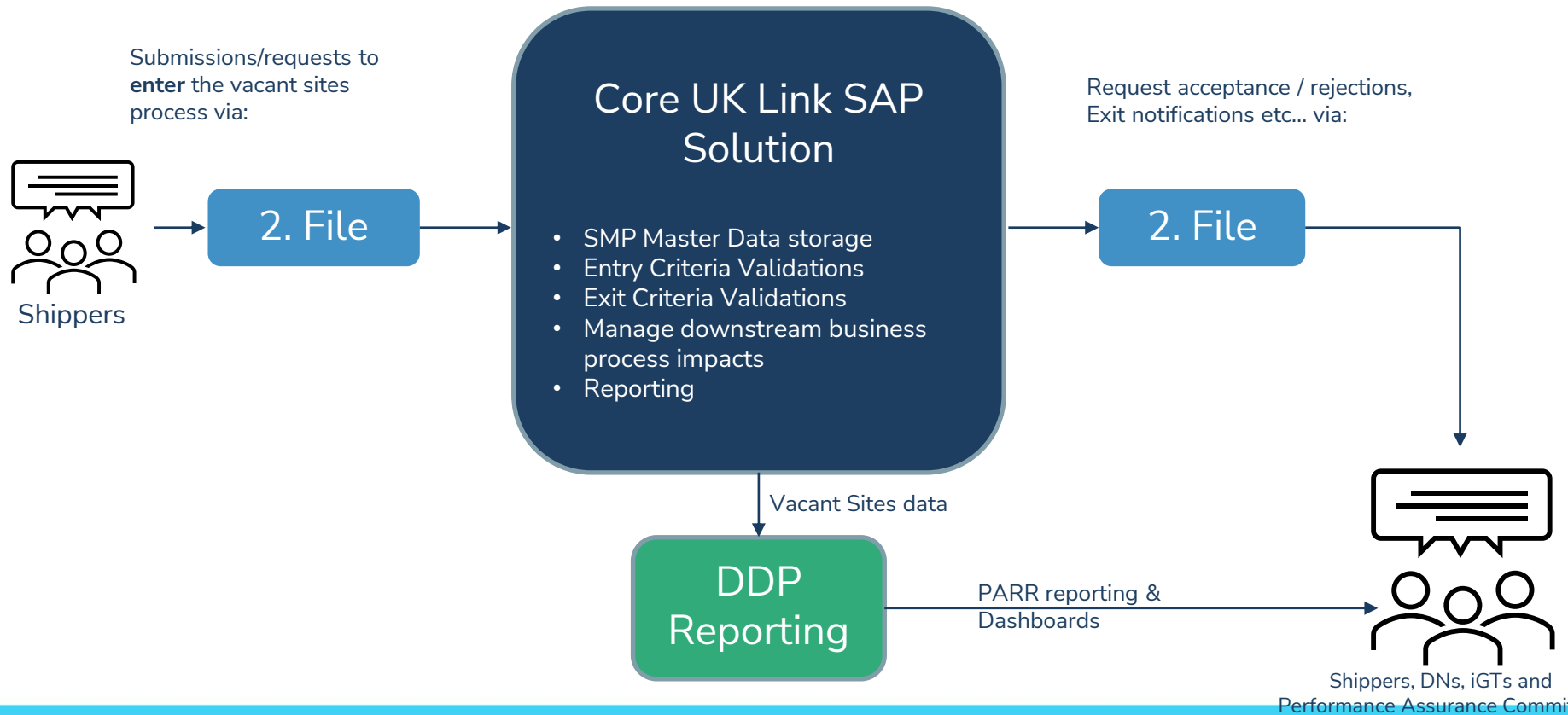
Option Comparison

No	Description	Systems and process impacts	Cost Estimate Ranges	Option Pros	Option Cons
1	Vacant site entry submissions via CMS . Entry and exit validations via SAP . Notifications via CMS	SAP ISU - Validations against entry and exit criteria, master data SAP PO - Integration DDP, Azure and SAP BW/BO – PARR reporting and Dashboards CMS – Customer to request entry to vacant site process, receive notifications and view status of SMPs	Delivery: £450K to £685K Service & Operate: Unknown at this stage and will be validated through design	<ul style="list-style-type: none"> No MarketFlow/IX/EFT changes required (only allowable value update for new AQ reason codes) Customers can choose to submit requests by single SMP or in bulk upload Notifications and site status viewable in CMS 	<ul style="list-style-type: none"> CMS can accept bulk uploads however it can pass only a single message in each proxy call. This could create a bottle neck if lots of requests are received simultaneously. Real time response may not be possible for the input requests due to complex entry criteria for vacant sites.
2	Vacant site entry submissions via File . Entry and exit validations via SAP . Notifications via File .	SAP ISU – Validations against entry and exit criteria, master data SAP PO - Integration MarketFlow/IX/EFT – configuration to accommodate new files for entry and exit notifications. DDP, Azure and SAP BW/BO – PARR reports and Dashboards	Delivery: £340K to £550K Service & Operate: Unknown at this stage and will be validated through design	<ul style="list-style-type: none"> Proven file flow mechanism will be used Ability to process multiple requests and validations at one time Easily auditable Integration is less complex than with CMS option 	<ul style="list-style-type: none"> Customers will be required to build new files to submit entry requests Customers must be able to receive and process exit / notifications new file MarketFlow/IX/EFT set up required for new file flows
Discounted Option					
3	Vacant site entry submissions via Portal . Entry and exit validations via SAP . Notifications via Portal .	SAP ISU – Validations against entry and exit criteria, master data SAP PO - Integration DDP, Azure and SAP BW/BO – PARR reports and Dashboards Portal – Customer to request entry to vacant site process, receive notifications and view status of SMPs	N/A N/A	<ul style="list-style-type: none"> No MarketFlow/IX/EFT changes required Customers can submit requests via Portal Notifications and site status viewable in Portal 	<ul style="list-style-type: none"> The customer will not be able to see the request outcome instantly. Bulk upload of entry requests is not possible in as Portal is designed to allow customers to update by individual SMP.

Option 1. High Level Solution Overview



Option 2. High Level Solution Overview



Assumptions, Dependencies and Risks

Category	Description
Assumptions	<p>A1. DDP changes can be accommodated in a prioritised sprint.</p> <p>A2. Volumes of requests will not impact processing times and infrastructure – to be validated through a volumetrics assessment to be understood through discussions with customers (one off migration if required and enduring daily volumes)</p> <p>A3. GT and IGT notifications can be provided via DDP</p> <p>A4. No consequential changes identified in system landscape outside the scope of the requirements.</p> <p>A5. For Option 1, CMS subscription costs are not going to be impacted.</p> <p>A6. DDP ongoing costs are not going to be impacted by this change.</p> <p>A7. Market Trials is out of scope.</p> <p>A8. GES changes are out of scope.</p> <p>A9. Peak daily volumes shall not exceed 5,000 - 10,000 requests based on option chosen – linked to A2</p>
Risks	<p>R1. There is a risk that DDP cannot accommodate the impacted changes in a prioritised sprint incurring an additional cost.</p> <p>R2. Actual volumes exceed those defined within the volume assessment (A2) and additional effort required to ensure no adverse impact to services.</p> <ul style="list-style-type: none">• Expected daily peak volume assessment to be conducted during design.• A migration plan will be required to mitigate the risk immediately post go-live. <p>R3. For Option 1 there may be a delivery risk to the CMS rebuild timelines if the planning is not aligned alongside current delivery plan – if this were to materialise priority discussions would be required</p>