

MIPI Replacement Roadmap

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MIPI System Replacement - Context

Purpose of System

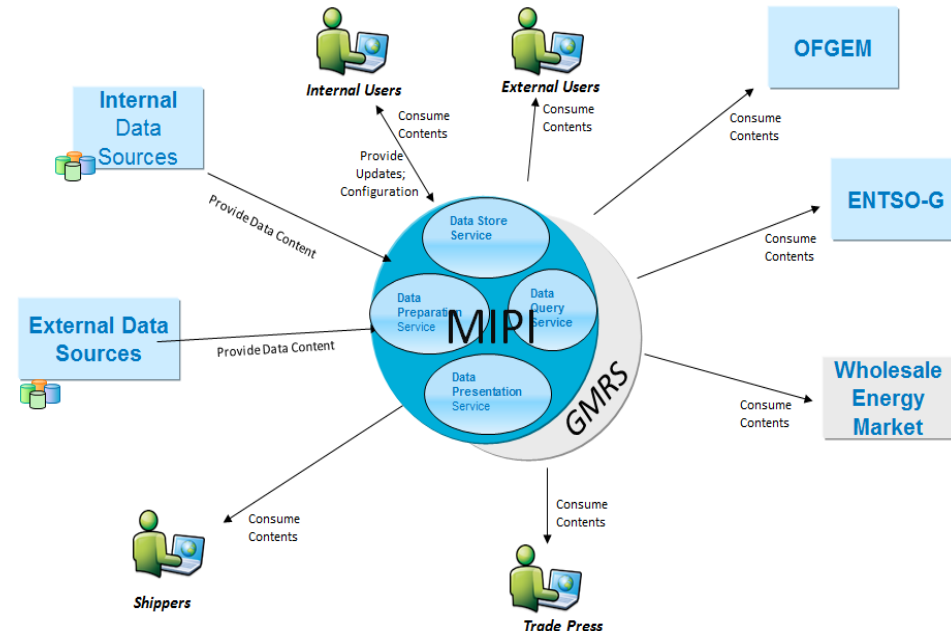
- Enables National Grid to meet obligations to facilitate the gas market by publication of timely and accurate data
- Publishes a range of non-obligated data that is highly valued by our customers

Context

- Built in 2005 when data publication platforms were in their infancy
- Limited vision of how the appetite for information would grow over next 10 years
- Growth in user demand of 600%-800% since implementation

Business Issues

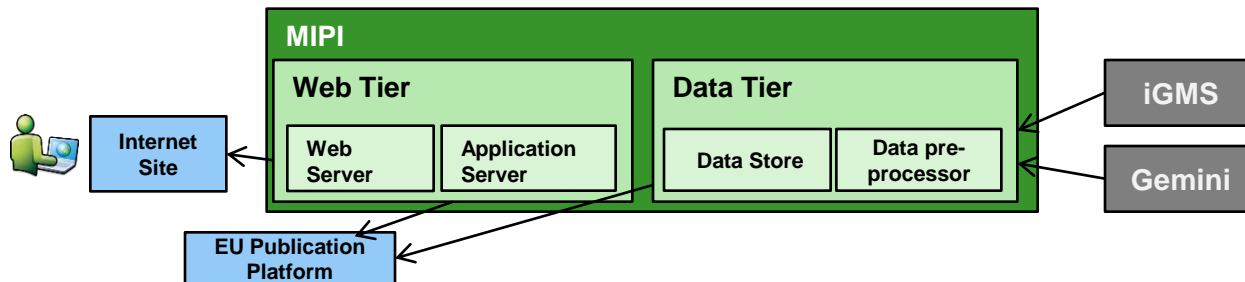
- System is at end-of-life and no longer has the guaranteed capability to deliver a stable and reliable service.
- Deterioration in performance has resulted in a poor customer experience.
- Business change is constrained and costly, due to the complexity and fragility of the system



- **Aged technology does not enable us to respond to customer needs in a proactive and innovative manner.**
- **Architecture has limited flexibility and scalability to meet growing user demand. We rely on direct appeals to customers to control the adverse affect on performance.**

MIPI Replacement Delivery Scope

- The MIPI System is made up of:-
 - a Web Tier that supports user access to data and reporting via the internet
 - a Data Tier that collates and manages the core data for publication



- A delivery approach has been developed that addresses the asset health issues in a phased delivery in order to:-
 - Prioritise resolution of the most urgent issues of performance and reliability
 - Deliver change to users in a controlled manner
 - Pave the way for enhanced future capability

MIPI Replacement Delivery Approach

Delivery Roadmap

- In Phase 1 of this programme the MIPI Web Tier will be replaced with a stable and scalable cloud-based SAAS (software-as-a-service) solution.
- It will deliver 'as-is' functionality in order to maximise speed of delivery and minimise user impact.
- This phased delivery programme will address asset health issues, and deliver a robust platform through which we can respond to future information needs.
- Phase 1 (Web Tier Replacement) has a target for delivery of August 2016.
- The subsequent Data Tier replacement (Phase 2) will refresh the infrastructure and realign data provision services from source systems, enabling cost-effective and flexible future change.
- Timelines for the Data Tier Replacement have yet to be finalised.

Industry Impact

- Expected impact to users will be validated during system design, but is expected to be minimal as a result of this approach.
- Future communication will continue to be via this forum and as direct messages on the Website