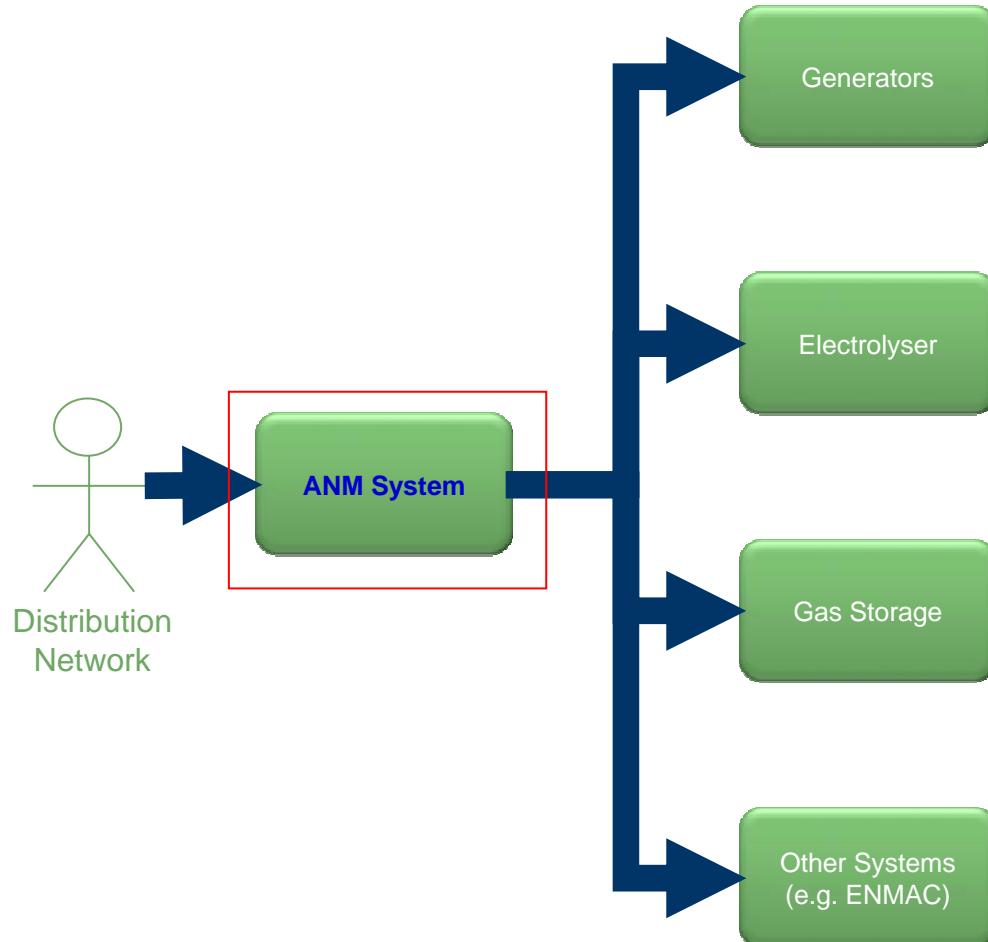


PATHS ANM System Introduction

What does an Active Network Management system provide for PATHS?



1. Centralisation

Provide a single, consolidated view of the entire system

2. Orchestration

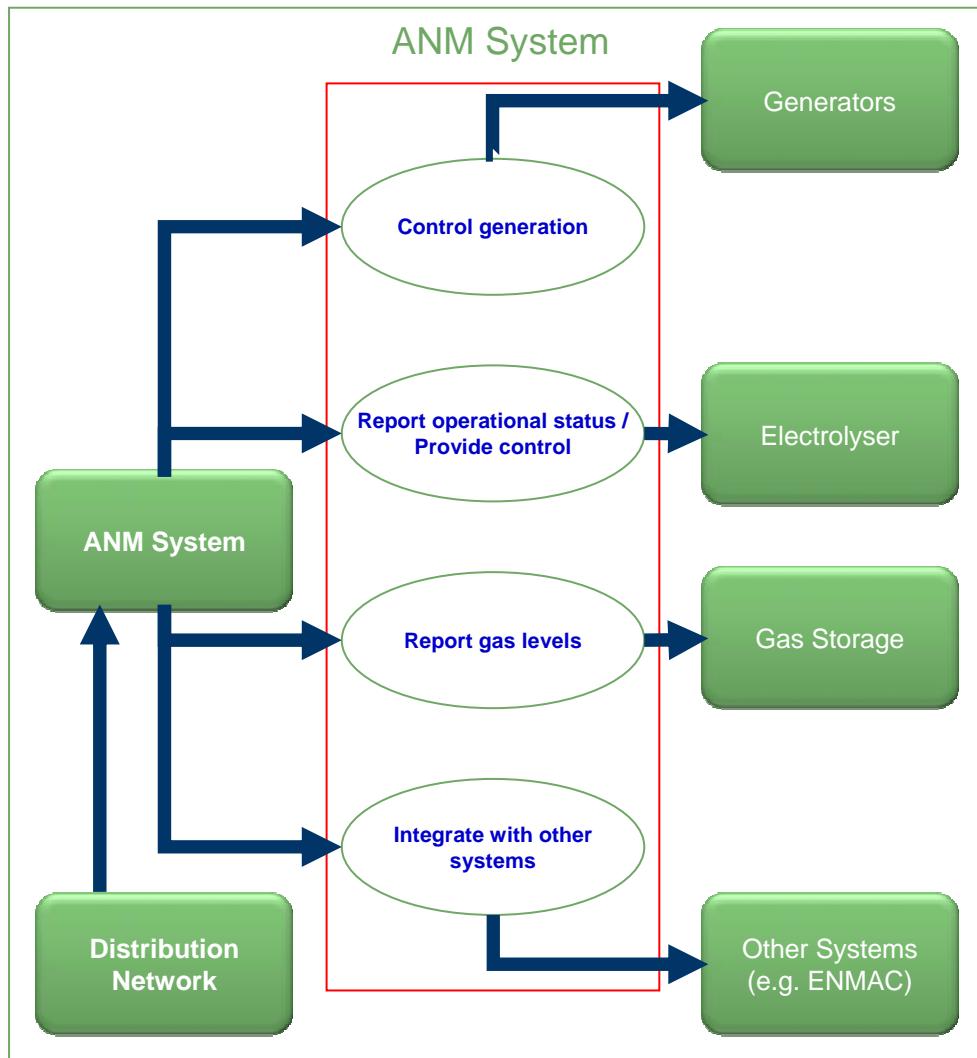
Coordinate the actions of individual components

3. Risk management

Provide immediate operator feedback and autonomous control over connected devices

PATHS ANM System Introduction

How does it work?



- **Issues commands directly to devices** – E.g. turn generators on/off
- **Receives communication from devices** – E.g. report how much gas is in a tank
- **Coordinate control** – Provide a single place for all required logic
- **Report results** – Provide links with external systems

PATHS ANM System Introduction

Why should we use it?

- 1. Meets requirements** – A centralised control and monitoring system is a proven technology approach
- 2. Proven technology** – ANM system is in current production use
- 3. Safety** – Real-time information on all parts of the system will be paramount to maintaining the safe generation and storage of Hydrogen gas
- 4. Financial** – Implementation of previous and current ANM systems reduces cost uncertainty



Solution Overview

Early days view of how we expect it to look

