



NETWORKS

ESBN Presentation to the IGG

09 September 2026



Agenda

1. SAP IS-U to SAP S4/HANA technical upgrade overview
2. P1 Port update

S4HANA Technical Upgrade

Central Market System upgrade - S4/HANA Utilities



Why Migrate to S/4HANA Utilities?

SAP IS-U will move out of extended SAP support in 2030

- The migration to S/4HANA for Utilities is essential in order to provide a long-term supported platform on which to continue supporting market operations and build for the future
- This upgrade forms part of the **Enabling IT Changes and Upgrades** for the Central Market Systems, which was identified in the ESB Networks DMSO Blueprint and Roadmaps (Smart and Retail Market Roadmap)

Approach and Scope

Minimum technical migration - upgrade safely and efficiently

- Given the scale of change expected in the Retail Electricity Market, and while requirements are being defined, ESB Networks will carry out a minimum technical upgrade that ensures the foundations are laid for future functionality
- Migration of SAP IS-U to S4/HANA, upgrade of other SAP components
- Maintain existing functionality and system performance

Timeline

Planned go-live in October 2027

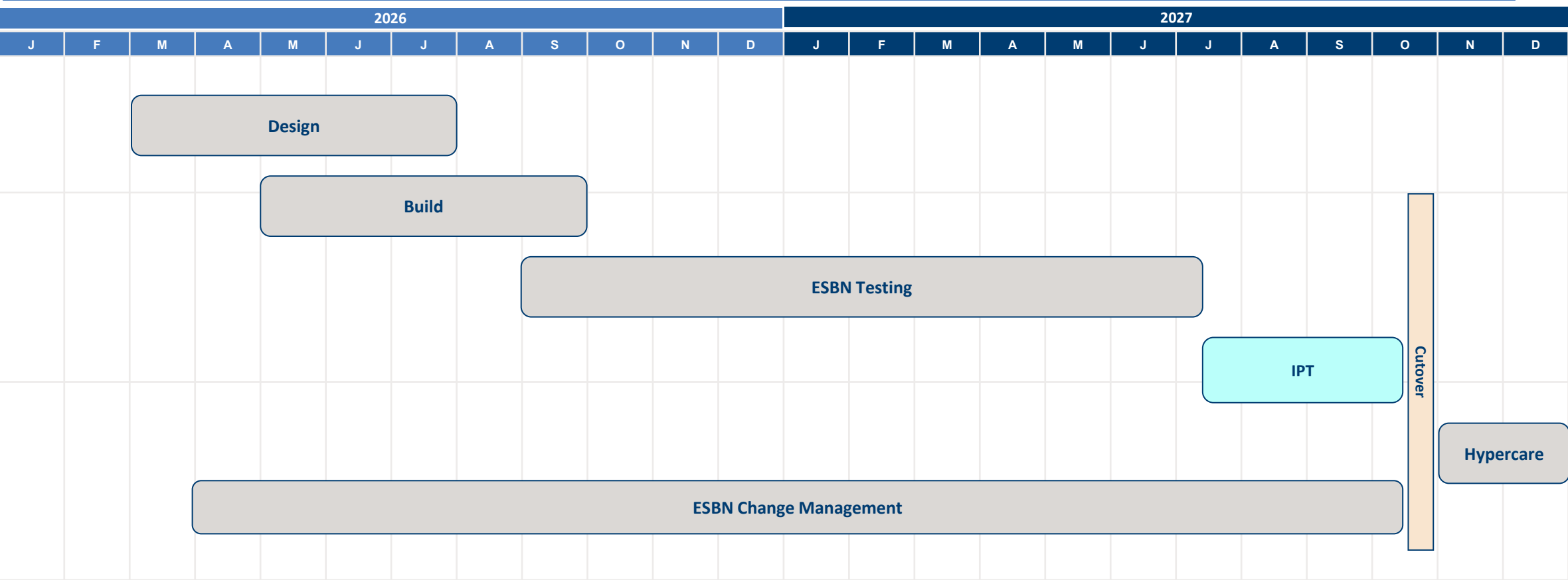
- ESNB have commenced delivery of the migration to S/4HANA
- The upgrade represents a significant delivery and test effort for ESNB (POAP on subsequent slide)
- Any other changes to the CMS during delivery window will need to be replicated on to S4/HANA and would increase delivery timeline, so should be kept to a minimum

Market and Supplier Impact

No change to Retail Market Design or Market Schema

- No technical change for Market Participants
- The draft Assurance Approach is with CRU for approval
- ESNB confirm that IPT will form part of the assurance approach

S4HANA Migration POAP



Please note: all ESNB environments will be migrated to SAP S/4HANA following cutover in October 2027.

P1 Port Update

P1 Port - Customer Enabled Solution

- The P1 Port is a specific communication interface found on smart electricity meters, developed from IEC standards to provide in home data.

What does it consist of:

- A physical connection point on the smart meter
- This allow a compatible device to be plugged in at the meter
- This allows the customer to have visibility of their current consumption
- The customer is responsible for sourcing and maintaining the device
- Devices are commercially available
- Delivery for the Customer Enabled Solution is scheduled for October 2026. As per an action recorded at ILG, an FAQ will to be added to the ESB Networks Customer Portal.
- No ESN processes are being created or amended to support this. The Market processes are not impacted by a customer having P1 Port access.
- P1 Port access could be interrupted by the CoLE or CoS process(es), but a customer should be able to reactivate quickly where this occurs. This includes scenarios where a CoLE with a CoS is cancelled.
- Where the CTF is low, impacted customers will be directed to use an LED Pulse Reader instead of the P1 Port

P1 Port - Customer Enabled Solution

Overview:

1. Customer logs into their ESBN Online Account
2. Customer navigates to the near real time data service
3. Customer can request the P1 Port on their meter
4. Request from Online Account is sent to the meter via architecture depicted on the right



Other points of note:

- Status of P1 Port will be visible to customer in their Online Account (taking reference from SAP)
- It will also deactivate following a CoLE

