



# FLINT Network Migration Services

## Why Migrate?

Service Providers are looking to **reduce cost, complexity and launch new services** to stay ahead of the competition.

Moving from one platform to another is not as simple as installing a new device into a green field site. A migration involves **live customer traffic and live customers**.

Ensuring migrations are executed in a manner that ensures **zero unplanned downtime and delivers the highest possible customer experience** is critical.

There is no better way of doing this than leveraging years of experience from a company such as Flint that prides itself on **delivering projects on time and on budget every time**.

The faster you can migrate to the target architecture, the faster you are able to introduce new features and services, introduce bug fixes, harmonise software versions and reduce the cost of ownership.

## Methodology

Flint's professional service team uses a project plan that we have developed and hardened throughout multiple network migrations that includes:

- Project Kick Off / Technical Workshop
- Software selection
- Readiness Assessment (HW/SW)
- Develop Template Method of Procedure (MOP)
- Develop Migration Schedule
- Develop Migration script & automation tools.
- MOP Validation in Lab environment
- Rollback procedure and practise
- Site-Specific MOP creation
- First Site Migration / FOA
- Network-wide rollout
- Post Migration Service Test
- Lessons Learned & Operational Excellence

## The Benefit of Automation

Our team has been involved in numerous projects that are as varied as a mobile APN migration in Ireland to core and edge migrations in UK and Europe.

In recent engagements, the expertise from our **Automation and Orchestration Centre of Excellence** has been introduced to accelerate these projects further. We have **use cases** for Automated Software Upgrades where we develop the software for the automated upgrade, execute the acceptance test plan (ATP) first in the lab and then in the live environment, as well as for Zero Touch Provisioning where we follow a similar approach for this use case.

## Experience

The Flint team has been involved in a number of migrations across Europe. We have just successfully completed a project with a large Service Provider in the UK to introduce Juniper routers into the SP Core and Gateway networks at the same time as collapsing onto a common domain.

The project included MX2K (gateway) and PTX1008 (core) in phase one, Core facing routers and RAN Access PE routers in phase two followed by the migration of wholesale services in the final phase.

**Network slicing** was also introduced in this final phase for Guest Network Routing (GNF) functions to be offered from a single physical infrastructure.

The project was delivered on time and on budget and allowed the Service Provider to move to a **more cost-effective and agile platform**, able to support their future layer 2 & 3 network requirements.



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