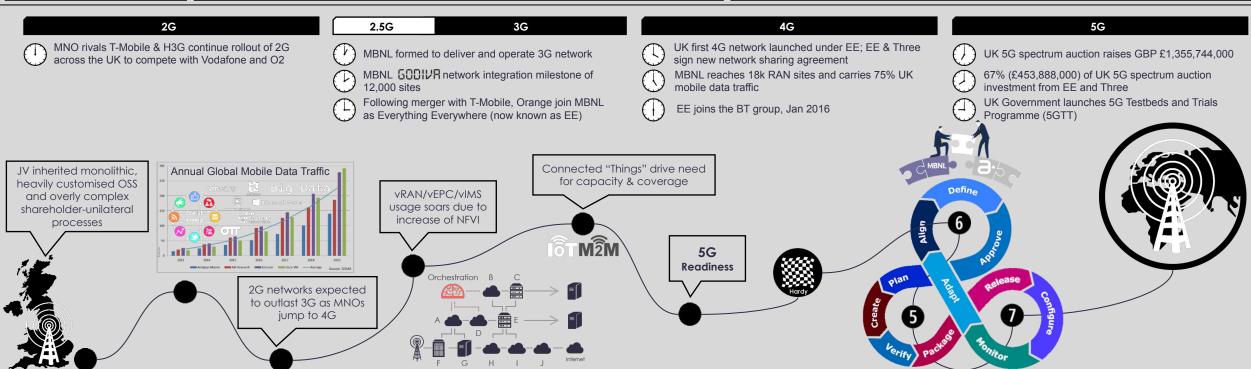


SCENARIO

A joint venture (JV) formed in 2007 between EE and H3G to achieve CAPEX and OPEX reduction through the economies of scale of passive infrastructure sharing, resulting in the creation of a ground breaking tower company.

GOALS AND EXPECTATIONS

Transformation of both Network Operations (OPS) and Operational Support Systems (OSS) to further Shareholder vision and strategy for network planning, design, build and operation while optimising operational efficiencies and decoupling ongoing operational expenditure from network growth, enabling both MBNL and Shareholder-Unilateral processes to coexist effectively. Become a World-Class TowerCo.



EMBRACE COTS

OSS: configuration vs. customisation (SP5) RAN: multi-vendor / cRAN & RRH / virtualised

MBH: multi-party (OLO)

Decommissioning: remove cost & dependencies from

monolithic OSS and legacy infrastructure

KPI: increased service levels availability failure

LEVERAGE SOFTWARE DEFINED

Virtualisation: Software Driven Data Centres Orchestration: End-to-End process management with the inclusion of industry standard APIs (SP7)

Automation: driving scaling of rollouts & enhancements Multi-tenancy: single instance serving multiple tenants

CONSOLIDATE & OPTIMISE

Estate: combine legacy estates

RAN: fine-tune through drive testing, analytics, crowdsourcing data and trend forecasting

MBH: capacity & latency to be 5G ready (VoLTE & ViLTE) OPS: business process isolation, zero technical debt Agility: through outsourced flexibility & scalability (SP6)

RULES OF ENGAGEMENT

UK Regulatory: 1996 / 2003 / 2006 / 2016 / 2017 / 2018 Security: SC/DV paramount, lawful interception, IDPS (SIEM)

Regulatory: Ofcom / European Commission Data: Quality & Integrity through segregation Spectrum: Harmonisation

WORLD-CLASS

- · SD-WAN for MBH
- Backed by World-Class ISV, Amdocs, with industry leading OSS and services, conforming to existing and leading industry standards: eTOM, ONAP, LSO

CERTAINTY

- Work with Amdocs to introduce new global Tower-as-a-Service standards through TMF & MEF for MNOs and vendors to adopt
- · Enable new seamless shareholder enablement
- · Forecasted capacity and coverage

EXCELLENCE

- pre-emptively find new UK/EU tower estates (i.e. Vodafone rumoured tower sale across the EU)
- Small Cell for 5G (femto, pico, micro, macro)
- Profit-Centre NOT Cost-Centre ROI
- Dependable Mean Time To Repair (MTTR)

FLEXIBILITY

- On-Demand rollout and RF planning
- Enter new territories: EMEA, APAC, CALA, NAM post Brexit opportunities
- · Offer to global market: Tower-as-a-Service

