\\ The next two editions of TMN Quarterly are designed as companion issues, with key topics being addressed in a series of two-part features. This will give sponsors and partner companies an opportunity to extend their brand presence prior to, and then at, Mobile World Congress 2016.

If you have a story to tell and would like to contribute get in touch with our editorial team here.

THE MWC 2016 ISSUE: PART ONE   DECEMBER 2015

5G: The Knowledge. Part I

Where is 5G headed? Looking at the latest 5G-PPP projects. Latest Research Centre output from around the world. Progress in MEC and small cell virtualisation. mmWave and enhanced MIMO. Channel modelling.

The Smart Operator: Part I

Two-part series that looks at the end game of producing the smart operator – one that can offer smart services and make smart revenues!

Part One: identifying the technical enablers - SON, traffic/cell/customer aware network optimisation, automation, DPI, SDN.

NFV/ Virtualisation: Part I

Two part feature that will look at how Network Functions Virtualisation is progressing and bringing change into the mobile network landscape.

Part one begins with the latest updates on Proof of Concepts, Technical leads, NFV security, how companies are aligning development with the business cases to support NFV in the network.

What's next in LTE: Part I

Two part feature that will track the upcoming features in LTE's progression path, and look at how and where in the market they may be introduced. The advent of Advanced PRO, LAA, small cell dual-connectivity and architecture, carrier aggregation enhancements, 3D/FD-MIMO.

Regulars

Anatomy of an Operator: **Ooredoo**
Country Profile: **Russia**

THE MWC 2016 ISSUE: PART TWO   FEBRUARY 2016

5G: The Knowledge. Part II

Understanding what 5G is actually intended to achieve. Vertical industry collaboration and delivery, defining the 2020 5G technology landscape.

The Smart Operator: Part II

The end game: personalised, adaptive, flexible service delivery: converged analytics, data abstraction to the business process layer, integrated and automated BSS-OSS decision making.

NFV/ Virtualisation: Part II

The death of the old. Productisation of NFV: focus on management and orchestration (MANO), security, vEPC, vRAN, hardware and virtualisation platforms, and architectural change.

What's next in LTE: Part II

Cellular IoT before 5G. The machine-to-machine, machine to-person and person-to-machine challenge in LTE. New platforms for IoT, IoT analytics, service enablement, LPWA .

EXTRA MWC16 Features

Security: Network security has never been of higher concern – from securing messaging gateways to LTE network encryption, to ensure security is built in at a different level in 5G. TMN looks at how mobile network security is developing in LTE, the NFV security paradigm, and who are the key players in developing the network security architecture.

Assurance, Test & Measurement: How new network technologies and service introductions are stretching the test and measurement players. Looking at VoLTE, Carrier aggregation, MIMO, NFV and Het Net coordination.

Backhaul: How backhaul systems are developing to meet increasing demands for capacity and operational flexibility – and how the backhaul network domain fits into the wider software controlled, self-optimising network paradigm.

Small Cells: Tracking change, staying relevant. A look at the next steps the small cell industry is taking to define the way in which small cells are defined in C-RAN, multi-RAT and v-RAN architectures.

MVNEs: As MVNOs generate more segmentation across markets, this feature will look at some of the most interesting MVNO business models and examples, and look at those companies whose products, tools and services provide the platforms upon which MVNOs to base their business.

BRAND NEW FEATURES

The Networked World

Introducing a new feature to address the network requirements of a key vertical We begin with Smart Buildings, Stadia and Skyscrapers. Aspects covered planning and design, installation and optimisation, in-building coverage/capacity solutions

The History of…

Our first feature takes on **The History of…network hardware**. How the first mobile networks were built, the equipment that was used, who made it, how much it cost.

Plus our usual regulars:

Anatomy of an Operator:	**NTT DoCoMo**
Country Profile:	**Spain**

Deadlines

Part 1:	**November 31st 2015**
Part 2:	**January 31st 2016**