

## TMN Quarterly Magazine, Issue 22

### The Data Edition

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Issue 22 of TMN Quarterly will be themed on the topic of the data-led and data-fed operator.

With access to data, its analysis, security and privacy all topical, this issue will look at data in the context of mobile network operations and business models.

Telcos wish to exploit data insights to create new business models - for example in differentiated services and network slicing. They also want to structure next generation network operations using the application of new data capture and analysis techniques.

Can they do this while meeting new regulatory requirements and allaying ethical, privacy and security concerns? Are data scientists about to rule your operator?

#### **1. BIG DATA small data**

This feature will look at the subscriber and network data analytics capabilities of operators as they seek to build more intelligent networks, automating operation of virtualised functions and software defined networks.

Areas of coverage: Network analytics and performance, automated operations, NFV assurance, customer experience, predictive analytics, data acquisition, structure and processing.

#### **2. PLANNING DATA**

How planning/ designing coverage is changing. How do you plan RF maps when somebody's head can block a signal?

Areas of coverage: RF planning & design, mmWave, indoor, Massive MIMO, beam forming, beam tracking.

#### **3. EDGE DATA**

What of the edge - what analytics could sit best at the edge of the network, what applications and network functions could that edge analytics capability enable?

Areas of coverage: edge computing, distributed core, private networks, industry verticals, IoT.

#### 4. SECURE DATA

How the data operator handles privacy and security challenges.

#### 5 UNFAIR DATA

Net Neutrality, QOS and the network slicing conundrum. What is possible, and what is allowed and not allowed in the major jurisdictions?

#### REGULARS:

**Anatomy of a Mobile Network Operator:** Jio (India)

**Country Profile:** Netherlands

**Networked World:** Media

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#### Editorial Deadline

7th May 2018

#### Advertising Deadline

12th May 2018

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