



# Telecom tendencies in 2018

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Georgi Raykov

Service Quality Assurance and reporting

# Total Telecom

All services from one partner

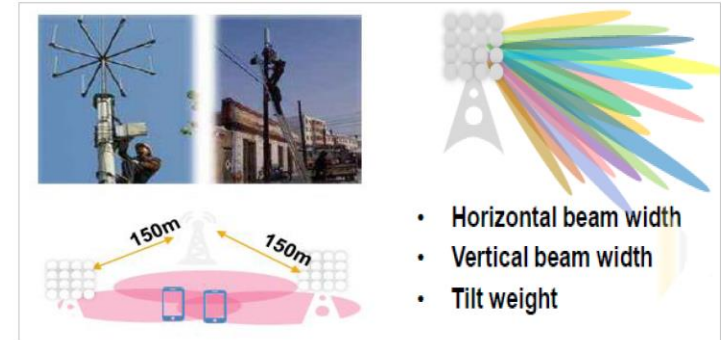
- Residential
  - Mobile
  - Fix
  - Internet
  - TV
  - Security
  - Smart home
- Corporate
  - Connectivity
  - Collocation
  - Cloud



# Artificial intelligence in Radio Access Network

Machine Learning is a subset of A.I. that allows to identify patterns through the statistical data analysis

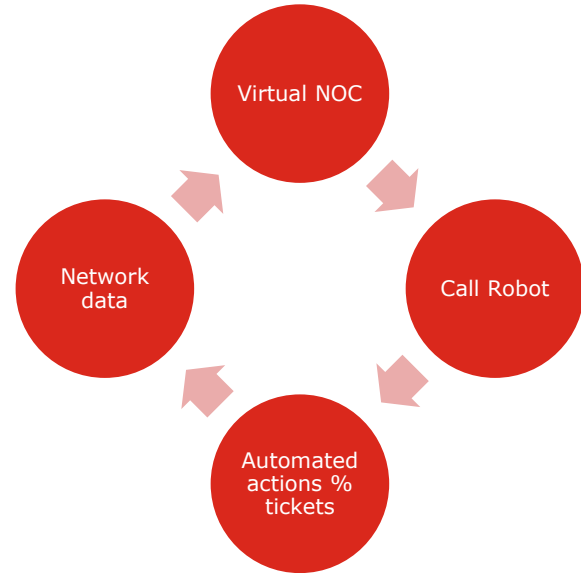
- Smart Troubleshooting
  - Detection and fix problems in the network faster
  - VoLTE quality, Throughput issues, Terminal models defects
- Parameter optimization
  - Consistency checks
  - MaMIMO boosting, cell edge throughput opt
- Traffic and user prediction
  - Load balancing, Energy savings, Mobility Thresholds per cell and user
- RF fingerprinting
  - Inter-Freq and InterRAT handover optimization, carrier aggregation selection



# Zero touch network

Network automation is key for success

- Fully automated Network Operation Center (NOC)
- Closed loop Self Optimizing network
- Call robot for NOC and customer care
- People and process transformation



**A1**

**Thank You**

