



AI/ML – Driven Analytics for Telecoms

Managing and monetizing CSP networks are getting very complex. The deployment of 5G networks will add further complexity to these networks. As CSPs prioritize investment in analytics tools to address these issues, they should invest in AI-based analytics tools. These tools can support at scale the increasing demand for intelligence and automation within the CSP business.



Reducing cost and complexity of operations and monetizing 5G are top business challenges for nearly **80% of CSPs over the next 18 months**



Omdia's 2019 ICT Enterprise Insights survey indicates that more than **60% of CSPs are planning to increase IT spend on analytics in 2020** to address these challenges

Network traffic is set for further dramatic increases as Omdia's Network Traffic Forecasts indicates that traffic in 2023 will be **four times the volume recorded in 2018**. With this massive growth, CSPs are turning to **AI based tools** to manage their networks.



Network related use cases are the most important applications of AI for CSPs. Almost **40% of CSPs ranked the network resource planning and optimization as their top AI use case**.

AI will be applicable to implementing **5G-enabling technologies** such as:



SDN/NFV



multi-access edge computing



network slicing

Therefore, AI will **support management and monetization of next generation network technologies**

For CSPs to succeed with AI:



the AI implementation strategy should align with business priorities



they should develop AI skills internally or work with partners



they need to build a robust data infrastructure



they should ensure transparency of AI-based solutions

Find out how AI/ML based analytics addresses the CSP's business challenges and recommendation.

Download the whitepaper to know more! ➔

