

NOKIA

Nokia AVA AI for Video Based Service



Nokia AVS - delivering the best Video and Cloud Gaming experience

Machine Learning to monitor, optimize & assure Quality of Experience (QoE)

Video & Gaming Experience

GMOS* rating (1-5)



Root Cause Analysis

Library of signatures linked to poor GMOS



Next Best Action

Next best actions to boost QoE

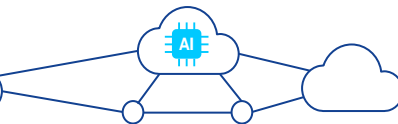


Key features:

1. Closed-loop optimization



2. Probe-less data collection



3. E2E view across 5G network & beyond (device, CDN ...)

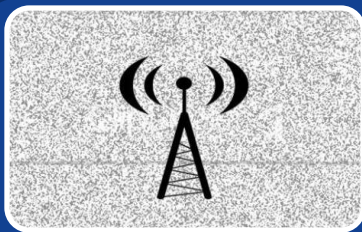
AI for Video-based Services

Nokia Offering



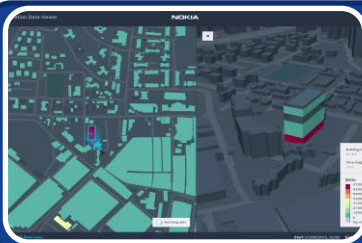
AVA Remote access

- Daily or Near Real Time access to the QoE dashboards: E2E RCA, CDN Analysis, Data filtering & Visualization, MDT based Geolocation
- Data collection and GUI preparation



Video QoE support

- Adaptation of the Video parser when the OTTs under assessment change the way of transmissions e.g, from SSL to QUIC or from QUIC to new protocol
- Flexibility to add other OTTs as: live TV channels, Popular Streaming Videos



Future proof content

- Flexibility to add new algorithms and features
- Customer driven customizations through Cognitive Hub Collaboration

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