



SME Working Group

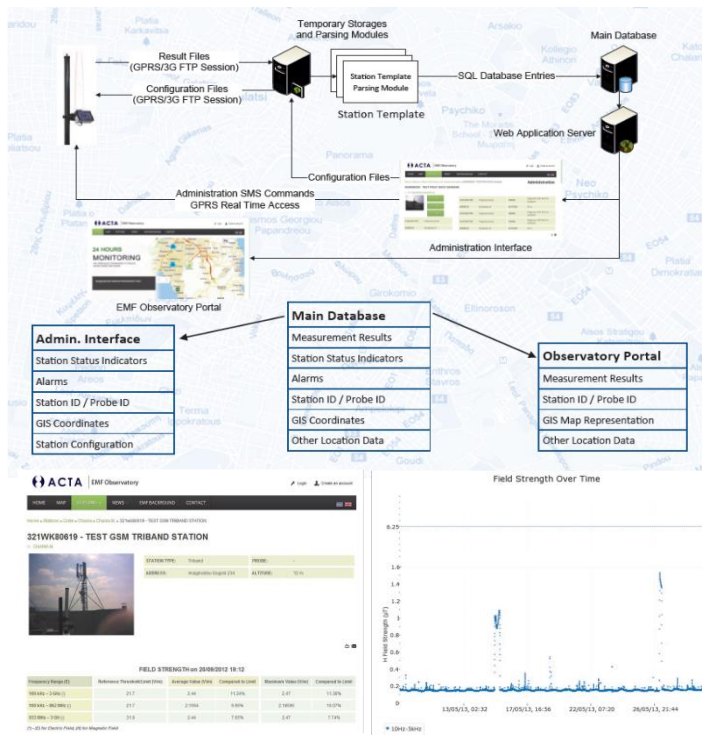
NetworldEurope SME Working Group

SME Success Story – October 2022



ACTA Ltd

ACTA has been very successful in providing telecoms solutions, such as “zero-touch provisioning” xDSL CPE management platforms, in three Greek Telecom Operators. In addition, ACTA has developed an innovative Web Application which collects EMF (ElectroMagnetic Field) measurement results from compatible Narda EMF Stations, stores and presents these results through an intuitive web interface. The solution is currently deployed at the Greek EMF Authority as well as Romania, Paraguay Authorities.



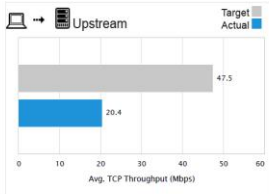
ACTA is also a member in two R&D EU projects (H2020 Horizon). The projects implement 5G network solutions for a variety of Verticals as customers.

- 5G HEART - <https://5gheart.org/>
- 5G TOURS - <https://5gtours.eu/>

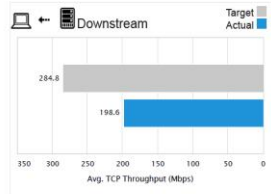


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As a result of these projects, ACTA has installed network monitoring probes and a cloud-based Management system. This allows for measuring the 5G network performance KPIs, such as Throughput, Latency, Jitter, Loss, Availability, Reliability, end-to-end as well as in segments of the network (Radio vs. Core, Physical vs. Service Layer, E2E vs. Segments of interest to the Operator).



CIR: 50 Mbps
Target TCP Throughput: 47.5 Mbps
Average TCP Throughput: 20.4 Mbps



CIR: 300 Mbps
Target TCP Throughput: 284.8 Mbps
Average TCP Throughput: 198.6 Mbps

Round Trip Time: 17.00 ms (HTTPS: 35.90 ms)

