Open5GMTC

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OPEN5GMTC – A NEW APPROACH TO HETEROGENEOUS M2M AND MULTIMEDIA

Open5GMTC software toolkit addresses the needs of M2M and multimedia services within highly heterogeneous and dynamic environments. It provides the extension of the 5G networks towards connecting a large number of IoT devices and low delay communication for CDN (Content Delivery Network) endpoints. It features:

– Connectivity control and subscription management
– Secure ownership bootstrapping
– Support for secure network islands
– Support for edge M2M and CDN applications
– Massive device emulator with flexible number of groups of devices
– eUICC network support

By concentrating mainly on dynamic device connectivity, security and edge computing using standard protocols (OMA LW M2M, CoAP, Diameter, S1AP), Open5GMTC provides the currently missing features of M2M and

multimedia platforms, and an ideal initial testbed for how software services can be customized for business and enterprise networks, for automotive, for industrial communication, and for satellite networks.