UE Control

Control and monitor UEs from the LAMTA UI

What is LAMTA?

LAMTA is an orchestration platform that uses zero-touch automation to enable rapid testing and lab management for next-gen wireless networks. By automating tedious manual processes like set-up and tear-down, users can run more sophisticated testing, optimize lab resource usage, increase confidence in test results, and reduce time-to-market.

UE Control Made Simple

Android UEs connect directly to the LAMTA Server via USB cable. If the distance between the LAMTA server and test stations is greater than a USB connection can support, a LAMTA Ethernet/USB gateway can be added near the test station. This eliminates the need for a dedicated host PC for every UE, and there is no need for remote desktop software to access the host PC / UE.

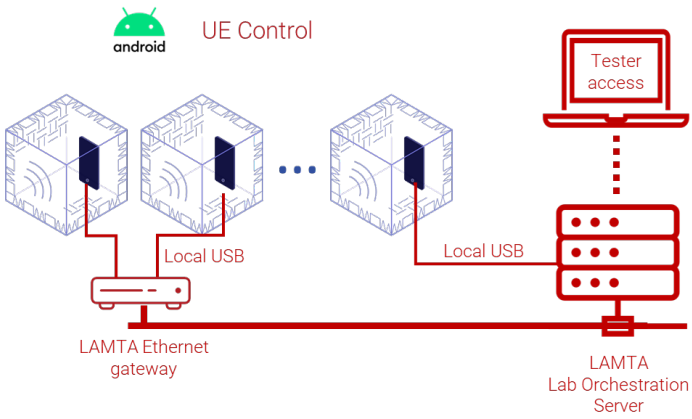

Fig1. Users can control local and remote UE simultaneously from the LAMTA GUI. UE resources can also be assigned to specific users to avoid testing interruptions.

What's in UE Control?

This feature allows a user to control Android user equipment (UE) via screen mirroring. The UE screen appears in a browser tab directly within the LAMTA UI. LAMTA users can simultaneously watch UE behaviour and performance while handovers and roaming tests are in progress.

LAMTA UE Control supports many UE simultaneously, and all UE Resources are available to be shared by any LAMTA User. UE Resources can also be assigned to specific users to avoid testing interruptions.

Fig 2. Make calls, send texts, stream video and monitor performance on multiple devices at the same time while simultaneously controlling handovers including MIMO and Carrier Aggregation).

Feature Summary

- **Control Android user equipment** (UE) via LAMTA screen mirroring
- **Monitor UE performance** while controlling handovers (including MIMO and carrier aggregation)
- **Control many UEs** simultaneously
- **Share UE resources** to specific LAMTA users on the network

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