



eltic-Plus⁺

Smart Connected World



Celtic-Plus Event
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Alcatel ONETOUCH 5G devices testbed

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Who is Alcatel ONETOUCH ?

ALCATEL ONETOUCH is a brand of TCL Communication, an international multicultural company which designs, develops, and markets globally a growing range of mobile and Internet devices.



Smartphones



Smart Things

The stronger growth in the top 10 vendors, # 4 4Q14.

+ 33%

Volume
75 M UNITS

+

136%

Smart Devices
41.5 M UNITS

+ 59%

Revenue
2.3B€

Make the technology more affordable and valuable for the benefit of all.

→ Capture end-users expectations and devices constraints:

- new usages & new devices
- cost & UE design (e.g. #RFIC&antennas)
- battery life

The 5G UE testbed project

Principle: develop an open UE test-bed for 5G features fast prototyping. Available to other projects, vendors and operators experiments.



*Flexible and scalable
Open source SW
Off the shelf HW*

Outcome:

- Accelerate the 5G standard maturation with fast SDR prototyping from simulation results (ahead of standard).
- Catalyst for more collaborative projects.
- Support demonstrations, increase dissemination.

The 5G UE testbed project

Potential partners:

- Alcatel ONETOUCH
- Sequans Communications
- EURECOM (Open source OAI)
- Syrtem SARL (SDR platform)

We are seeking European partners willing to contribute to the implementation of advanced/pre-5G standard features (D2D, LTE-U, MTC...).

Or partners of other projects willing to exploit the UE implementation for e2e testing.

Contact Info

For more information and for interest to participate please contact:



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