



eltic-Plus⁺

Smart Connected World



Celtic-Plus Event
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Green Specktrum

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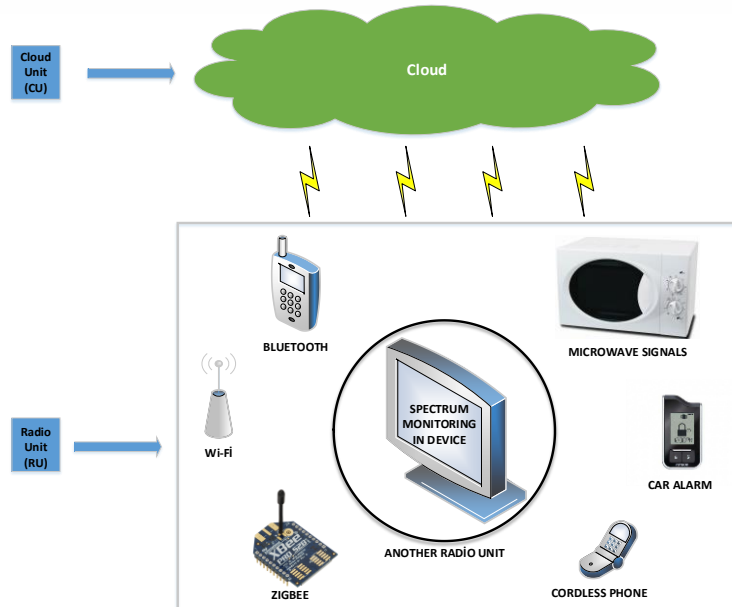


Organisation Profile



- Leading mobile operator in Turkey w/ 35M subscribers
- Active partner of 5G activities of NGMN (Next Generation Mobile Networks)
- Founded in 1773, one of the distinguished institutions in Turkey
- Research contributes to scientific development on an international scale
- Ericsson tarafından doldurulacak
- Signal Intelligence Systems
- Communication Intelligence Systems
- Electronic Intelligence Systems
- Spectrum Surveillance Systems
- Radio Direction Finding Systems

Proposal Introduction (1)



- Is the resource usage of IOT device compliant with its operating standards (World Health organization- WHO standards) in the heterogeneous cloud-based radio access networks?

State of the art & Innovation:

- Localization of nonstandard working wireless devices
- Advanced Spectrum Sensing Algorithms
- Differentiating different protocols in the same frequency bands
- Techniques for maintaining or enhancing spectrum usage capabilities

Proposal Introduction (2)

OUTCOMES

- Transmitter power of device has to be smaller than maximum power that WHO sets.
- Frequency band of transmitted signal must lie within a set of associated frequency band of WHO

GOALS

Technology	Increase network capacity
	Spectrum Efficiency
	Green and reliable IOT
	Increase battery life
Individual	Technology acceptance will be increased
	Feeling Secure and Safe physiological effects
	Item
Social	Social Resistance Against Technology will be lowered
	Item
	Item

Partners



Contact Info

For more information and for interest to participate please contact:

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