



CELTIC-NEXT



Proposers Brokerage Day

11th September 2025, Aveiro

Pitch of the Project Proposal

Wi-Excellence



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What do I gain from this?

Quantitatively evaluating QoS-sensitive-application-experience of end-users, finding root cause of bad experience in the networking pipeline (i.e., Wi-Fi & FWA), and proposing cures to alleviate these problems.

What is your value proposition?

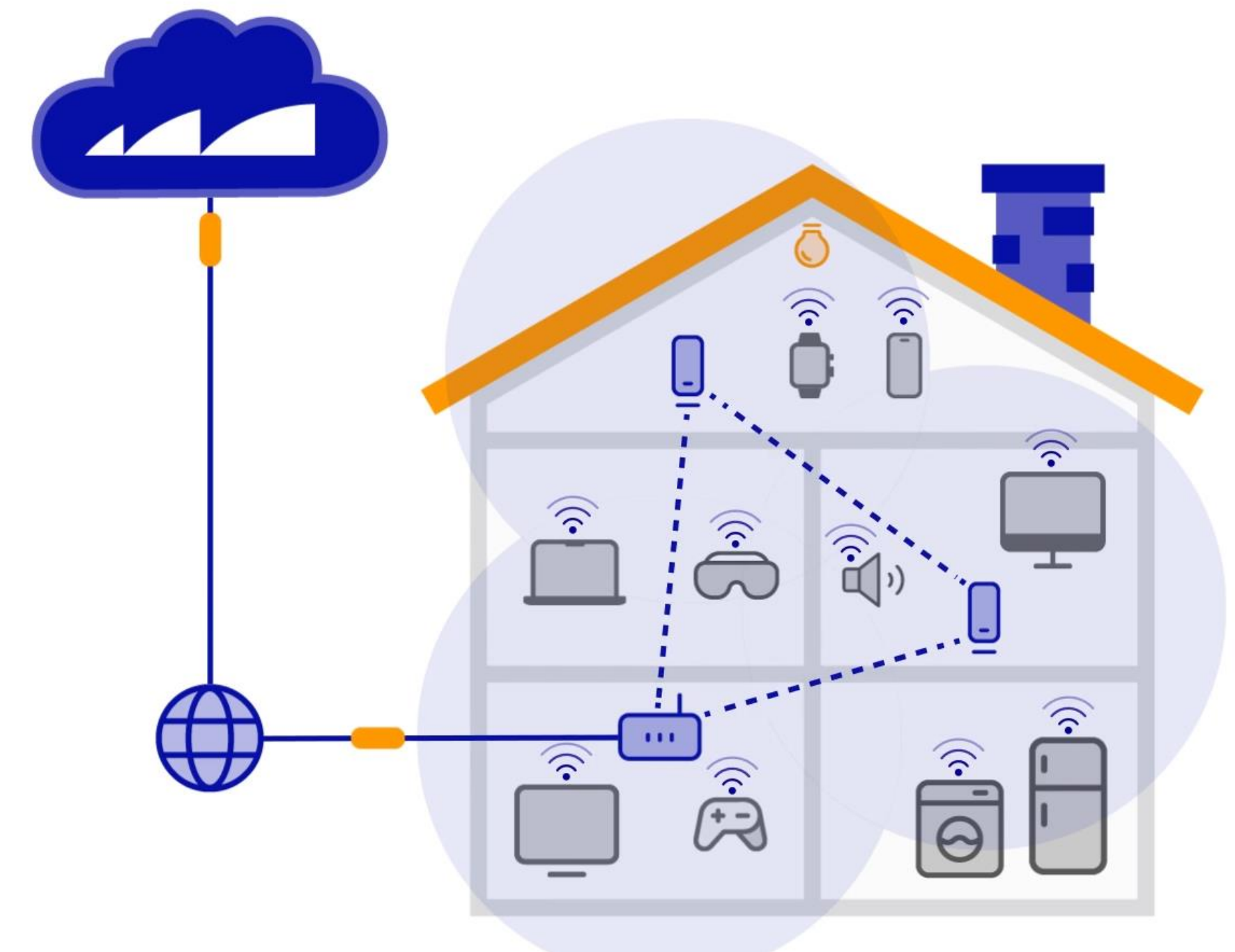
Measuring end-user experience, pinpointing the problem, and proposing solutions

Why should I care?

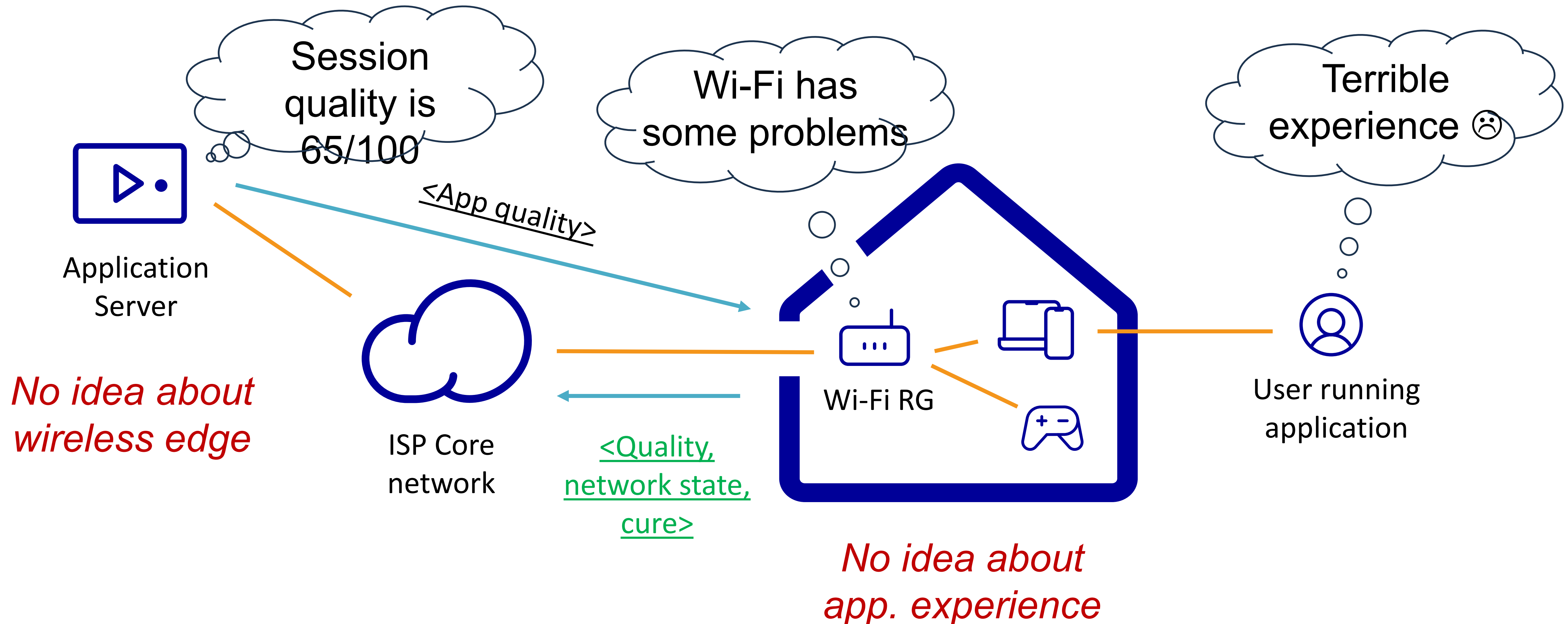
As an ISP or application vendor, if you want to increase end-user experience and reduce churn of customers

Organisation Profile

- Airties provides managed Wi-Fi solutions for the Tier 1 Internet Service Providers (ISPs) across the globe.
- Currently, Airties integrates into and remotely manages more than 35 million home Gateways mostly in USA and Europe.
- Airties' SW solutions optimize Wi-Fi connections and home networks, leading optimized user experience.
- Airties utilizes AI-powered methods for optimization of home networks.



Proposal Introduction (1)



Proposal Introduction (2)

- A framework for quantitatively measuring application QoE using application vendor information, crisscrossing them with wireless edge issues, and proposing cures.
- Improved end-user Internet experience, improved end-user QoE on QoS-sensitive applications
- **Self-healing** wireless edge and fixed wireless access that works on quantitative quality data

	Work Packages	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
WP1	Management & Governance												
WP2	System requirement analysis												
WP3	Framework & Infrastructure development												
WP4	Lab Testing & field deployment												
WP5	Dissemination & Outreach activities												

Partners

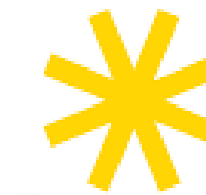


Managed Wi-Fi Solutions



Internet Service Provider

TURKU AMK
TURKU UNIVERSITY OF
APPLIED SCIENCES



Looking for partners (*Türkiye and Finland consortiums are already full*)

- Application vendors of QoS-sensitive applications
- STA vendors for which QoS-sensitive applications are critical
- ISPs, Cellular and Broadband operators focusing on QoS/QoE of their customers
- Research bodies for evaluating QoS/QoE

Contact Info

For more information and for interest to participate please contact:

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Presentation is available via:



Join the Consortium Building Sessions

12. September
from 09:00-09:45 CET

Connection details:

Via

www.celticnext.eu/new-ideas

