



CELTIC-NEXT



Proposers Brokerage Day

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Pitch of the Project Proposal

Smart and Fast WiFi Test Automation

airties 

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Teaser



Main Benefit:

Accelerates WiFi testing by up to 50%, reduces human errors, and improves test accuracy with AI-driven Automation.

Added Value:

- AI & Machine Learning for adaptive, real-world test scenarios
- Cloud-based automation for seamless integration
- Real-time insights & anomaly detection for efficient troubleshooting

Why Participate?

Join a cutting-edge initiative to revolutionize telecom testing, gain early access to innovative AI-powered tools, and boost your market competitiveness with faster, smarter WiFi performance validation!

Proposal Introduction (1)

Vision:

To revolutionize WiFi testing by eliminating inefficiencies, reducing human intervention, and enhancing accuracy with AI-driven automation.

Motivation:

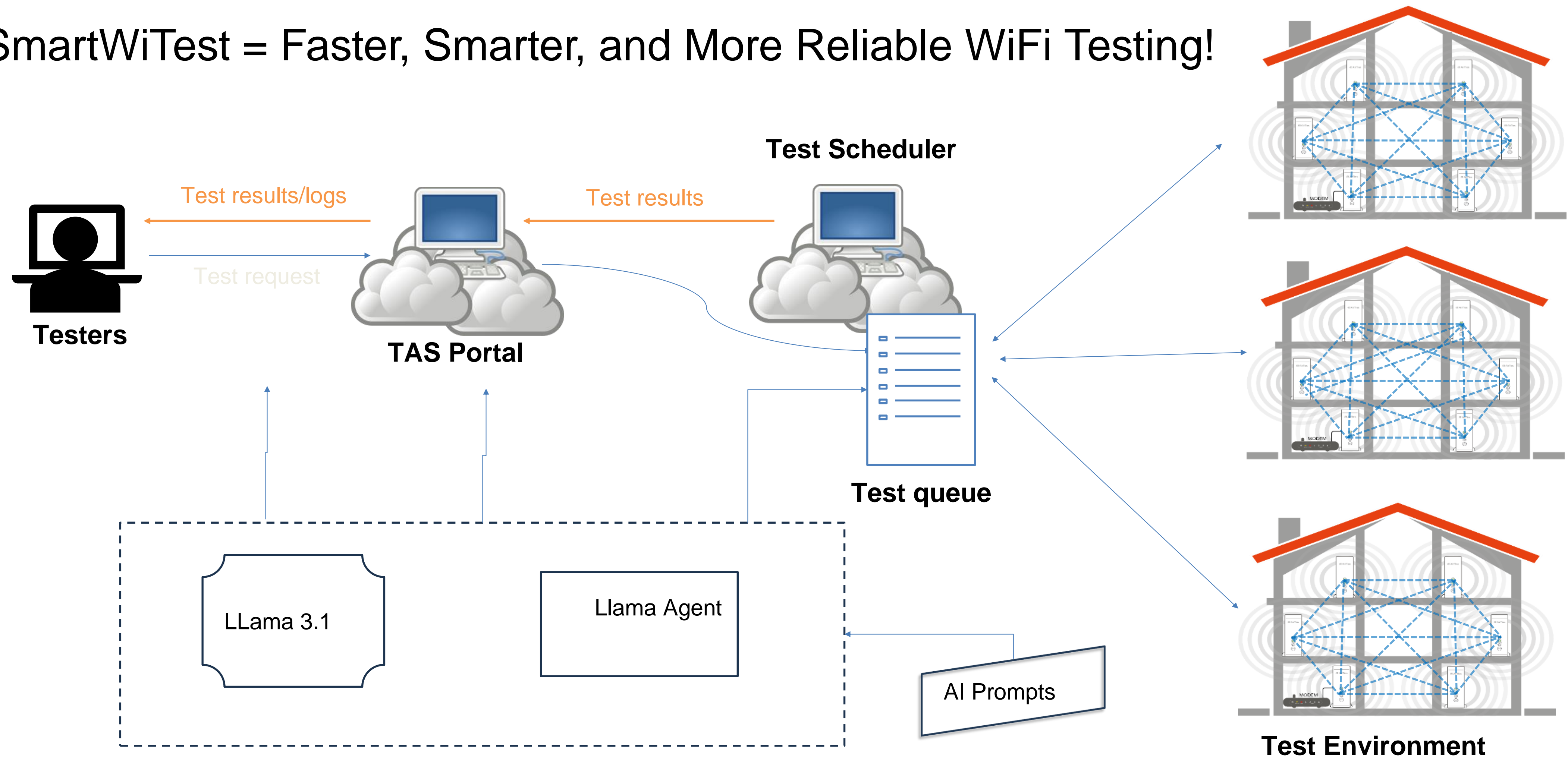
Traditional WiFi testing is slow, costly, and prone to human error. Current methods lack adaptability to dynamic network environments. SmartWiTest introduces AI & ML to optimize test execution, ensuring faster, smarter, and more reliable testing.

Content & Key Features:

- AI-powered test automation for real-time optimization
- Machine Learning-driven test scenarios adapting to network conditions
- Cloud-based management for seamless remote testing
- Faster & more accurate WiFi performance validation

Proposal Introduction (2)

SmartWiTest = Faster, Smarter, and More Reliable WiFi Testing!



Proposal Introduction (3)

Expected Outcomes:

- AI-driven WiFi test automation platform
- 50% faster testing processes with reduced human intervention
- Adaptive & intelligent test scenarios using Machine Learning
- Cloud-based test management for remote and scalable testing
- Improved accuracy with real-time anomaly detection

Impacts:

- For Telecom Operators: Faster and more reliable network validation
- For IoT & Smart Device Manufacturers: Optimized device connectivity & performance
- For Data Centers & Enterprises: Efficient troubleshooting and reduced downtime

Proposal Introduction (4)

Project Timeline (36 Months)

- **Months 1-6:** Requirement analysis & AI model development
- **Months 7-18:** Core platform development & integration
- **Months 19-30:** Testing, validation & optimization
- **Months 31-36:** Pilot deployment & commercialization strategy

Partners



Managed Wi-Fi Solutions



Existing Consortium & Partner Collaboration

- TR consortium is full

Looking for partners with expertise in:

- **AI & Machine Learning** for intelligent test automation
- **Telecom & Network Infrastructure** for real-world validation
- **IoT & Smart Device Development** for connectivity optimization
- **Cloud & Edge Computing** for scalable and remote testing
- **Cybersecurity & Data Privacy** for secure network testing

Contact Info

For more information and for interest to participate please contact:

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Presentation is available via:

