

19 Ericsson R&D Italy Demos

3 Other Ericsson Garage Demos

1 MELA "Learning" info point



Area	Title	#
Sustainability	Resource optimization in Telco RAN	1
	Resource optimization in Enterprise	2
	Cooling propellers for noiseless operation	3
	Heat dissipation in additive manufacturing era	4
Connectivity	AI assistant for automatic Network configuration	5
	AI Machine Learning for automatic Network configuration	6
	AI assistant for automatic Network configuration (AI TeleGuard)	7
	AI assistant for automatic Enterprise configuration	8
	Resume Network coverage in critical mission and natural disaster	9
	AI robot for demo assistance	10
	AI Info Point	11
Network and Public Security	AI to avoid security rules infringements	12
	AI to protect network violation	13
	Let's hack it!	14
	Network application to alert presence of identified stalker	15
	Identity with AI the fraud Voice distortion	16
Advanced Technology	Quantum for network security	17
	Co-Packaged Optics (CPO)	18
	Self-cleaning connectors	19
Ex. Demos	International Innovation Garages community	20

Innovation Day 2024 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

DEMO TOUR PROPOSAL FOR YOU:

7 AI Assistant for Automatic Network Troubleshooting (AI TeleGuard)

8 AI Assistant for Automatic Enterprise Configuration

12 AI to Avoid Security Rules Infringements

17 Quantum for Network Security

CONVERSATION TRANSCRIPT

User: hi, can you tell me the demo related to generative AI?

Assistant: We're excited to share with you several innovative demos related to Generative AI that are sure to capture your interest!

- ****AI Assistant for Automatic Network Troubleshooting (AI TeleGuard)**:** This demo utilizes a Retrieval-Augmented Generation (RAG) database to ensure the smooth operation of your 2G telecom network by monitoring and applying remedies when issues arise. Imagine having an intelligent assistant that proactively resolves network issues, ensuring minimal downtime and optimal performance.

- ****AI Assistant for Automatic Enterprise Configuration**:** This demo showcases a crew of collaborative generative AI agents that work together to develop SW applications able to instruct Cobots upon requirements taken from a human operator. Envision a future where AI and humans collaborate seamlessly to automate complex tasks.

- ****AI Info Point**:** This AI Assistant is designed to facilitate engaging, human-friendly interactive discussions, leveraging agent-based technology within the generative AI domain and incorporating sentiment analysis feedback. Picture an AI that not only understands but also responds to your emotions, creating a more empathetic and personalized experience.

- ****AI to Avoid Security Rules Infringements**:** This demo supports Network

Management by applying Zero Trust concepts, detecting security infringements, design rules violations, and Common Vulnerabilities and Exposures (CVE) deviations at runtime. Imagine having an AI guardian that vigilantly protects your network from potential threats.

- **Quantum for Network Security**: This portable, modular software agent natively applies Post-Quantum Cryptography and can utilize Quantum Key Distribution, installed on routers in a Wide Area Network. Envision a future where quantum technology secures your network, safeguarding your data and communications.

What would you like to know about these demos? You can ask me next: "Can you tell me more about the 'AI assistant for automatic Network troubleshooting (AI TeleGuard)' demo?"

Faithfulness is 0.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help. I hope you find the demos interesting and informative.

Enjoy the Innovation Day event

Faithfulness is 1.0 [0.0 - 1.0]