

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
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	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
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Network and Public Security	AI to avoid security rules infringements	12
	AI to protect network violation	13
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	Network application to alert presence of identified stalker	15
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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

10 AI robot for demo assistance

5 AI assistant for automatic Network configuration

6 AI Machine Learning for automatic Network configuration

9 Resume Network coverage in critical mission and natural disaster

11 AI Info Point

CONVERSATION TRANSCRIPT

User: hi can you tell me all the demo about connectivity please

Assistant: We have several exciting demos related to Connectivity that I'd like to share with you. Here are the ones that caught my attention:

- AI Machine Learning for automatic Network configuration: This demo showcases the implementation of a packet-optical dynamic transport network for mobile networks, highlighting two specific use cases: energy consumption savings and RAN sharing by Mobile Network Operators. I think this one has a lot of potential for innovation.
- AI assistant for automatic Network troubleshooting (AI TeleGuard): This demo features a telecom knowledge base utilizing a Retrieval-Augmented Generation (RAG) database, which includes product documentation, supports known issues and solutions for an advanced AI agent system. I'm really interested in seeing how this can improve network efficiency.
- AI assistant for automatic Enterprise configuration: This demo presents 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. The possibilities for automation are endless here.
- Resume Network coverage in critical mission and natural disaster: This demo shows how temporary free-space optical links can be used to quickly rebuild network infrastructure after a disaster, with a remote-controlled rover dynamically deploying the transmitters across the affected area. This one has the potential to make a real impact in emergency situations.
- AI robot for demo assistance: This demo features an innovative, self-balancing robot platform with a 360-degree camera and computer vision, designed for remote operation and real-time data collection. I

think this robot could be a game-changer for remote work.

- AI Info Point: This demo is an AI Assistant designed to facilitate engaging, human-friendly interactive discussions, leveraging agent-based technology within the generative AI domain and incorporating sentiment analysis feedback. I'm excited to see how this can enhance user experience.

Would you like to know more about a specific demo or category? You can ask me about the demos related to Sustainability or Security, for example.

Faithfulness is 0.0 [0.0 - 1.0]

User: many thanks

Assistant: It was my pleasure to help. I'm here to help. Enjoy the Innovation Day event

Faithfulness is 0.0 [0.0 - 1.0]