



Innovation Garage 2025 Info Point AI assistant

Inspired by ChatOPM application for Customer Support for Regulatory Solution products

INNOVATION GARAGE DEMO LIST PROPOSAL FOR YOU:

Demo 7 'Network troubleshooting'

Demo 8 'Enterprise configuration'

Demo 2 'Enterprise resource optimization '

Demo 16 'Quantum for network security'

Demo 14 'Against identified stalker'

Demo 15 'Against fraud voice distortion'

Demo 23 ' Smart Ambulance'

CONVERSATION TRANSCRIPT

User: Ciao volevo conoscere tutte le demo presenti nell'Innovation Garage di Pagani.

Assistant: The Innovation Garage at Pagani, part of Ericsson's research and development centers, is primarily focused on cybersecurity and showcases several innovative demos. Here are some of the exciting demos you can find there:

Network Troubleshooting

- This demo features an AI assistant specialized in troubleshooting telecom networks using a Retrieval-Augmented Generation (RAG) database. It helps in identifying and resolving configuration errors and other issues in the network, enhancing overall network efficiency and reliability[1][4].

Enterprise Configuration

- This demo demonstrates how a team of collaborative generative AI agents work together to develop software applications for instructing cobots in a smart factory. The system uses natural language to translate user requirements into concrete actions, streamlining the development process and improving factory operations[1].

Enterprise Resource Optimization

- This demo presents a centralized licensing system that manages industrial resources using data collection and AI/ML techniques. It aims at energy saving, resource preemption, optimization, and predictive maintenance in a smart factory setting, leading to significant improvements in resource utilization and cost reduction[1].

Against Fraud Voice Distortion

- This demo features a network service that uses AI/ML to detect and alert against the use of synthetic speech mimicking a specific individual for fraudulent purposes. This enhances security and protects

against voice-based fraud, ensuring the integrity of communications[1].

Against Identified Stalker

- This demo employs Lawful Interception techniques to protect stalking victims by monitoring the distance between the victim and the stalker using 4G/5G network localization. This provides a critical layer of protection and support for those at risk[1].

Quantum for Network Security

- This demo showcases a portable, modular software agent that applies Post-Quantum Cryptography and Quantum Key Distribution, installed on routers in a Wide Area Network to enhance security. This future-proofs network security against potential quantum computing threats[1].

Smart Ambulance

- This demo highlights how 5G networks and AI can improve emergency healthcare by analyzing ECG traces for early diagnosis of cardiovascular diseases in ambulances. This innovation can save lives by enabling quicker and more accurate medical interventions[1].

Against Security Rules Infringements

- Although primarily located in Genova, this demo is relevant as it involves generative AI supporting network management by detecting security infringements and design rules violations in cloud native environments. This ensures compliance and security in cloud-based systems[1].

Against Network Violation

- Another demo from Genova, but relevant here, it uses machine learning to correlate predictions on single parameters to identify cyber-attacks and network overloads more quickly than traditional methods. This proactive approach strengthens network security and resilience[1].

eHealth and Privacy Protection

- The Innovation Garage at Pagani has developed a system based on blockchain to track personal and public data, ensuring GDPR compliance and protecting sensitive health data transmitted via 5G connectivity. This system safeguards patient privacy while enabling advanced healthcare services[4].

These demos reflect the innovative and collaborative approach of the Innovation Garage at Pagani, focusing on cybersecurity, network optimization, and other advanced technological solutions that drive real-world impact and improvement.

Faithfulness is 1.0 [0.0 - 1.0]

User: Grazie

Assistant: "Grazie mille Spero che le informazioni siano state utili.

Buona giornata e goditi la demo dell'Innovation Garage!"

Faithfulness is 0.5 [0.0 - 1.0]