



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 del sito di Pagani.

Assistant: In the Innovation Garage of Pagani, which focuses on cybersicurezza, several innovative demos are presented. Here are the details of the demos you can find there:

- Against Fraud Voice Distortion

- This demo showcases a network service that uses AI/ML to detect and prevent voice fraud by identifying synthetic speech that mimics the voice and speech patterns of a specific individual. Alerts are sent to the affected user and relevant authorities when fraudulent activity is detected[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. An alarm is triggered when the safe distance threshold is exceeded.

- Quantum for Network Security

- This demo presents a portable, modular software agent that applies Post-Quantum Cryptography (PQC) and Quantum Key Distribution. The agent is installed on routers in a Wide Area Network to set the appropriate end-to-end security level based on hardware security resources and crypto-agility concepts.

- Smart Ambulance

- This demo demonstrates how 5G networks and AI can improve emergency healthcare by analyzing ECG traces for early diagnosis of cardiovascular diseases. It shows how a high-speed 5G connection enables remote support from a doctor during emergencies.

- Network Troubleshooting

- This demo features a telecom knowledge base using a Retrieval-Augmented Generation (RAG) database to troubleshoot telecom networks. The AI assistant helps in identifying and resolving configuration errors and other issues in the network[5].

- Enterprise Configuration

- This demo showcases a collaborative generative AI agent system that develops software applications to instruct Cobots based on requirements from a human operator. It demonstrates how multiple AI agents can work together to translate natural language requirements into concrete actions.

- Enterprise Resource Optimization

- This demo presents a centralized licensing system that actively manages industrial resources using data collection and AI/ML techniques. It aims to optimize energy saving, resource preemption, and predictive maintenance in a smart factory scenario.

These demos highlight the innovative approaches to cybersecurity, network management, and resource optimization being developed at the Innovation Garage in Pagani.

Faithfulness is 1.0 [0.0 - 1.0]

User: grazie mille

Assistant: Di nulla! Sono felice di aver potuto aiutarti a scoprire le demo presenti nell'Innovation Garage di Pagani. Se hai altre domande o hai bisogno di ulteriore assistenza, non esitare a chiedere! Buona giornata!

Faithfulness is 0.5 [0.0 - 1.0]

