



## 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 16 'Quantum for network security'

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:

## ## Against Security Rules Infringements

- This demo highlights a solution that implements advanced zero trust architecture concepts to monitor security throughout the entire lifecycle of a cloud native product. It detects security infringements, design rules violations, and Common Vulnerabilities and Exposures (CVE) deviations using generative AI, ensuring robust security measures.

## ## Against Network Violation

- This demo demonstrates an innovative detection method using machine learning to correlate predictions on single parameters, identifying cyber-attacks and network overloads faster than traditional methods. This approach enhances the efficiency and speed of network security.

## ## Let's Hack It!

- This engaging demo involves cybersecurity games and challenges where participants can engage in hands-on tasks to enhance their knowledge in computer security. Led by a team of ethical hackers, it includes interactive challenges in a Capture-The-Flag-like context, providing a real-world hacking experience.

## ## Network Troubleshooting

- Although primarily located in Pagani, this demo is noteworthy as it involves an AI assistant specialized in troubleshooting telecom networks using a Retrieval-Augmented Generation (RAG)

database. It monitors and resolves configuration errors and other issues in telecom networks, ensuring seamless network operations.

### ## Against Fraud Voice Distortion

- This demo presents 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 technology helps in preventing voice-based fraud and enhancing security.

### ## Quantum for Network Security

- This demo features a portable, modular software agent that applies Post-Quantum Cryptography and Quantum Key Distribution, installed on routers in a Wide Area Network. This enhances security and crypto-agility, preparing networks for future quantum computing threats.

### ## Smart Ambulance

- This demo shows how 5G networks and AI can improve emergency healthcare by analyzing ECG traces for early diagnosis of cardiovascular diseases and supporting remote medical interventions. It highlights the potential of integrated technologies in saving lives.

### ## Enterprise Resource Optimization

- This demo demonstrates a centralized licensing system for managing industrial resources, using data collection and AI/ML techniques to optimize energy saving, resource preemption, and predictive maintenance in a smart factory scenario. This approach maximizes efficiency and reduces costs.

### ## Other Relevant Demos

- While not exclusively listed under Pagani, other demos related to sustainability and AI powering connectivity might also be relevant or available. These include demos focused on heat dissipation, cooling propellers, and Telco RAN resource optimization, primarily associated with the Genova site.

These demos underscore the innovative and collaborative approach of the Innovation Garage at Paganì, emphasizing cybersecurity, network security, and the integration of AI and 5G technologies to drive forward-thinking solutions.

Faithfulness is 0.9 [0.0 - 1.0]

User: Grazie mille

Assistant: "Grazie mille" is a common and polite way to express gratitude in Italian, and here are some key points about this phrase:

### ## Meaning

- "Grazie mille" translates to "thank you very much" or "thanks a million," although it literally means "a thousand thanks"[1][3][4].

### ## Usage

- It is suitable for both informal and semi-formal contexts and can be used with strangers, family, and friends to emphasize appreciation[1][2][3].

### ## Pronunciation

- The correct pronunciation involves saying "GRAH-tzee MEEL-leh," with a slight emphasis on the "e" in "grazie" and a clear enunciation of "mille"[1][5].

### ## Context

- This phrase is versatile and can be used in various situations, such as thanking someone for a gift, help, or any form of assistance[1][2][3].

Enjoy using "Grazie mille" to express your gratitude in Italian

Faithfulness is 1.0 [0.0 - 1.0]