

# Taking NaaS to the Next Level: Network APIs and AIOps



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Global NaaS Event  
By MEF



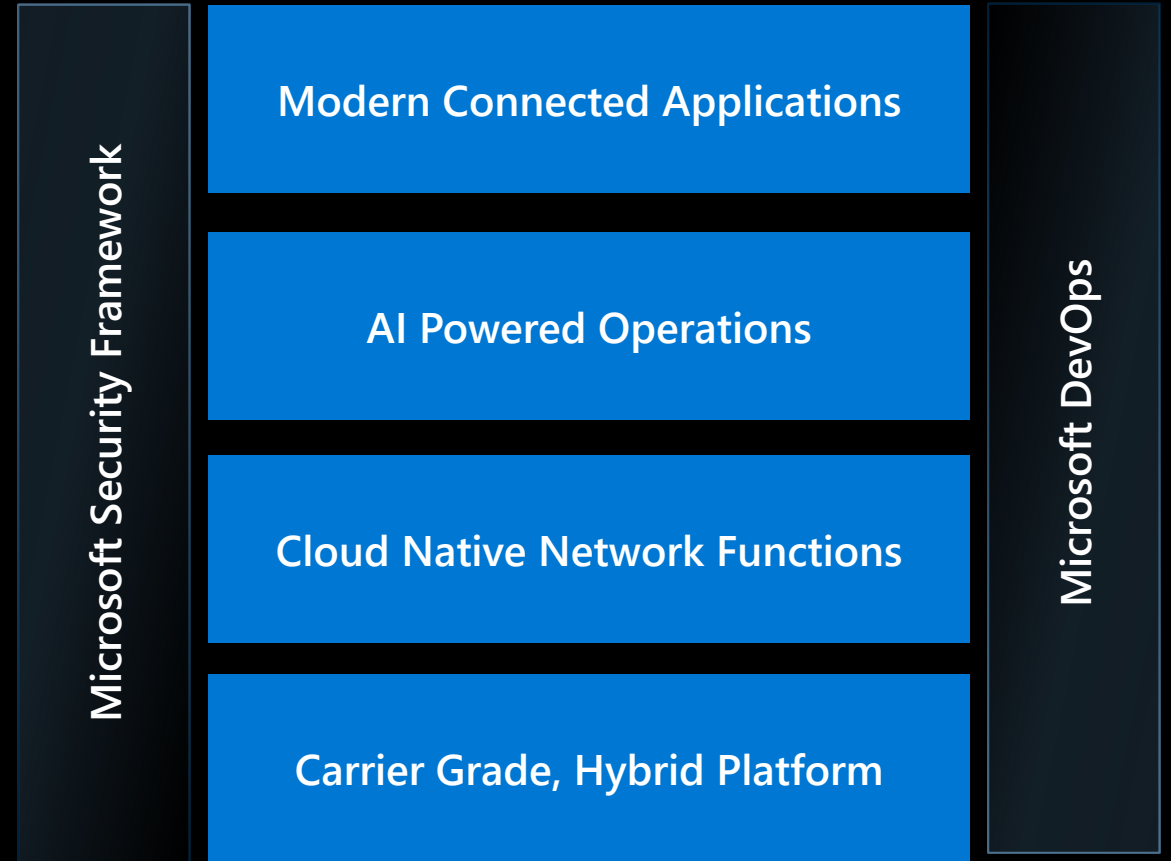
# Next Generation of NaaS

Network APIs and AI Ops

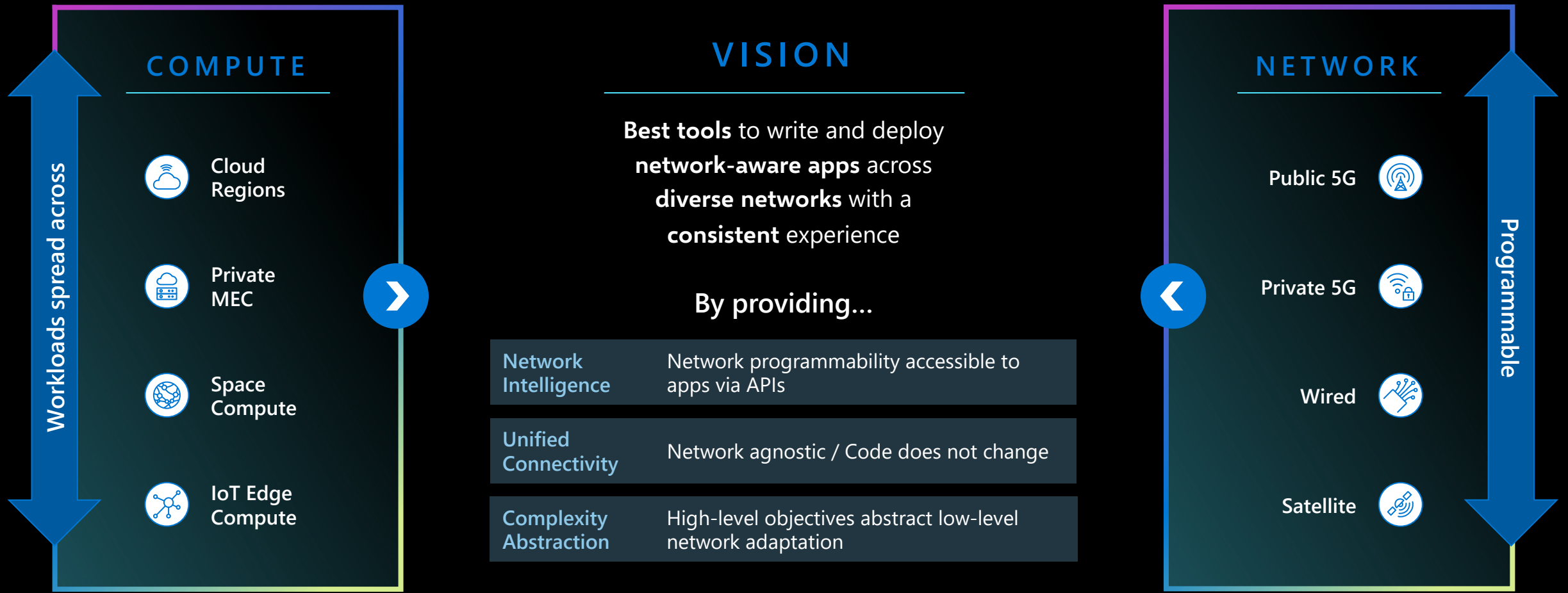
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VP, Azure for Operators

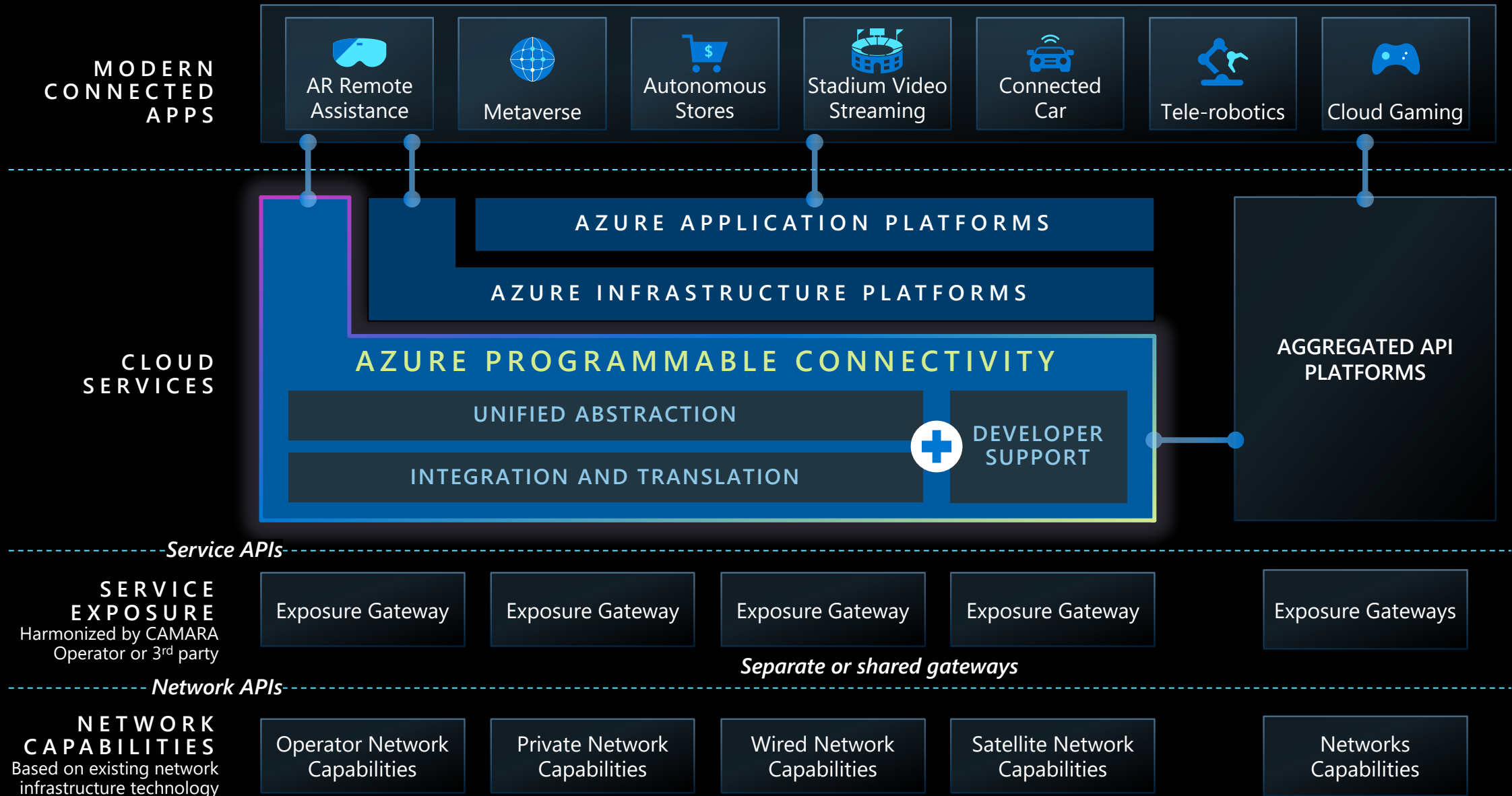
# Modernize and Monetize



# Network Programmability Vision










# Azure Programmable Connectivity Architecture





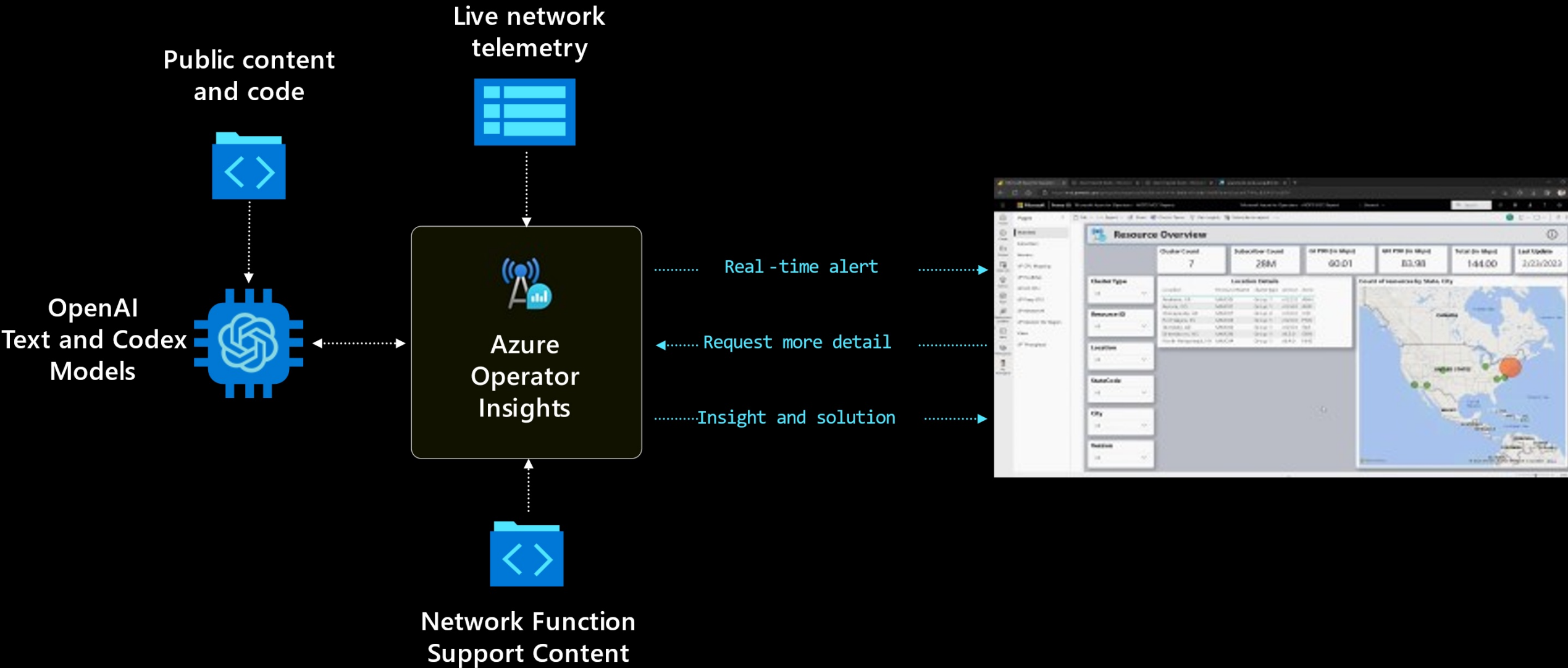
# Example: Quality on Demand

USE CASES	NETWORK API IMPROVEMENT	DEVELOPERS ENGAGED
Real-time Communications	Voice and video quality	 Microsoft Teams  MATSUKO
Remote driven car	Car can be driven in crowded places previously avoided	 Halō
Drones with video analysis	Real-time response for latency sensitive drone maneuvering	 turing agile AI
Low-latency audio platform	Synchronized audio across remote locations	
Event streaming	Improved reliability for critical events and improved quality in crowded locations	 broadpeak  SUMMIT

## Key Benefits

- Improves connectivity (e.g., latency, jitter) in crowded places with high contention for network resources
- Guarantees reliable stable connection for applications where connectivity is critical

# AI Powered Management Experience



« Azure OpenAI

**Playground**

GPT-3

**Management**

- Deployments
- Models
- File Management

Azure OpenAI Studio > GPT-3 Playground [Privacy & cookies](#)

## GPT-3 Playground

Deployments: NLP-for-Operators | Examples: Load an example | [View code](#)

```
1 ### Kusto Query Language tables, with their properties:
2 #
3 # CdrInsights(Node, StartTime, Duration, DisconnectReasonId)
4 # ReasonDetails(DisconnectReasonId, DisconnectReasonDetail)
5 #
6 ###
7 ```kql
```

[Generate](#) [Undo](#) [Regenerate](#) Language [Tokens: 59](#)

### Parameters

Temperature: 0.6

Max length (tokens): 200

Stop sequences: # x ## x ### x ... x x

Top probabilities: 0.5

Frequency penalty: 0.45

Presence penalty: 0.4

Best of: 1

Pre-response text:  Enter text

Post-response text:  Enter text

[Learn more](#)



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Azure OpenAI

**Playground**

GPT-3

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Azure OpenAI Studio > GPT-3 Playground Privacy & cookies

# GPT-3 Playground

**Deployments** **Examples**

NLP-for-Operators-TextGen Load an example View code

# Explain the following Kusto Query language script:

**Generate** Undo Regenerate Tokens: 0

### Parameters

**Temperature** 1

**Max length (tokens)** 400

**Stop sequences**

# x ... x

**Top probabilities** 0.5

**Frequency penalty** 0.25

**Presence penalty** 0.1

**Best of** 1

**Pre-response text**  
 Enter text

**Post-response text**  
 Enter text

[Learn more](#)

Azure Operators Insights

aiopscopilot.microsoft.internal/

### AIOps Operator Co-Pilot Concept (Powered by Azure Operator Insights)

**AIOps Copilot** 08:00  
Hi, welcome to AIOps Copilot!

Enter your message... **Send**

# Why MEF Matters

Comprehensive NaaS Vision

Automation / Orchestration Framework

Willingness to Partner across Industry Efforts

Cross Operator Standardization



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