

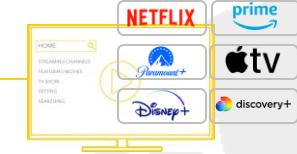
# Smart5Grid

La rivoluzione della rete di distribuzione  
attraverso la connettività del 5G e delle NetApp



- 5GIItaly - 5^ Edizione, 30 Nov - 1 Dic 2022

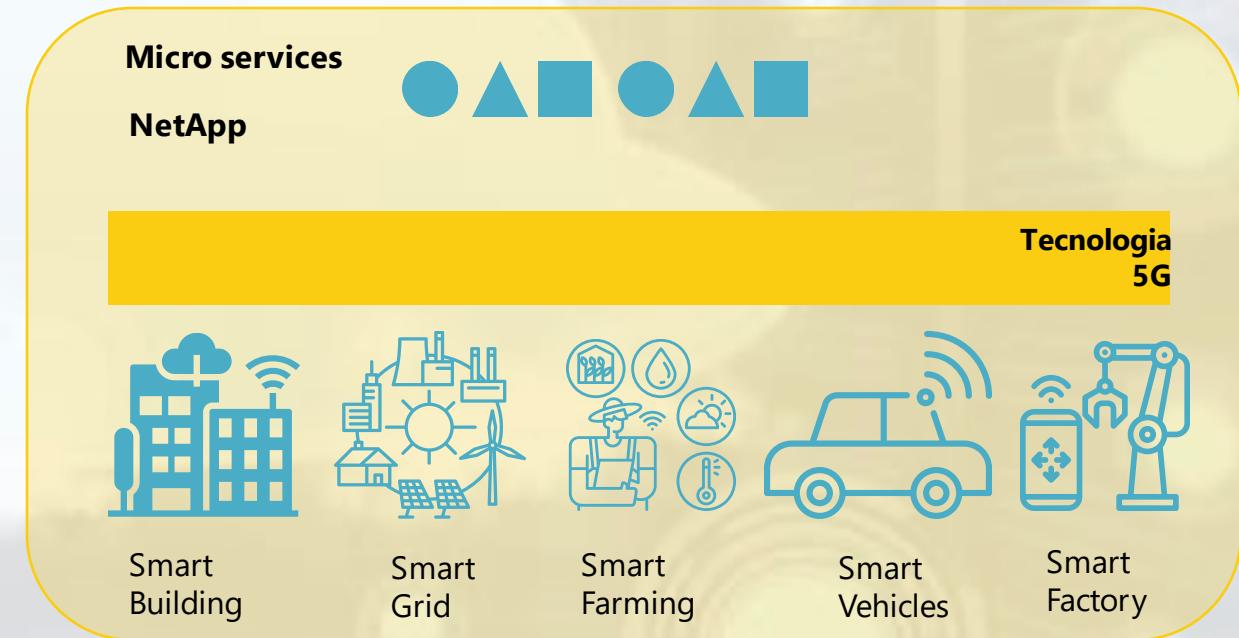
## Evoluzioni a confronto

**Cable TV****Color TV****Video Recorder**  
On Demand**DVD Blu Ray**  
On Demand  
High Quality**Smart TV Streaming**  
On Demand  
High Quality**1G**

Voice

**2G**Voice  
SMS**3G**Web Browsing  
Data  
Optimized voice**4G**Video  
MTC  
Optimized data  
Unlimited voice**5G**Industrial IoT  
Interactive video, AR  
Optimized video  
Optimized MTC  
Unlimited data  
Unlimited voice**6G**Dynamic digital worlds  
Massive scale AI & sensing  
Low-cost Industrial IoT  
Optimized video  
Unlimited MTC  
Unlimited data  
Unlimited voice

## 5G – nuova tecnologia *abilitante*



# La fusione Dei mondi



# Smart5Grid



Demonstration of 5G solutions for  
**SMART** energy **GRIDs** of the future



Open NetApp  
repository



NFV automatic  
testing  
and validation  
framework



Four advanced 5G  
real-life  
demonstrators



Roadmap for  
third party  
experimentation



Liaison and Interaction  
with 5G-PPP Program



Impact creation  
and exploitation



NetApp Market place  
Test & Validate facility



## Italian Demo | Olbia

Automatic Power Distribution Grid Fault Detection



## Spanish Demo | Barcelona

Remote Inspection of Automatically Delimited Working Areas at Distribution Level



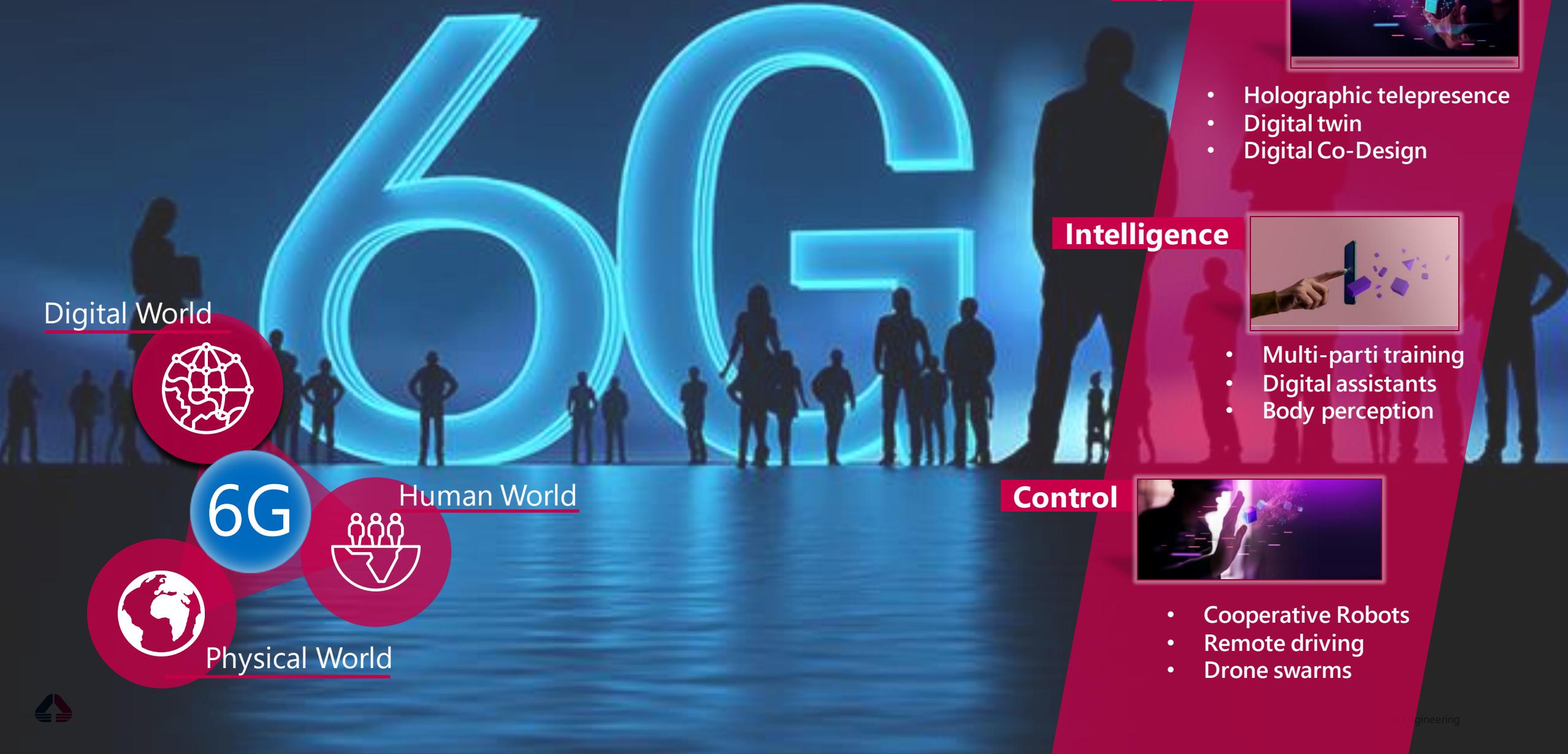
## Bulgarian Demo | (Southern region)

Millisecond Level Precise Distribution Generation Control



## Bulgarian-Greek Demo | (Cross-border)

Real-time Wide Area Monitoring





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