



RAINBOW

# Open & Trusted FOG Computing Platform

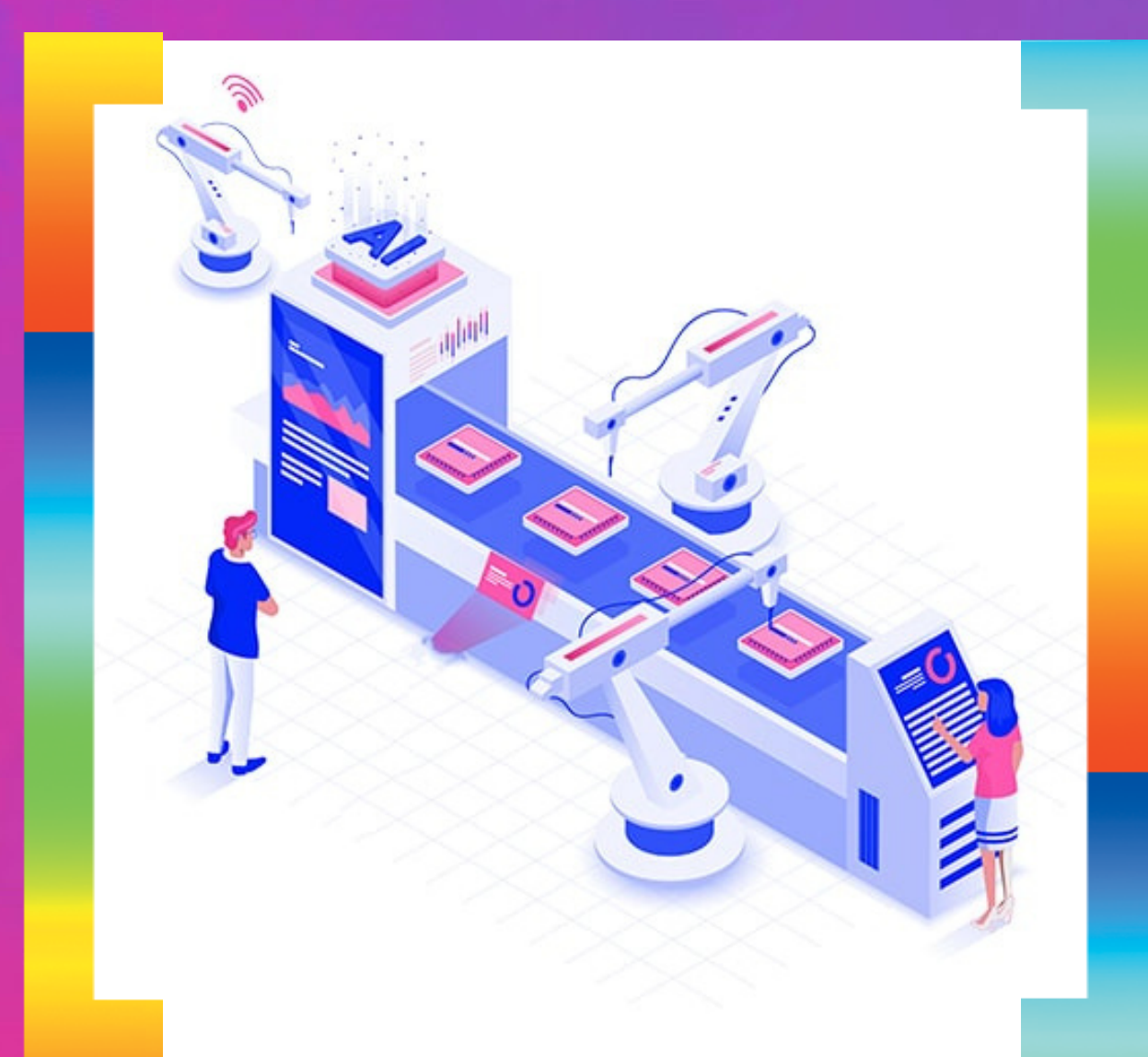
Manage Scalable Heterogeneous &  
Secure IoT Services

## MARKET POTENTIAL OF RAINBOW

With RAINBOW IoT service operators can focus on their service's business logic and leave to RAINBOW the burden of how and where services must be placed in the fog continuum. RAINBOW has the potential to disrupt the cross-cloud apps market by its ability to:

- Restrain the use of cloud resources and instead exploit underused nearby devices
- Simplify the deployment process
- Increase operation efficiency
- Optimize resource management & reduce latency
- Save time and costs for the provider, the developer and the end-user

## RAINBOW USE CASES



### Human-Robot Collaboration in Industrial Ecosystems:

RAINBOW deploys indoor positioning services to physical fog nodes with the task of processing safety-critical sensing data to prevent collisions and fatal accidents.



### Digital Transformation of Urban Mobility:

RAINBOW creates a real-time georeferenced notification system for vehicles in urban areas about critical situations for the road network and adopts bilateral exchange mechanisms and real-time service availability on the move



### Power Line Surveillance via Swarm of Drones:

RAINBOW facilitates the adaptive onboarding of data processing tasks on a swarm of drones that scan power-line infrastructure leading to improved energy autonomy and monitoring capability

## RAINBOW CONSORTIUM



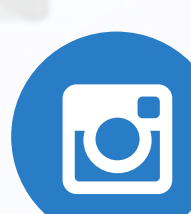
Rainbow Project



RAINBOW Project - H2020



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Rainbow Project

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