Intelligent Edge – Powered by 5G Cloud Box Enabled by Microsoft PMEC

We are integrating our Cloud Native Automation Solution and Vertical/Horizontal Industries assets with Microsoft PMEC technology to simplify edge adoption, bringing distinctive value to clients.

- **Simplicity**: Pre-engineered E2E solution to easily access to a high-perf network connectivity services.
- **Cost efficiency**: Robust business case to support different edge development scenarios.
- **Flexibility**: Best-in-class solutions, partners, and network equipment to address various scenarios.
- **Control**: Control over network, devices, data, and insight into performance.
- **Support**: ”No Hassle to Enterprise” experience with managed service offering.
- **Innovation**: Continuous Innovation model behind the scenes.
MANUFACTURING DEMO BLUEPRINT

In Accenture Labs different use cases are already available for energy, manufacturing clients needs, together with Accenture Edge Gateway tools for enabling new use cases in a simple way.

**PRIVATE 5G SA NETWORK**
3 RUs only “Private 5G SA Network in-a-Box” based on Third Party O-RAN and Microsoft PMEC Core deployed on Azure on Premise Virtualization Layer

**SHIELD TENT**
RF protected environment to put on Air Wireless Signal without interferences

**QUALITY INSPECTION USE CASE**
High Definitions 5G Cams scenario to automate quality improvement for production lines, though a real time detection of defects on semi-finished products via Adaptive Platform

**PPE COMPLIANCE/WORKER SAFETY USE CASES**
Recognition of a various set of risk scenarios via 5G Gateway connected with IP Cams and Video Analytics, ML/AI performed by Adaptive Platform in a 5G Low Latency Local Breakout provided by a 5G Private network

**3.6 GHz TDD INSIDE THE SHIELD TENT**

**EDGE GATEWAY**

**Microsoft Edge Box**
- Unified Experience
  - Chat Bots
  - Mobile App
  - User Portal
  - Admin Portal
- Ops Monitoring/Reporting
- Call Centers
- Rule & Alarm Mgmt
- Analytics
  - Analytics Model Lifecycle
  - Model execution and at edge distribution

**3.6 GHz TDD**

**Inside the Shield Tent**

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