

Today we'll be talking about

- 01. Why private 5G for industrial?
- 02. Private 5G use cases in action
- 03. What's needed moving forward?
- 04. Conclusions what's next?





Having a common platform to orchestrate private 5G deployments is crucial for success.



Devices

 9 billion smartphone connections by 2030



Networks

5G will overtake
4G in 2029 to
become the
dominant mobile
technology



Verticals

- Factories (Industry 4.0)
- Energy/utilities
- Oil, gas & mining
- Transport & logistics
- Agriculture
- Education
- And more



ΑI

Traditional and generative



Edge

 Edge enabled hardware and software





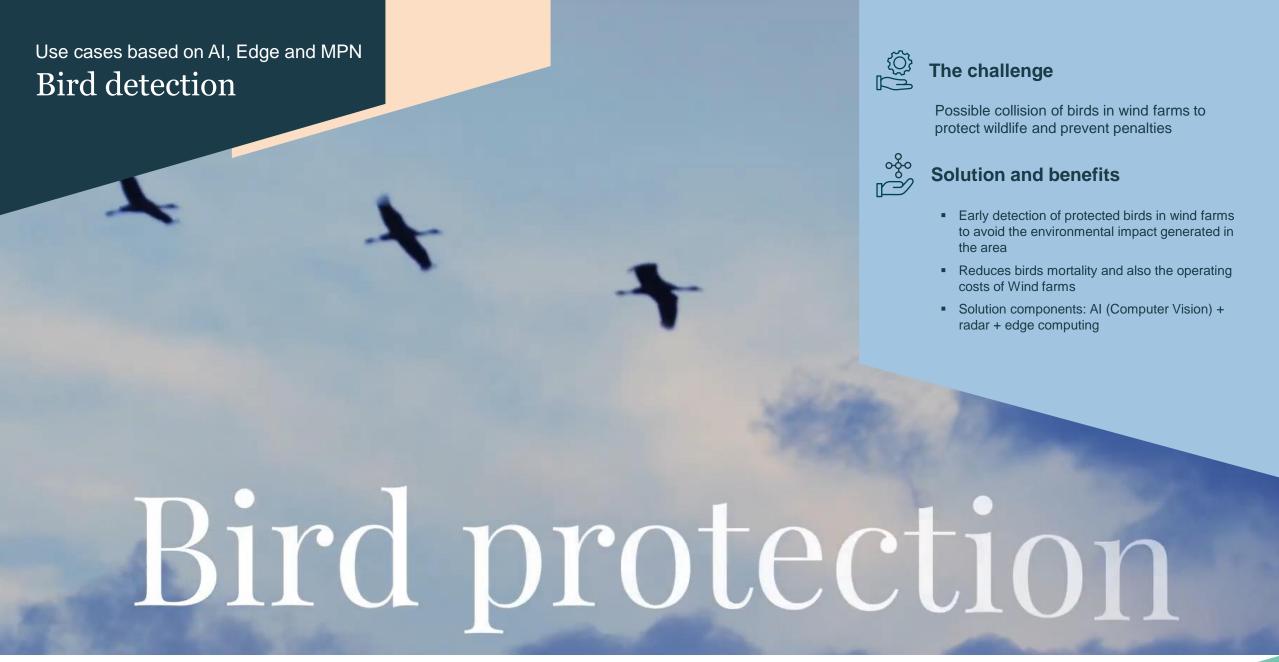




























The challenge

Fast detection of oil spills, minimising emergency response times



Solution and benefits

Automatic detection of small volumes of oil spills in a few minutes, being a prevention system that anticipates the response phase in case of emergency

- Increases safety in port operations for loading and unloading of potentially polluting materials
- Improved incident response through early warning
- Accurate identification of the spill and the vessels involved
- Solution components: High definition and IR Cameras, AI (Computer Vision) + radar + edge computing

Environmental surveillance























What is needed to move forward on the MPN



Start with having the right tools for the job:

- Build it on an edge-native platform, extensible for Al
- Power efficient and extensible compute architecture
- Affordable and diverse radios and devices
- Add in better automation to simply Day 0/1 deployment
- Oh yes, and more spectrum please!
- Great Teamwork!

Come see how Intel and Red Hat collaborate on delivering private wireless on the newly launched Intel Edge Platform with Red Hat OpenShift and Intel FlexRAN® software

Hall 3 Booth #3E31









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