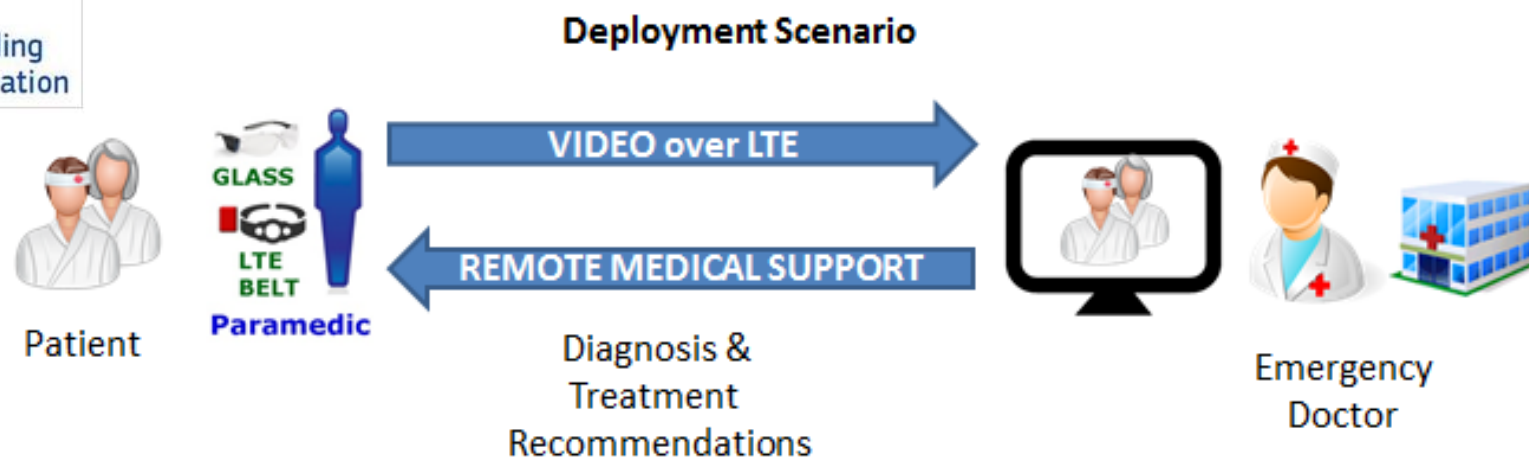


Quality of Service and prioritisation for emergency services in the LTE RAN stack



- Three Partners
- 2 years Innovation Action, Starting 1 January 2016
- Q4HEALTH project is an innovation action focused on the optimization of real time video for emergency services over LTE.
- The project is implemented as a set of experiments conducted over the FIRE platforms PerformLTE and OpenAirInterface
- Challenge - how to optimize wearable LTE video
- 6 Experiments
- Evaluation of 20 KPIs for wearable video
- Contact dmorris@redzinc.net





	Experiment	Experiment Name
EPC	Experiment A	Application to EPC Service Control <i>Evolution of the Rx interface using OpenFlow</i>
	Experiment B	Application Controlled In Building Handover <i>Between LTE pico cells, small cells and Wi-Fi</i>
	Experiment C	Group Video over OpenFlow at Adjacent Macro Cell <i>OpenFlow to support group sharing of video/audio directly to adjacent eNodeB without trombone to EPC</i>
Access	Experiment D	Scheduling Optimisation for Priority Video <i>Scheduling programmability through API allowing application-specific resource allocation</i>
	Experiment E	UE Antenna evaluation <i>Comparison of belt mounted wearable antenna</i>
Showcase	Experiment F	Integrated Experiment to showcase optimal features <i>Validation of all features with end to end validation and showcase</i>