

Srđan Kovačević CEO Orqa









iFPV – Immersive First Person View







"I'm sure we can do it cheaper & better..."



"I'm sure we can do it cheer & better..."



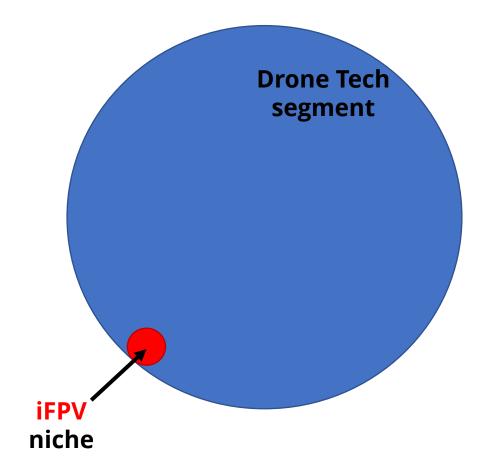
We found a growing niche where we can be #1 in the World.



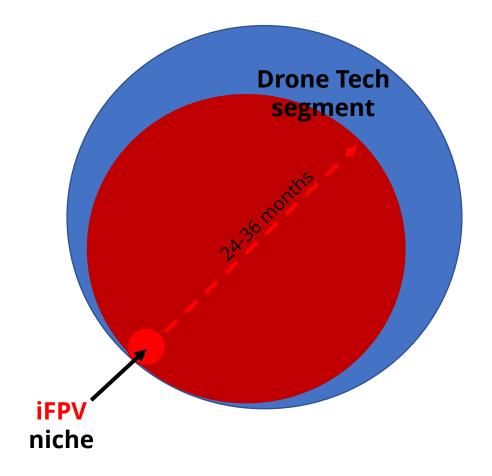
World's **best** FPV goggles.

Launch date: H1-2019









Experience and emotion of

flight.







"There must be other innovative uses of iFPV technology..."



Problem:

iFPV is a technology that effectivelly got stuck in the 1990's.

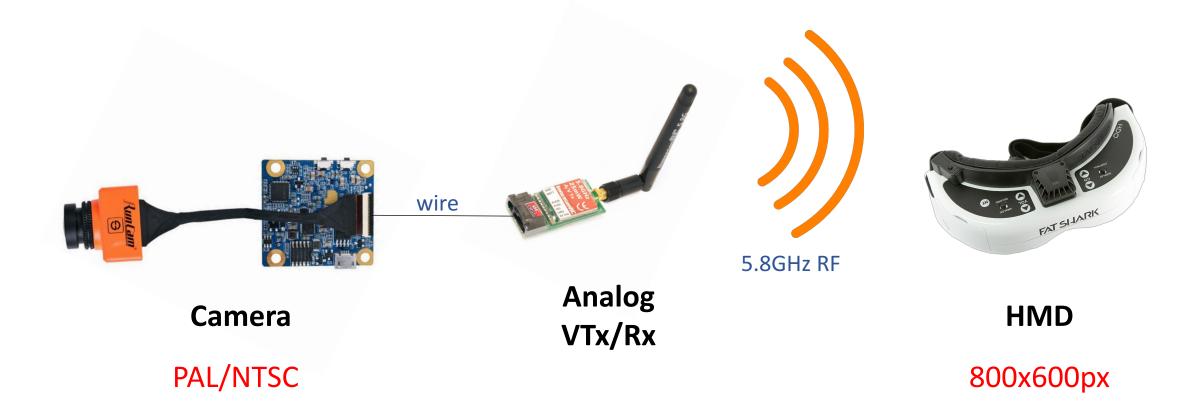


It is:

analog,
5.8GHz radio,
short-range to mid-range.

FPV state of art







Mission:

we set out to evolve FPV, take it into the 21st century, in order to enable new applications.



Rethinking FPV:



Rethinking FPV: sensory teleportation.



Technology that enables immersive experience of a remote real-world environment, in real time, with latency low enough to enable friction-free interactive user scenarios.



xReality:

Virtual Reality

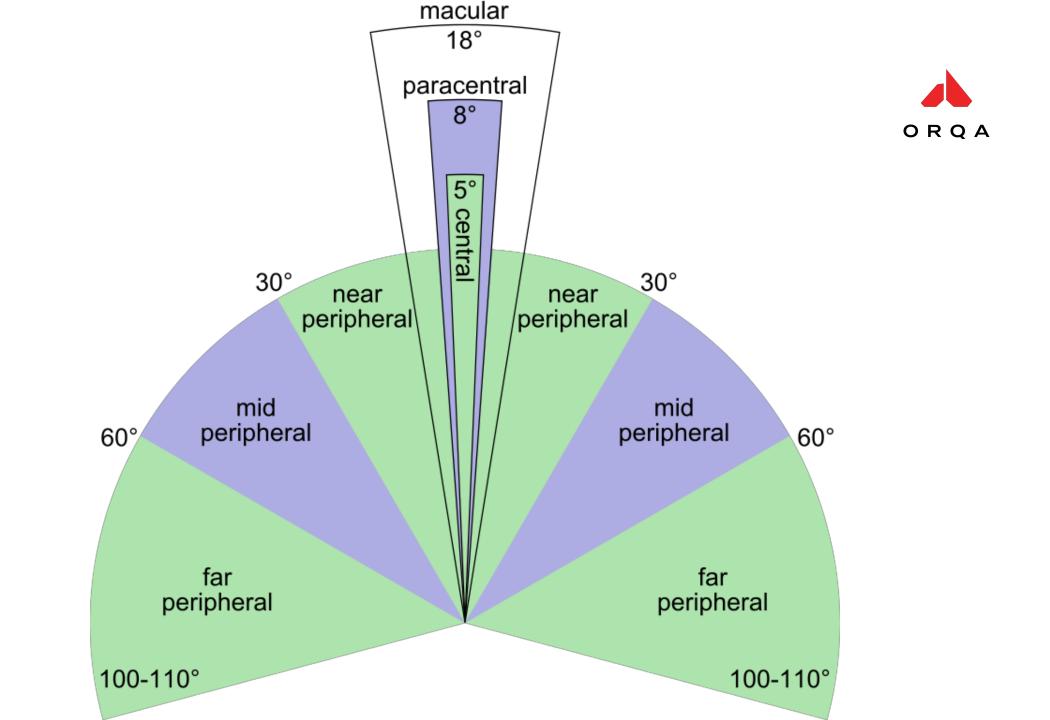
Augmented Reality

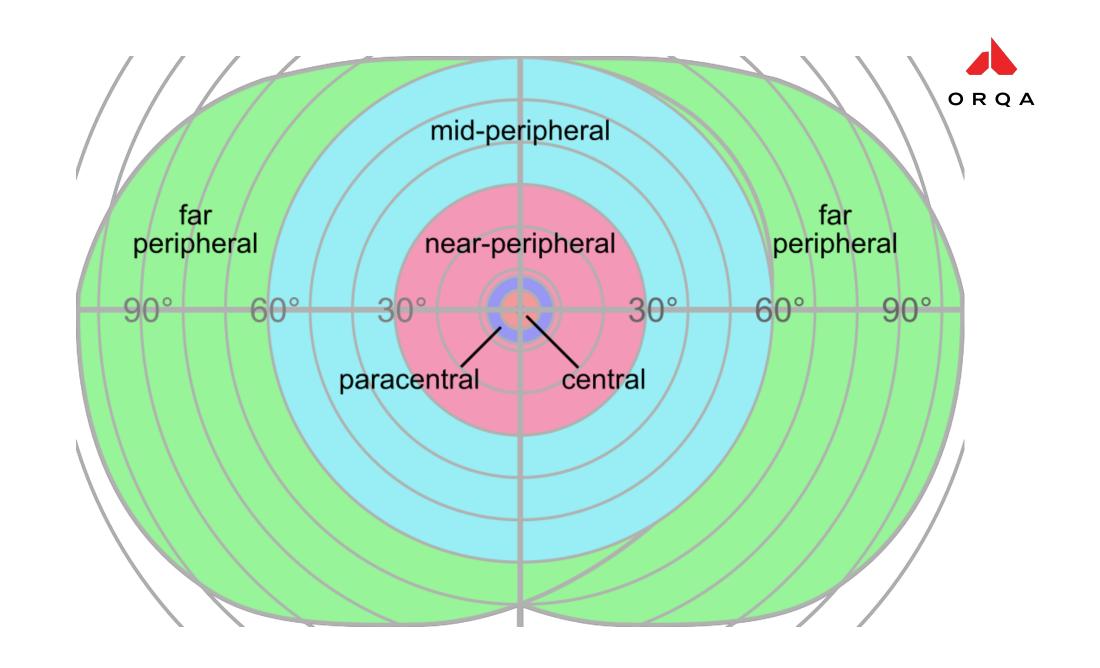
Remote Reality



RR ≠ VR









FOV

Bitrate (latency)

Form-factor



RR ≠ VR

Completely different hardware stack, solving different technical challenges.

Immersive display

Video stream transport

Video stream origination



What are the use cases today?



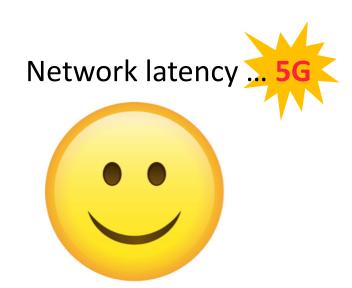
What are the use cases today?

Network latency...





What are the use cases tomorrow?





What are the use cases tomorrow?

Immersive teleoperation.



What are the use cases tomorrow?

Immersive remote inspection.



What are the use cases tomorrow?

Immersive remote expertise.



What are the use cases tomorrow?

Immersive telemedicine.



What are the use cases tomorrow?

Assisted/guided/monitored autonomy.



What are the use cases tomorrow?

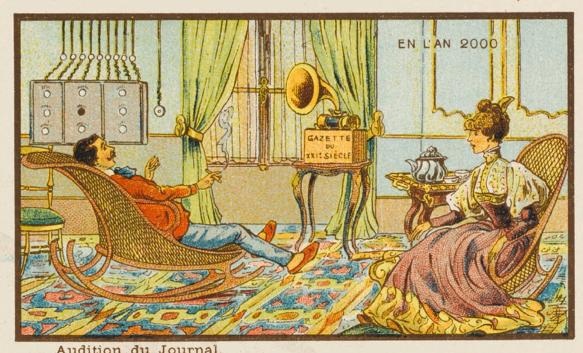
Remote vision solution for autonomous platforms.



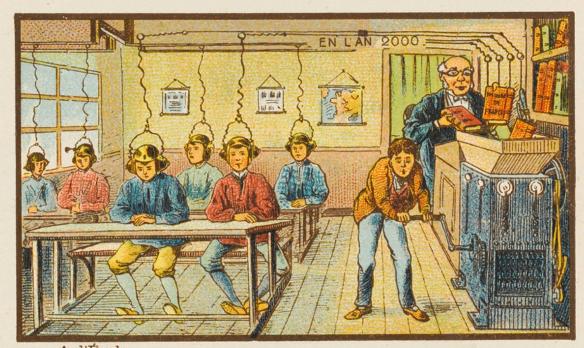
What are the use cases tomorrow?

Virtual mobility.

It is risky to predict future technology.

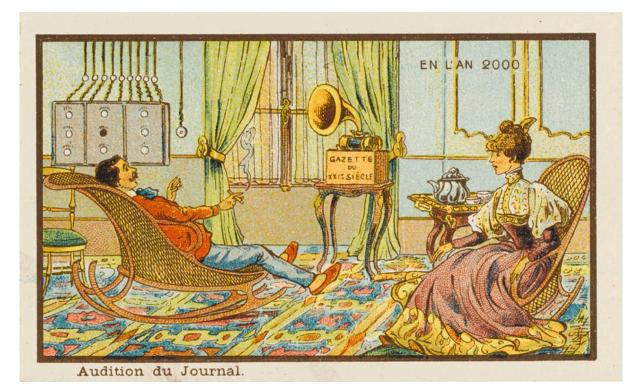


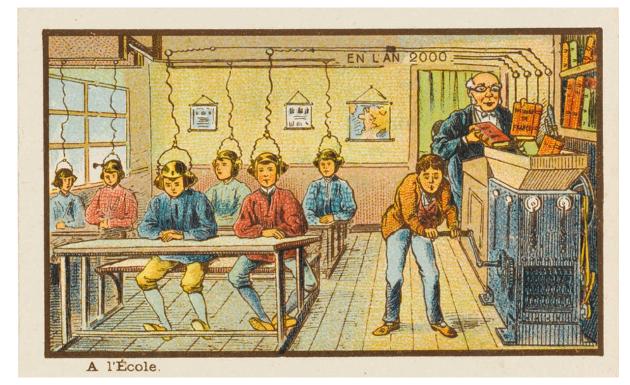
Audition du Journal.



A l'École

It is risky to predict future technology.





"As to Bell's talking telegraph, it only creates interest in scientific circles, and, as a toy it is beautiful; but ... its commercial value will be limited."



Elisha Grey, 1876.



ORQA

Remote Reality



We take you there.

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www.orqafpv.com