



# Creating the world's leading 5G motorsports arena

## High speed 5G comes to KymiRing

At 4.5km long and the longest GP straight in Europe, Finland's FIA and FIM certified KymiRing is one of the world's most impressive motorsports circuits. Off the GP track, the 180 hectares site boasts an asphalt/gravel dynamics area and numerous off-road tracks for vehicle testing, advanced pit facilities, a motor village and dedicated commercial and spectator areas.

Now, with a private wireless network from EDZCOM, a Cellnex company, KymiRing is also home to the world's most connected GP track.

## Connectivity is the key to the future

KymiRing has big ambitions, and not just as a host to the world's biggest motorsports' franchises – on two and four wheels.

The circuit is rapidly expanding its track days and training business, developing its advanced off – and on-road vehicle testing facilities – including the creation of a safe environment to develop autonomous and connected vehicles and software. And it's fast becoming a 'destination' for hi-tech businesses of all kinds.

Ultra-fast 5G connectivity is at the core of its vision.

**“With a private wireless network from EDZCOM, a Cellnex company, KymiRing is home to the world's most connected GP track.”**



## Vision

- Future-proofed network to fulfil international major event broadcast needs
- Dedicated, secure 5G connectivity for autonomous and connected car and software testing
- Enable digital transformation through enhanced legacy WiFi and public network connectivity

**“We see this platform as a springboard to build our digital business and develop new services.”**

Markku Pietilä  
CEO, KymiRing

## EDZCOM (Cellnex) solution

- Design and installation of a high capacity, high performance private network
- Managed migration from an existing private LTE solution
- Ongoing management and optimisation of the 5G network

**“Nothing on the track will remain beyond coverage and everything can be monitored and controlled in real time.”**

Markku Pietilä  
CEO, KymiRing



## Business benefits

- Dedicated 5G coverage across the entire 180 hectare site
- Live streaming of multiple concurrent in-car cameras for broadcast partners
- Guaranteed connectivity in all pit and testing areas for demanding automotive conditions
- Secure, real-time delivery of testing data to manufacturer/ partner analytics
- Real-time monitoring, seamless mobility and handover of connected assets across the site
- High spectator experience with a first class network service
- Platform for future services including massive IoT connectivity and automation

## KymiRing private network – connectivity architecture

- Private 5G (B40/2.3GHz)
- Dedicated spectrum
- 6 base stations across the site and local core
- 25 mast locations across the site
- Private network accessible with KymiRing SIM cards
- All data stays on site
- Interconnection to existing architecture
- Connection for all existing assets with seamless hand-over
- Network performance dashboard and control
- No dependency on external networks
- E2E platform for private wireless connectivity



See the solution live at [www.en.kymiring.fi](http://www.en.kymiring.fi)



For more on how Cellnex can deliver dedicated private networks and enhance public network coverage in motorsports venues, contact [danny.hoyle@cellnextelecom.co.uk](mailto:danny.hoyle@cellnextelecom.co.uk)

**“With this network investment we will have the capacity to broadcast a live stream of numerous racers at the same time.”**

Markku Pietilä  
CEO, KymiRing

To discover more about how Cellnex can enable Silverstone to become the smartest and most connected racing circuit in the world, [click here](#).