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Nokia, Partenaire Officiel des Championnats du Monde de Cyclisme sur Piste UCI Tissot 2022, démontre les usages de la 5G mobile privée.

Nokia to showcase 5G private wireless as the Official Partner of 2022 Tissot UCI Track World Championships

Vélodrome National de Saint Quentin en Yvelines
Place de la Paix Celeste 78180 Montigny-le-Bretonneux

Du 12 au 16 Octobre 2022

Championnats du Monde de Cyclisme sur Piste UCI Tissot 2022

Ces championnats ont lieu au Vélodrome Olympique de St-Quentin en Yvelines du 12 au 16 Octobre

Cet événement est retransmis dans plus de 98 pays, attire plus de 20000 spectateurs et 3000 journalistes

Nokia est sponsor officiel de cet événement et démontrera les cas d'usages développés dans le cadre de l'expérimentation 5G stadium lab avec un écosystème de partenaires prestigieux du monde Telco, IT, Audiovisuel et la pointe de la french tech.

Nokia est ravi d'être sponsor de ce stade connecté en 5G Nokia privé (cmWave N77 SA et mmWave N258 NSA) et de pouvoir vous accueillir sur son stand situé sur l'esplanade à l'extérieur du stade.



- Votre badge QR code vous permettra de participer à un tour de nos cas d'usages dans notre stand à l'heure fixée dans le mail de confirmation.
- Nos exécutifs et experts seront là pour vous présenter nos 8 cas d'usages en live autour d'un verre ou en action sur un vélo connecté.
- Bien sûr votre ticket vous permettra de suivre les courses à l'intérieur du stade ainsi que de visiter notre infrastructure 5G privée avec nos experts techniques (small cells, terminaux, cœur de réseau, edge cloud...)



5G Stadium Lab Cas d'usages



Live 5G stream of the race



1



5G Multiview



2



5G Augmented Reality



3



5G Live
Multicams 360°



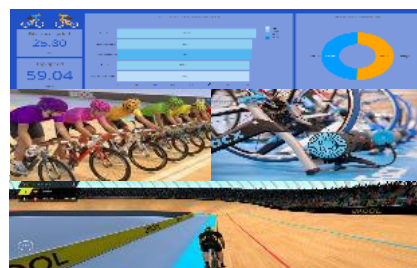
4



5G Connected
Photograph



5



eCycling



6



SUPRALIVE Audio



7



5G Backstage
immersive tour

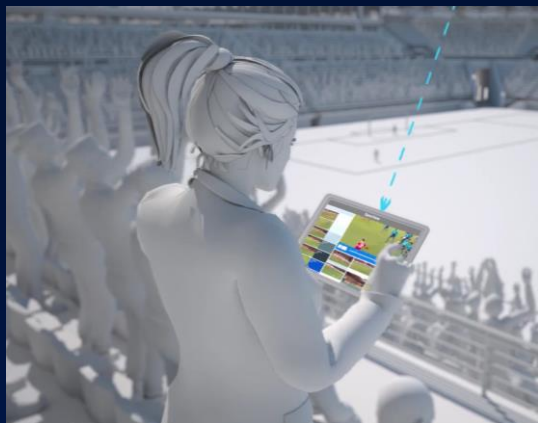


8

Connected stadium for UCI World Championship

Spectators

under operator 4G/5G coverage



Stadium

Nokia 5G Private Wireless
cmWave SA & mmWave NSA

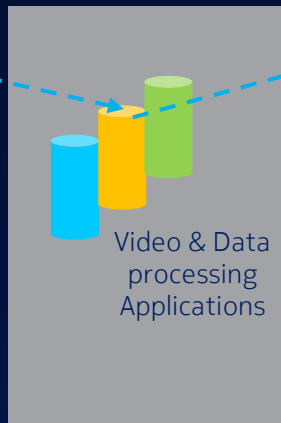
5G Video Capture:

- 2 PTZ cameras
- 1 cable cameras
- 3 360° cameras including 8K
- 1 portable 5G cameras
- 2 photograph cams



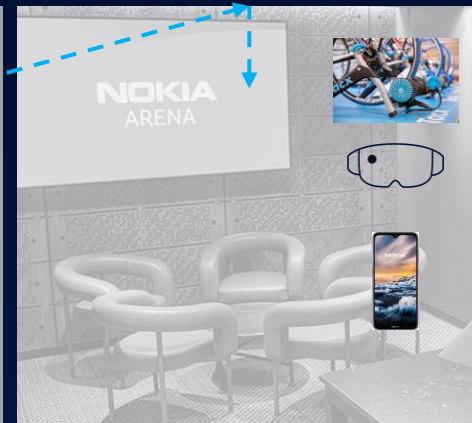
Technical room

5G core+Edge



Nokia Hospitality Zone

Outside Stadium



Eurovision Video &
official Data



Demo descriptions

Demo name	Short description	Private Network	Demo main contributor
Live 5G Stream of the race	VIP can watch high quality videos of the event from a TVs wall and see how sharp picture can be sent through Nokia 5G mmW uplink. Cameras PTZ are controlled remotely 5G mmW real time	Live 5GmmW N258	XDMotion + Nokia
5G Multiview	5G allows to boost the VOGOSPORT application, integrating a more dynamic "look & feel", broadcasting additional angles of view, with optimal image quality	Live 5G cmW SA	VoGo
5G Augmented Reality	Information about the cyclists, the competition and the results from TISSOT/UCI are inserted in real time into the XD motion video source	Live 5G N77/N258	XD Motion
5G live multicams 360°	VIP can watch high quality 360° videos of the event on tablet or wear a VR headsets. He can select a multimedia stream from two 360° cameras on cables	Live 5G 8K mmW UL 4CC N258 NSA	Orange Events
5G Connected Photograph	The photograph send in 5G all his pictures to the server. VIP can see upload of photos in a PC gallery connected to a TV from the wall.	5G cmW SA	Orange Events
E-cycling	Use of connected bikes and broadcasting of pre-recorded images of the track and cyclists	5G cmW SA	Kinomap
SUPRALIVE Audio	Thanks to 5G, the spectator can have access to different audio streams with his smartphone, without latency, and immerse himself even more in the heart of the event (Multi-language, Sound in the race...)	5G cmW SA	Augmented Accoustics
5G Backstage immersive tour	A mobile camera connected in 5G circulates on the central area to show as close as possible the warm-ups, the preparation, medal ceremony, interviews..	5G cmW SA	Orange Events

Nokia connected venues

CONNECTIVITY

Attract demanding visitors with high performance connectivity and immersive applications

DIGITAL FANS EXPERIENCE

Immersive applications

Incremental revenue from consumption, advertisement, and TV and digital media rights

SECURITY

Enhanced stadium safety and security through video and tracking, at lower costs than legacy systems

Venues such as stadiums must digitalize and differentiate to improve the operational efficiency, security and fan experience.



Michel Callot President FFC

October 2022 TISSOT UCI Track World Championships which will take place here in Saint-Quentin-en-Yvelines, in the national Velodrome, will allow us to fully experience the benefits of 5G thanks to this partnership with Nokia. There are many advantages that are expected, which are in particular linked to the fact that 5G will enable us to manage millions of data. These data will be very useful for sports teams, coaches, who can use them to improve performance and of course it will enable us to enhance the spectators' experience.



Youtube video interview

[\(180\) 5G Use Cases at 2022 Tissot UCI Track World Championships – YouTube](#)

Stephane Haulbert - Nokia Enterprise West Europe Sales director

Nokia is a world leader in 5G and private wireless networks. We are working with an ecosystem of technology partners to bring new solutions to sports venues and events, such as a better TV experience, a better experience for fans in the venue, and improve logistics and security for event organizers. The experimentation of these services in the national velodrome prefigures the enriched experience on a large scale of spectators for the Paris 2024 Olympic games.



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Calendrier des Competitions & tours

Merci de sélectionner un horaire de tour du stand lors de votre enregistrement

Wednesday 12/10 Media Day (12 tours of 6 people)

Session 1 : 14:00 – 16:30 Qualifying

Session 2 : 18:00 – 21:30

Thursday 13/10 (10 tours of 6 people)

Session 1 : 14:00 – 16:30

Session 2 : 18:30 – 21:30

Friday 14/10 (11 tours of 6 people)

Session 1 : 14:30 – 16:30

Session 2 : 18:30 – 22:00

Saturday 15/10 (12 tours of 6 people)

Session 1 : 12:00 – 16:00

Session 2 : 17:30 – 21:00

Sunday 16/10 (9 tours of 6 people)

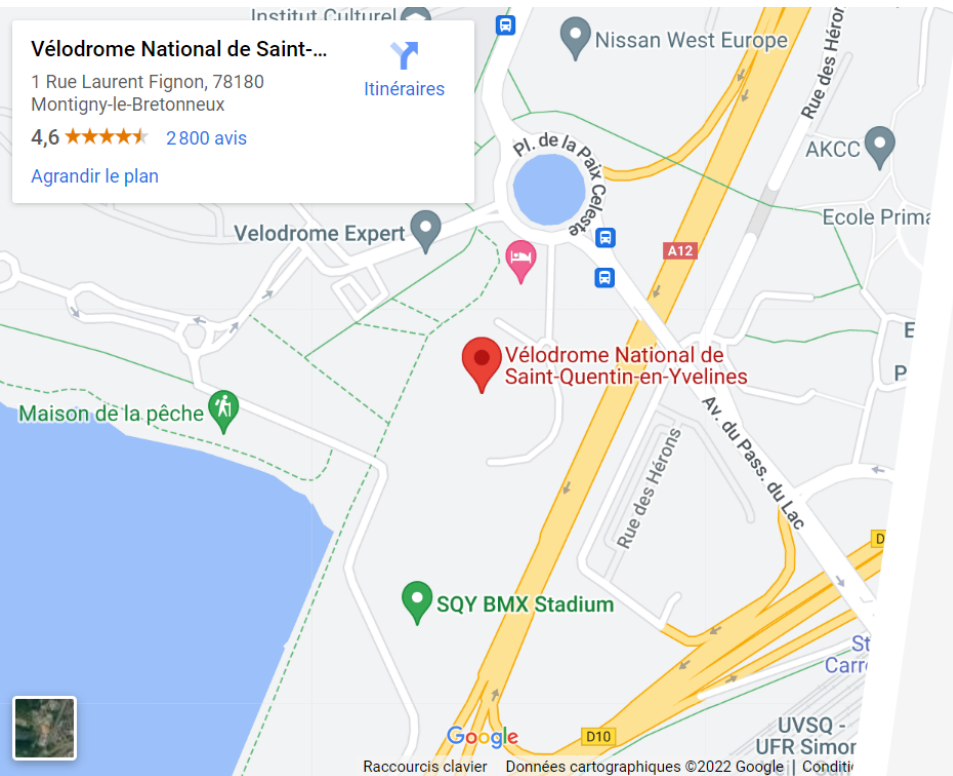
Session 1 : 12:00 – 13:00

Session 2 : 13:30 – 17:00

Capability to setup 54 tours of 6 people (> 300 people).

Time between sessions dedicated to do cycling races (20 cycling sessions of 20 minutes for 6 people = 120 additional people).

Adresse



INFOS PRATIQUES

VENIR AU VÉLODROME

Adresse :

Place de la Paix Celeste
78180 Montigny-le-
Bretonneux

Horaires :

Lundi : 8h30 – 22h
Mardi : 8h30 – 22h
Mercredi : 8h30 – 22h
Jeudi : 8h30 – 22h
Vendredi : 8h30 – 22h
Le Week – end : 9h – 22h

TRANSPORTS EN COMMUN :

RER C

Station
Saint-Quentin-en-Yvelines

Transilien - ligne N et ligne U

:
Station
Saint-Quentin-en-Yvelines

BUS n° 419 :

arrêt Institut Franco-Japonais
(Terminus)



Nokia sur l'esplanade du parvis à gauche du stand UCI



Merci de badger votre QR code à l'Accueil du stand Nokia



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Nokia contacts

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