

The Nakolos 5G Broadcast core enables broadcasters and mobile network operators to ingest any video stream or IP data to be distributed over a 5G Broadcast network.



## 5G Broadcast Core

### Features

- FeMBMS, LTE-based terrestrial broadcast (3GPP Releases 14, 16, 17), eMBMS (Release 9/12 mixed mode for Android prototype handsets CRD/QRD)
- operable in 5G BC standalone or connected mode for broadcast-broadband solutions
- runs on-premise or in the cloud
- interoperability with different transmitter vendors and emergency warning systems by supporting 3GPP interfaces: xMB, M1, M2, M3, CAP
- high availability through redundancy on-premise or in the cloud

### Use Cases

- 📡 5G Broadcast standalone
- 📱 Broadcast on demand
- 🚓 Emergency Warning
- ↔ Seamless Switching
- 📶 Low Latency for live-events

### Cost efficient and easy to deploy

#### Tailored operations

Operation as a service by Nakolos or by your own team (5G Broadcast basic training included).

#### Flexible deployment options

Available as software-as-a-service, software only for existing hardware or as a complete solution (software and hardware).

#### Pay-as-you-grow

fees depend on your operational, growing 5G Broadcast infrastructure.

#### Future-proof features

Features included as part of continuous support.

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