

1 July 2020

Emerge showcases GameCloud streaming technology on MTN's new 5G Network

Highlights:

- **Emerge Gaming as gaming content partner of MTN demonstrates the GameCloud streaming technology on MTN's newly launched 5G network in South Africa**
- **MTN first in the southern hemisphere to demonstrate this AAA game streaming technology on a 5G network**
- **Showcasing of GameCloud done at the eve of the launch of MTN Arena: the MTN branded platform based on Emerge's mobile competition and tournament technology**
- **Emerge featured MTN's live-streamed 5G launch, available on the "Emerge Gaming Limited" YouTube channel as "MTN 5G Emerge"**

Emerge Gaming Limited (ASX: EM1) ("Emerge" or the "Company"), the operator of online eSports and casual gaming competition and tournament platform technology, is pleased to advise that it has successfully demonstrated the GameCloud streaming technology over the newly launched MTN 5G network.

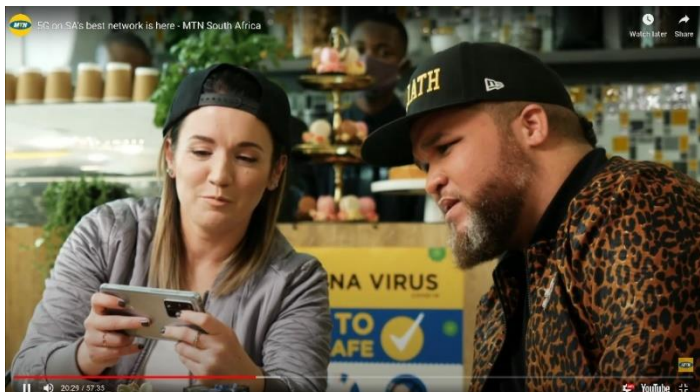
GameCloud Game Streaming on MTN's newly launched 5G Network

MTN is the first mobile network operator ("MNO") in the southern hemisphere to demonstrate this AAA game streaming technology over 5G to a mobile device.

Emerge, in partnership with MTN, showcased the capability of the GameCloud technology to deliver AAA gaming content over 5G.

Gregory Stevens CEO of Emerge noted:

"The future of gaming is the streaming of immersive and interactive high-quality 3D graphic content delivered in high definition video and with 5.1 surround sound to smartphones, tablets and smart TVs. No downloads, no hardware and no patches."



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This new generation technology, combined with 5G, will unlock the full capabilities of next-generation services such as virtual and augmented reality, ultra-high-definition video streaming, artificial intelligence, robotics, automated cars, and the Internet of Things (IoT).

The showcasing of GameCloud as part of the live-streamed virtual launch event for MTN's new 5G network in South Africa was completed at the eve of the launch of **MTN Arena**: the MTN branded platform based on Emerge's mobile competition and tournament technology.

The GameCloud technology showcased by Emerge is featured in a recording of MTN's live-streamed 5G launch and is available on the "Emerge Gaming Limited" YouTube channel as "MTN 5G Emerge".

MTN has also made a press release (appended to this Announcement) dated 30 June 2020 available titled "MTN's Network Innovation sees 5G Launched at 100 Sites Countrywide" on the event which states:

In another first, MTN was today the first in the southern hemisphere to demonstrate AAA game streaming over its 5G network. In a partnership with Emerge Gaming, MTN demonstrated GameCloud on 5G streamed to a Huawei P40 Pro phone.

"Cloud gaming means top line games are available, all the time, in the cloud. No console required, your device becomes the controller and with 5G, the speed and reliability of the signal means you never need to download a game, because your personal data is always there waiting for you," says MTN SA Chief Digital Officer, Ernst Fonternel.

"Cloud gaming will do to gaming what video-on-demand has done to TV, it's a complete game-changer only this is a game-changer that will be delivered by 5G".

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About Emerge Gaming

Emerge Gaming Limited (ASX:EM1) is a leading eSports and casual gaming tournament company. Emerge Gaming operates the online eSports and casual gaming tournament platform technology and lifestyle hub. Via this platform, casual, social and hardcore gamers can play hundreds of gaming titles against each other via their mobile, console or PC, earning rewards and winning prizes.

The platform uses its unique IP, advanced analytics tracking and proprietary algorithms to deliver an optimum tournament gaming experience for users while providing advertisers with the perfect vehicle for delivery of their messaging to a fully engaged audience.

More information: www.emergegaming.com.au and view the Arcade X platform at www.ArcadeX.co

About MTN

Launched in 1994, the MTN Group is a leading emerging markets operator with a clear vision to lead the delivery of a bold new digital world to our 240 million customers in 21 countries in Africa and the Middle East. We are inspired by our belief that everyone deserves the benefits of a modern connected life. The MTN Group is listed on the JSE Securities Exchange in South Africa under the share code “MTN”. We are pursuing our BRIGHT strategy with a major focus on growth in data, fintech and digital businesses.

Emerge Gaming and MTN signed an agreement to distribute, market and operate Emerge’s platform technology under the brand “MTN Arena” in South Africa (ASX: 23 June 2020).

About GameCloud

GameCloud provides gamers with a one-stop-shop platform for instant access to hundreds of AAA-rated 3D graphics games and live streaming on mobile devices without having to download a game or own hardware. This feature-rich technology capable of delivering more social engagement than ever before, multiplayer gaming environments, immersive interactive gaming functions, live broadcasting of gameplay to millions and so much more.

About Cloudzen & GameCloud

Singapore based CloudZen is a leading cloud gaming and mobile entertainment Platform-as-a-Service (“PaaS”) provider that offers various means of communication channels through digital entertainment via game stores, communicates and social networks. It was founded in 2004 by veteran game developer Mr Robin Tan and has revolutionised game streaming through its GameCloud platform.

Emerge Gaming has partnered with CloudZen through a global agreement to distribute the GameCloud technology (ASX: 4 December 2018). The technology is regarded as the “Netflix of Gaming” providing gamers with easy access to AAA game titles.

MTN's Network Innovation sees 5G Launched at 100 Sites Countrywide

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JUNE 2020

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30/06/2020

MTN South Africa Launches its 5G network – the first of MTN's 21 Operations Across Africa and the Middle East

Johannesburg, 30 June 2020 – MTN's journey towards delivering SA's best network experience is celebrated today with the launch of its next generation 5G network which is delivering higher peak data speeds, ultra-low latency, increased reliability and greater network capacity.

Launching today with 100 sites, MTN's 5G network today covers areas of Johannesburg and Cape Town, as well as Bloemfontein and Port Elizabeth.

"Today, from MTN's birthplace of South Africa, we are stepping up our digital revolution with the next generation of telecommunication technology, demonstrating to all South Africans that 5G is no longer just an idea – it is here, it works and it has the capacity to bring about exponential improvements to our economy, and to the lives of the people we serve," says MTN SA's CEO, Godfrey Motsa.

Today's launch comes on the back of government's allocation of temporary spectrum but is also the culmination of extensive 5G trials and testing.

"For the past two years we have been actively innovating around the potential of 5G, using different bands and various vendors and across different platforms and devices, to ensure MTN South Africa can maintain leadership in 5G, as we have been able to maintain our leadership in 4G," says MTN SA Chief Technology and Information Officer, Giovanni Chiarelli.

"Our 5G strategy has been years in the making and we are confident that we have built a strong foundation to grow and support our 5G ecosystem to deliver an exceptional experience for our customers," says Chiarelli.

One of the key innovations driving the broad rollout by MTN has been a strategic approach to Dynamic Spectrum Sharing (DSS), as these deployments overcome the challenges of lack of dedicated 5G spectrum.

MTN will deliver 5G connectivity on four different spectral bands:

- 3.5 GHz at 58 sites: This is the ideal spectrum band for 5G, known as the "Golden Band" which offers a truly world-class 5G experience with both faster speeds and low latencies. MTN has deployed sites in the 3.5 GHz band in Johannesburg, Cape Town and Bloemfontein.
- 2100MHz and 1800MHz at 35 sites: MTN SA is introducing the re-farming of some 4G spectrum to allow us to run 4G and 5G spectrum, at the same time, in the same band. This allows for easier migration of network technology from LTE to 5G. It also allows us to deploy 5G using existing spectrum assets in the absence of additional high demand spectrum. MTN has deployed 5G sites on 2100MHz in Johannesburg and Port Elizabeth.
- 700MHz at 5 sites: This is an excellent band for extensive coverage, making it ideal for use for urban indoor settings and for small towns and rural coverage due to the low band frequency propagation. Small towns now covered by MTN 5G using the 700MHz include Port Alfred, Hopetown, Virginia Queenstown and Tsantsabane.
- 28GHz at 3 sites: This high frequency bandwidth, offers great speeds, making this ideal for Fixed Wireless Access 5G connectivity. This solution has been deployed in Hatfield (Pretoria), Edenvale and Durban.

This new generation technology will unlock the full capabilities of next generation services such as virtual and augmented reality, ultra-high definition video streaming, artificial intelligence, robotics, automated cars, and the Internet of Things (IoT).

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Motsa says MTN's rollout of its 5G network will be ramped up to even more sites once government allocates permanent spectrum through the planned auction later this year.

"We are extremely encouraged by the release of the temporary spectrum. Our call to the regulator and government is to release permanent 4G and 5G spectrum as a matter of urgency, so that we can fuel the digital revolution our nation needs to bridge the digital divide that currently deepens the gap between the 'haves' and the 'have-nots,'" says Motsa.

"The biggest telecommunication opportunities for the masses of South Africans, are for operators to deliver ultra-fast broadband to townships that continue to be significantly underserved by fixed line fibre services. If the spectrum is made available, the coverage is a given and the affordability can be achieved. Although we are starting relatively small our growth plans for our 5G ecosystem are huge," Motsa said.

To experience 5G on SA's Best Network go to any MTN **Y'ello** store or go to www.mtn.co.za/5G for a 5G smart phone, router and price plan.

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