PENTANET

5GG INVESTOR UPDATE

22 MARCH 2024

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Details of the Placement

CAPITAL STRUCTURE

Share on issue	373,727,213
Shares issued under the placement	59,444,445
Shares on issue post placement	433,171,658

PLACEMENT DETAILS

Placement price	$0.072
Placement proceeds	$4,280,000

MARKET CAPITALISATION AT OFFER PRICE POST PLACEMENT	$31,188,359
Pro-forma net cash	$10,625,000

USE OF FUNDS FROM PLACEMENT

CAPEX into NVIDIA servers	$3m
Working Capital and Cost of Offer	$1.28m
Total Proceeds	**$4.28m**

Note: 44,278,048 options and performance rights are on issue, exercisable at various prices, with various vesting conditions and expiring on various dates.

Business Verticals

TELECOMMUNICATIONS

- Private high-speed wireless network across Perth
- Rolling out the 5G network utilising the licensed 5G 26Ghz mmWave Spectrum.
- Deployment of 5G network infrastructure through a Network-as-a-Service solution, with the 5G hardware being funded over 48 months.
- Current rollout of a next-generation community-powered gigabit wireless technology – neXus
- Market-leading brand with consistent growth in subscriber numbers and champions in the community
- Brand pillars of speed, high performance, impactful innovation and next-generation technology
- Multi award-winning innovation-led company

CLOUD GAMING

- NVIDIA Alliance Partner for GeForce NOW (GFN) cloud gaming in Australia & New Zealand
- GFN instantly transforms nearly any laptop, desktop, smartphone or smart TV into a high-performance gaming rig, democratising gaming for the masses.
- 530,000+ members across Australia and New Zealand
- Collaboration Agreement with Optus Mobile Pty Limited to deliver the NVIDIA GeForce NOW cloud gaming service to Optus customers.
- Significant Australian market research data on gaming demographics, connectivity and behaviour
- Opportunity with NVIDIA to expand GFN platform overseas
- Cloud recently upgraded with L40 GPU to bring Pentanet into NVIDIA global Graphics Delivery Network (GDN)

SOFTWARE

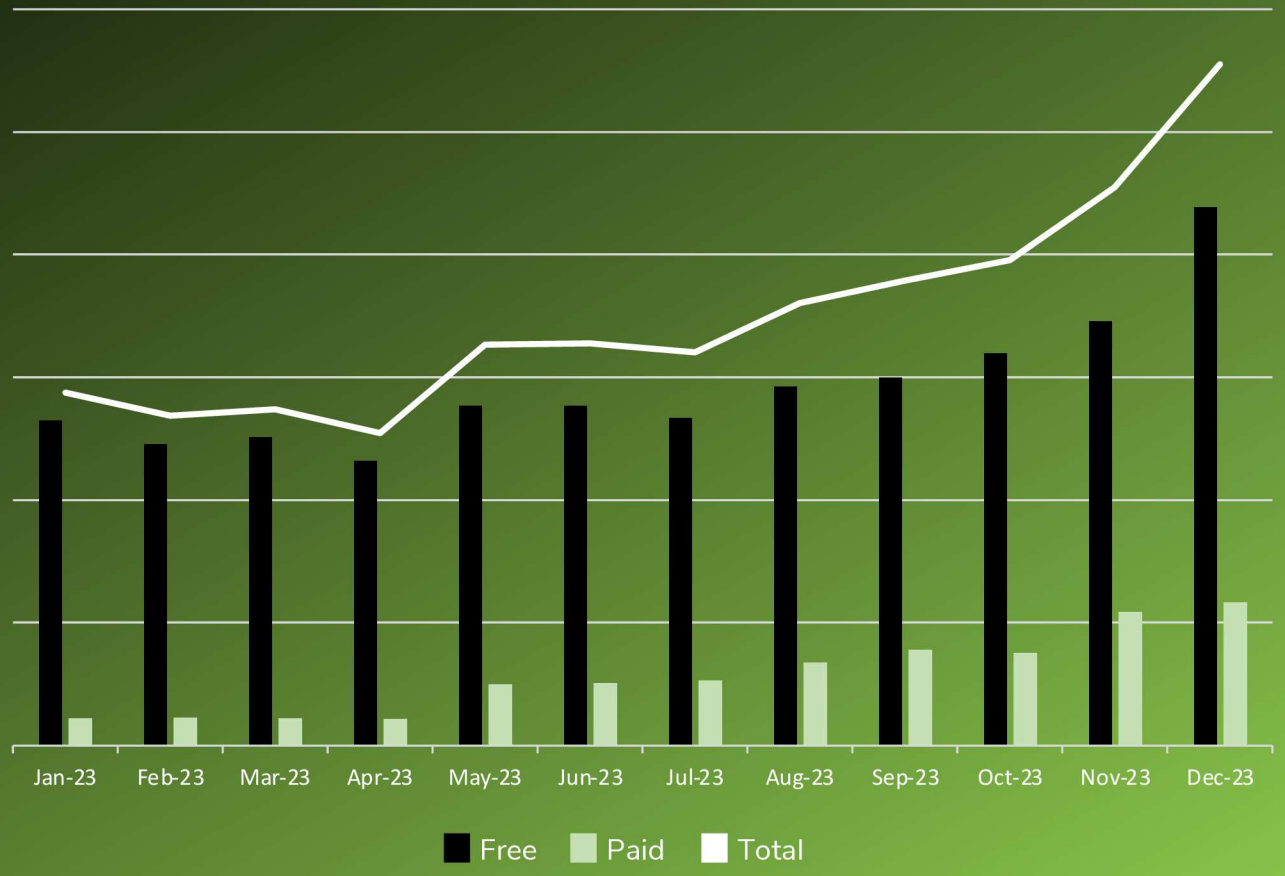
- CloudGG – user management platform for NVIDIA GeForce NOW
- Enterprise Application Software currently named Mission Control (MC-CRM) that provides an end-to-end solution for operating a next-gen wireless network.

Gaming Revenue Growth

KEY METRICS

- EBITDA+ achieved in Q2FY24
- ARPU remained consistent at $13
- Gaming subscription revenue up 51% to $0.4m QoQ
- CloudGG paid subscriptions increased by 52% QoQ
- CloudGG total membership growth up 52% QoQ to 490,000+ (subsequently now at 530,000+)

GeForce NOW Monthly Active Users Jan-Dec 2023



New content is a key driver of paid subscriber growth.

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Microsoft and NVIDIA Announce Expansive Gaming Deal

Partnership will bring blockbuster line up of Xbox games, including 'Minecraft' and Activision titles like 'Call of Duty,' to NVIDIA GeForce NOW cloud gaming service

The agreement will enable gamers to stream Xbox PC titles from GeForce NOW to PCs, macOS, Chromebooks, smartphones and other devices. It will also enable Activision Blizzard PC titles, such as Call of Duty, to be streamed on GeForce NOW after Microsoft's acquisition of Activision closes.

SOME NEW TITLE HIGHLIGHTS



Call of Duty: Warzone 2.0

52 million players per month globally



Call of Duty: Modern Warfare II

176 million players per month globally



Overwatch 2

10 million players globally

Activision Blizzard titles



Minecraft

400 million players globally



Halo: Infinite

600,000+ players per month globally



The Elder Scrolls V: Skyrim

Microsoft owned titles

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NVIDIA Graphics Delivery Network (GDN)

Pentanet has worked with NVIDIA to upgrade its Gen 3 cloud infrastructure with NVIDIA L40 GPUs, to bring Pentanet into the NVIDIA Graphics Delivery Network (GDN).

By moving heavy compute tasks to GDN, users can tackle the most demanding rendering use cases, no matter the size or complexity of the dataset.[1]

GDN

- Available in over 100+ regions
- Taps NVIDIA's global cloud-to-edge streaming infrastructure to deliver smooth, high-fidelity, interactive experiences
- Powered by the NVIDIA Ada Lovelace architecture
- Delivers revolutionary neural graphics, virtualisation, and compute capabilities for GPU-accelerated data centre workloads
- Up to twice the real-time ray-tracing performance of the previous generation to accelerate high-fidelity creative workflows[2], including real-time, full-fidelity, interactive rendering, 3D design, video streaming, and virtual production



"Joining the NVIDIA global Graphics Delivery Network will open a pathway to new commercial opportunities beyond gaming. The L40 GPU infrastructure brings the most advanced NVIDIA RTX capabilities to help power next-generation graphics and 3D interactive experiences."

Stephen Cornish, Pentanet managing director

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What does this mean and where will we fit?

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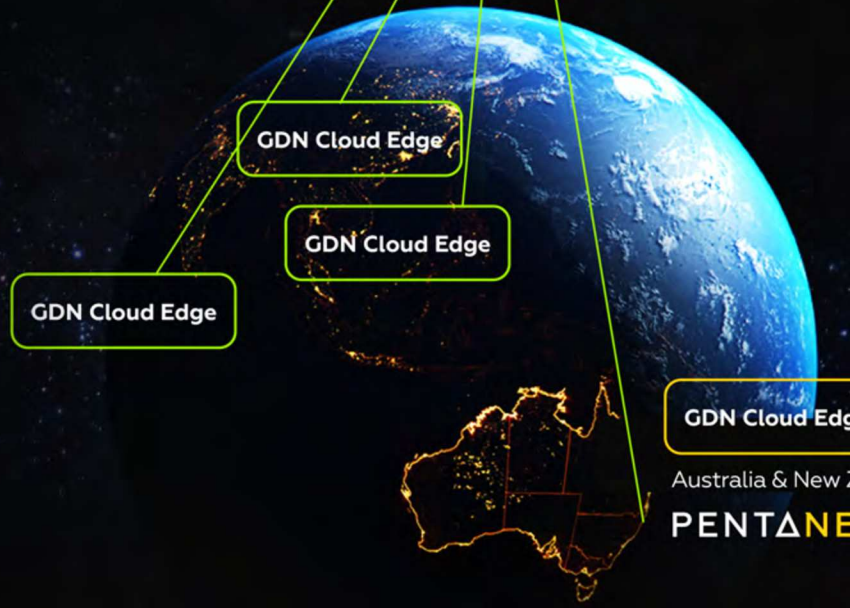
Think of us as becoming a part of the global cloud network, generating the real-time graphics rendering for our region.

NVIDIA Omniverse Cloud

A platform of APIs, SDKs, and services available within a full-stack cloud environment for enterprise developers to build advanced 3D applications.

Graphics Delivery Network (GDN)

Global cloud streaming network



Global Cloud Streaming Infastructure

A global network of graphics-ready data centres that can stream advanced 3D experiences in 100+ regions

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NVIDIA Graphics Delivery Network (GDN)
Commercial & Enterprise Application Examples

Digital Twins

A digital twin is a virtual representation (a true-to-reality simulation of physics and materials) of a real-world physical asset or system, which is continuously updated.

Simulations can be run within the virtualisations to test for problems and seek improvements through service updates.

Example industries: mining, manufacturing, industrial, automotive, energy, science & research



Nissan interactive car digital twin on Apple Vision Pro

An interactive, physically accurate digital twin of a car streamed in full fidelity to Apple Vision Pro's high-resolution displays.

A demo at the *GTC AI Conference* featured a designer wearing the Vision Pro, using a car configurator application developed by CGI studio Katana on the Omniverse platform. The designer toggles through paint and trim options and even enters the vehicle — leveraging the power of spatial computing by blending 3D photorealistic environments with the physical world.



Production and factory digital twin

In operation, the digital twin technology can help production rapidly test new layouts to accommodate new processes or improve operations in the existing space and monitor real-time operations using live IoT data from every machine on a production line.

More use cases for GDN will emerge as companies realise how these systems can add unique value to their field.

Source: NVIDIA GTC Keynote, March 2024, YouTube

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NVIDIA Graphics Delivery Network (GDN)

Commercial & Enterprise Application Examples (cont.)



Product Configurators

Physically accurate advanced 3D configurators, leveraging the power of spatial computing by blending 3D photorealistic environments with the physical world.

By moving heavy compute tasks to GDN, seamless interactions can exist between people, products, processes and physical spaces.

Example industries: automotive, retail, commerce, construction



Augmented Reality (AR) Wearables

The breakthrough ultra-high-resolution displays of Apple Vision Pro, combined with photorealistic rendering of OpenUSD content streamed from NVIDIA accelerated computing via GDN, unlocks an incredible opportunity for the advancement of immersive experiences.

Example industries: design, architecture, consumer tech, automotive



Interactive 3D Experiences

Live events, virtual worlds and interactive experiences are streamed around the world in high-fidelity via NVIDIA GDN.

Premium, interactive, 3D-animated content, like Disney's 'Baymax Dreams of Fred's Glitch,' is fully remote-rendered and streamed from the cloud to virtual festivalgoers in a fraction of a second, using GeForce NOW and GDN.

Source: https://www.nvidia.com/en-au/omniverse/solutions/stream-3d-apps/

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“That’s the way it’s going to be in the future – we’re going to manufacture everything digitally first and then we’ll manufacture it physically.”

Jensen Huang
NVIDIA CEO
GTC AI Conference Keynote, March 2024

References:

1 https://blogs.nvidia.com/blog/omniverse-apple-vision-pro
2 https://www.nvidia.com/en-au/data-center/l40/

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