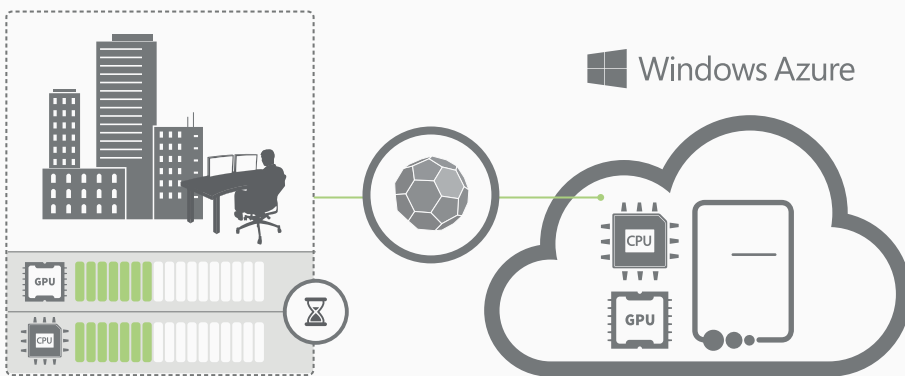


Render-as-a-Service (RaaS)

Are you tired of waiting for render farm resource and need short term hybrid burst on demand?



Render-as-a-Service extends your LAN, enabling you to utilise Azure Hyper Scale CPU and GPU resources and eliminate the need for render queuing, whilst providing huge time and cost savings.

Render-as-a-Service (RaaS) gives organisations the ability to align render workloads to resources on a pay as you need basis without compromising security or access to local files.

Exponential-e's 100 Gig private Ethernet Network allows our customers to combine Azure Cloud, Private and Dedicated environments to act as one entity, all on the same IP range and Subnet.

In partnership with Microsoft we have created a solution that enables customers to add processing power on demand for render workloads.

Our Network allows you to seamlessly stitch your on-premise storage direct to raw compute power by adding caching technology when needed for large workloads. This lets you decide how much you wish to spend to complete the project within set deadlines.

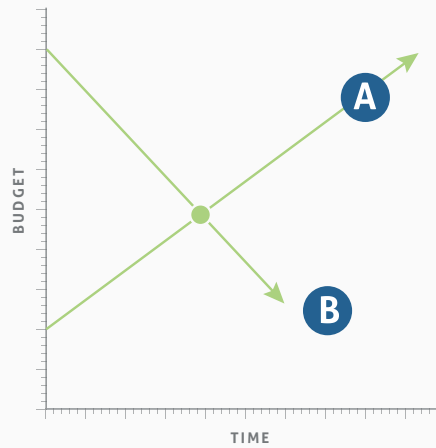
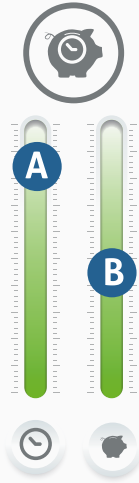
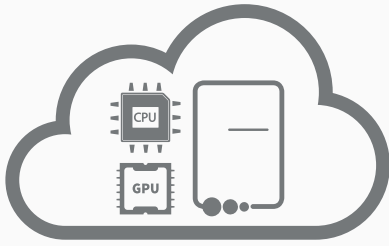
Exponential-e's private LAN RaaS works natively in parallel with your local data, providing smart awareness of both local and Cloud resource and views all resource as locally available. This keeps the data control within your IT policy and removes the requirement for costly render farm services. Your workload never traverses the Internet and is MPAA approved, so privacy concerns are resolved. Our low latency Network enables data from multiple locations to be aggregated and the related workload tasks displayed in a single view via the Render Software Manager (RSM). Once

connected to Azure Expressroute users submit render tasks via our easy to use RSM platform, the solution fully supports a hybrid operation and access to CPU and GPU compute power to burst on demand.

Resources are software defined, so users can dynamically scale the requirements for render tasks in order to meet changing project timescales. We give organisations the flexibility to complete tasks in a more timely way by using your own custom configurations unlike other render services we inherit your local shaders and configurations. With Exponential-e's RaaS you can build out one gold image, as you would on your local machine and then use this template to scale up and down. Raas can accommodate even the hungriest render projects and can burst up to 50,000 cores.



Windows Azure



- A** Control the amount of **time** needed for a project.
- B** Control the **budget** available.

RaaS SUPPORTED SOFTWARE

3D Applications:

- 3ds Max
- Blender
- Clarisse IFX
- Cinema 4D
- Houdini
- Lightwave
- Maya
- Messiah
- Modo
- Rhino
- Softimage
- Terragen
- Vue

- MentalRay .mi
- Renderman .rib - 3delight
- Renderman .rib - Pixar
- Renderman .rib - Air
- VRay .vrsce

Compositing:

- After FX
- Fusion
- Nuke

Other:

- Any Executable
- e.g. a software installer
- Any shell script .bat/.sh
- Python scripts
- Realflow mesh generation

3D standalone renderer:

- Arnold .ass
- (Houdini) Mantra .ifd
- Maxwell .mxs

RaaS BENEFITS

- Private hyper-scale rendering.
- Flexibly scale your resources on demand.
- Significantly reduce production times.
- Streamline render workload & costs.
- OPEX expenditure.
- Make changes via our DaaS GPU offering and render as one live on location.

DON'T JUST TAKE OUR WORD FOR IT

"Exponential-e has allowed us to scale our business and compete for Visual FX work that we would not have been able to bid on previously. Their Network in conjunction with Azure Cloud means that we can Render our work aligning to budget and meeting our deadlines. Previously we would have had to overspend on new hardware and then had power space and cooling issues."

Jeremy Smith - CTO, Jellyfish Pictures.

ABOUT EXPONENTIAL-E

Innovation is at the core of Exponential-e, and has been since our inception in 2002. We wholly own our super-fast Network, and our fusion of complementary technologies - a carrier-class Network and Cloud infrastructure - means we can deliver enterprise applications at wire speed for a superior end-user experience. We deliver scalable, dynamic and bespoke solutions. Renowned for our

responsiveness, coupled with our customer centric approach, and a UK based 24 / 7 x 365 service desk, means we offer unrivalled expertise.

To find out more about Exponential-e visit www.exponential-e.com/RaaS or email info@exponential-e.com



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