

EXHIBIT 10
RWDNKE 'TGF CE VGF 'XGTUKQP

OpenAI on Azure Big Compute

Overview, Recommendations and Models

OpenAI Overview

- OpenAI is a non-profit artificial intelligence research company. Their goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole, unconstrained by a need to generate financial return.
 - Elon Musk (founder of Tesla) and Sam Altman (President of YCombinator) are founders and co-chairs of OpenAI. Additionally backed by Peter Thiel and Reid Hoffman.
 - Currently create their models, algorithms and cutting edge research on AWS as part of a deal that provides them \$50M in GPU compute for \$10M in committed funds. Deal is coming for renewal on 9th September 2016 at \$10M/60M in equivalent compute.
 - First research organization in the world with access to NVIDIA's DGX-1 (Supercomputer in a box) offering with Pascal GPUs with additional 10k Maxwell GPUs donated.
 - Satya approached Sam with the desire to work closer together given our focus on AI. AWS garners a lot of mindshare currently from OpenAI (<https://openai.com/blog/infrastructure-for-deep-learning/>)
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Benefits to Microsoft

- **Thought Leadership:** Unique opportunity for MS Corp to attach and support high profile, non profit organization driving innovation in the AI segment- Not many deals or opportunities like this
 - **Momentum:** Announce the partnership at Ignite & get momentum [REDACTED] – *their release is imminent*
 - **Driving Azure Usage:**
 - “Halo effect” for upcoming GPUs launch via partnership with cutting edge technology company and thought leaders in the Deep Learning Space.
 - Enable Azure to recruit net-new audience of *next generation of developers & start-ups*
 - Accelerate our **development of DL in Azure** by having OpenAI develop their latest tools, algorithms & libraries **on Azure** and *accelerate the virtuous cycle of CNTK development*
 - Drive *increased bursting usage* from the DL community by attaching to the DGX 1 Device that Nvidia provides
 - **Grow algorithmic usage of Tensor Flow and Café in our solutions** – We’d have immediate customers
 - **Attached Azure Revenue:** Generate pull through revenue for additional services in Azure herby creating a “**Better together**” story for deep learning solutions in Azure.
 - Standard compute for infrastructure based services such as web servers as part of the Deep Learning architecture
 - Strong Interest in Azure Batch for their deployment & scheduling DNN jobs across GPU based nodes
 - Azure Storage for storage of their input data, models
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Deal Ask

- Their ask [REDACTED]

[REDACTED]:

- [REDACTED] year deal worth the equivalent of [REDACTED]

Compute

- Pay [REDACTED]

- Commit to [REDACTED]

- *LTV model implies* [REDACTED]
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LTV model

- Modeling implies
- We would **need to believe the**

Key Assumptions

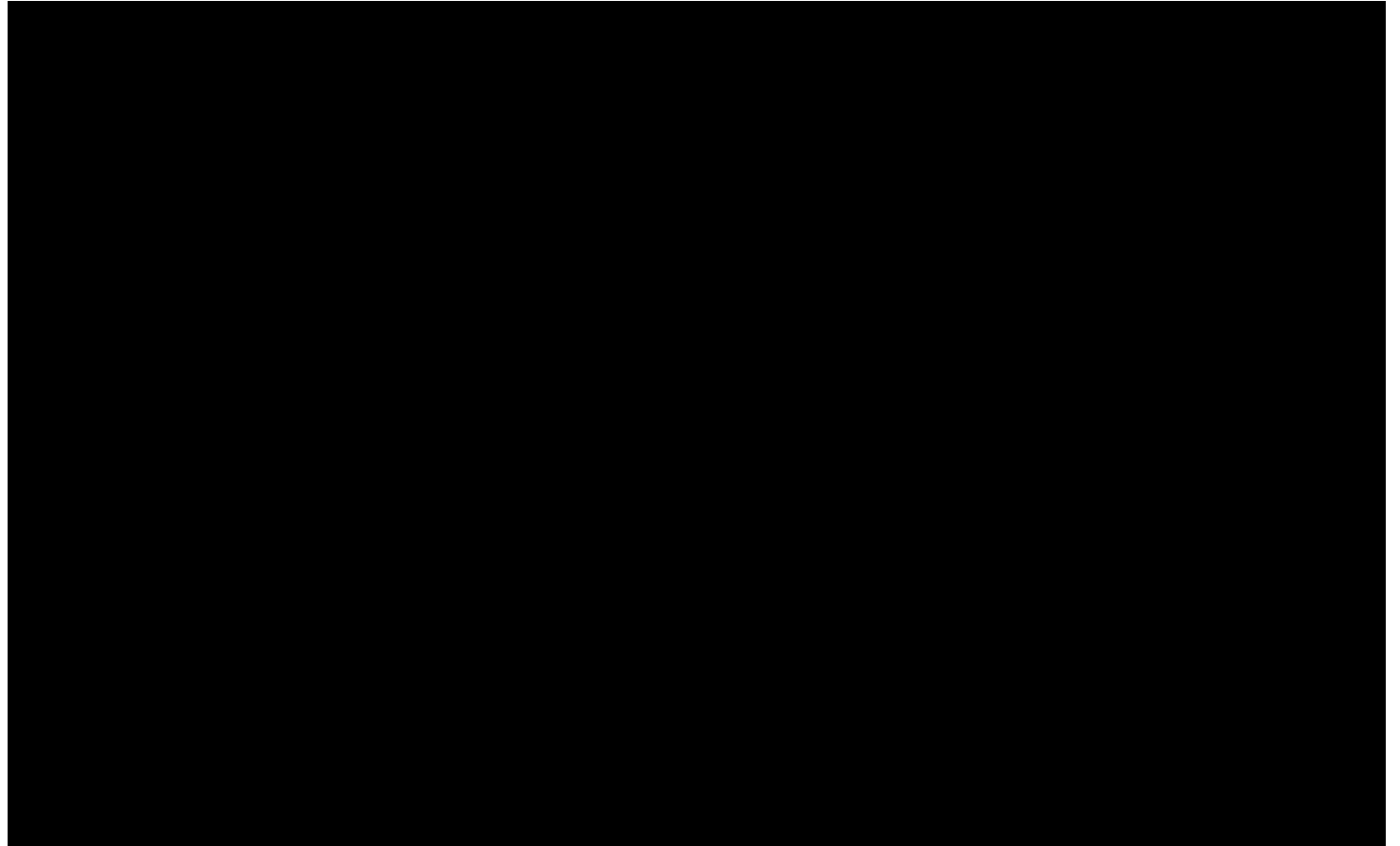
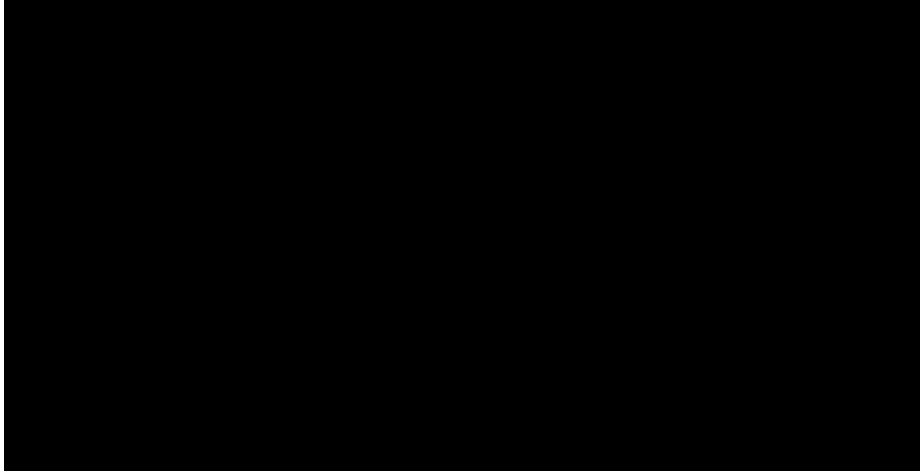
Next steps

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- **Today** - Get approval on [REDACTED] so we can negotiate remaining terms
 - **From A2N to Close** – Nail the details – Target 9/9 but we have a little room if we are aligned on price
 - **Consumption Ramp/ Transition**
 - They anticipate a [REDACTED]; we will need to assess [REDACTED] (note: ½ of current cluster can be made available in 2-3 weeks—currently used for dev validation)
 - **Ring-fence some preview capacity** for customer without impacting other preview customers;
 - They have flexibility on the SLA; and their consumption is peaky. ***We'd seek to accelerate build-out of GPU Compute clusters for this scenario***
 - **Partnership Momentum**
 - On OpenAI.com – Sponsor listing (in place of AWS); CNTK Shout out in OpenAI Gym
 - At Ignite – ***Proposal being figured out***
 - **Agreed to contribute and evangelize CNTK** as part of a hosting deal- [REDACTED]
 - PM Team to engage and catch additional leads as part of engagement – ***Need a program developed here***
 - **Long Term Product Roadmap Impacts**– *Discussion on 9/12 at TDC*
 - **Nail the DL Long term hardware innovation strategy and roadmap** - ***partnership with CSI, ABC, and CNTK teams***
 - What are our concrete plans beyond P40 GPU- FPGA, ASIC?
 - May need [REDACTED]
 - **Accelerate Batch adoption via rich Accelerator, Orchestration, and Job Management Capabilities**

Appendix

Scenarios to achieve break-even (growth, price, utilization)

Scenarios



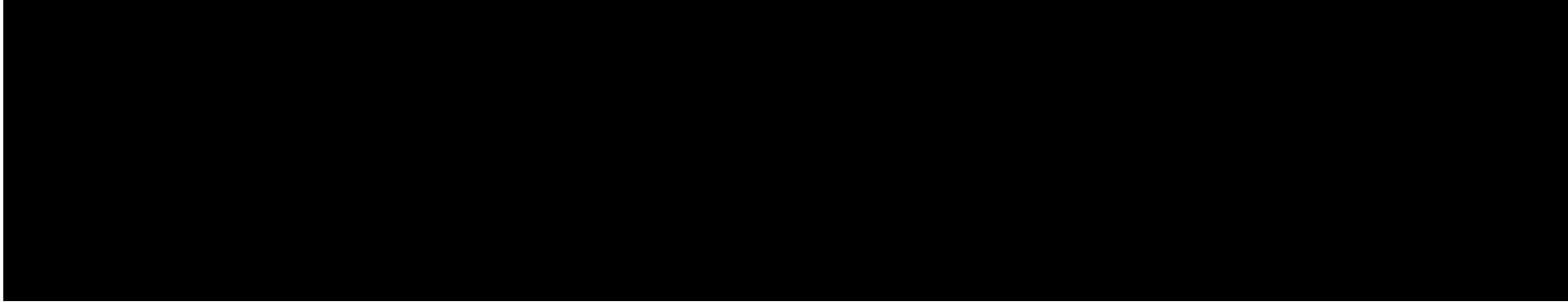
COGS models to identify LTV

- Standard Costs

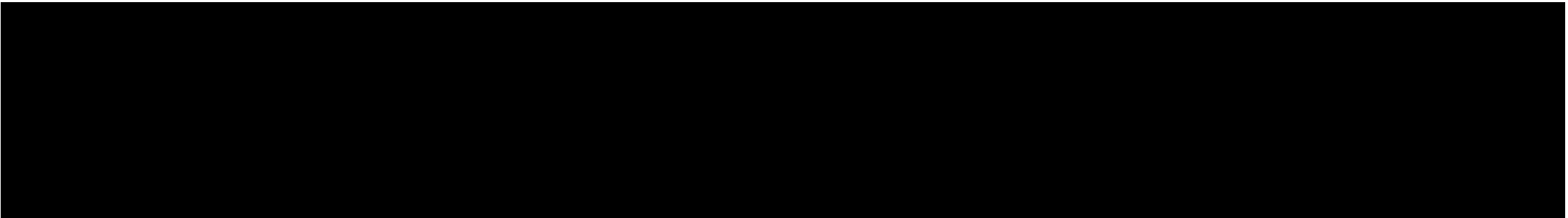
- Capacity Costs only

Assumptions

- **Costs assumptions**



- **Financial Model**



CNTK LTV comparison

Based on commitment for usage across the years we would

① Standard Costs

