

EXHIBIT 10
RWDNKE 'TGF CEVGF 'XGTU~~K~~QP

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/>)

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 hereby 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

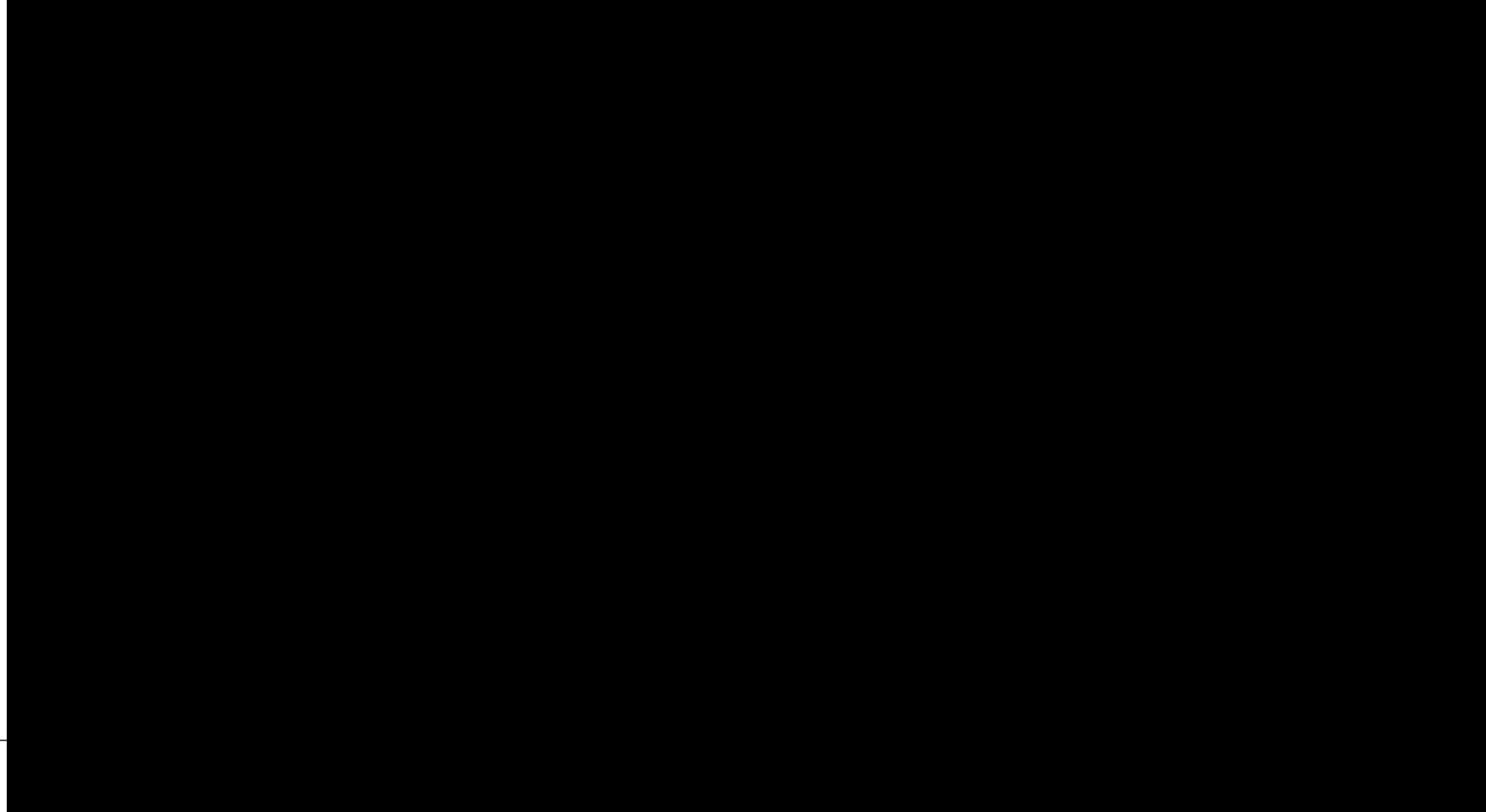
Deal Ask

- Their ask [REDACTED]
[REDACTED]:
 - [REDACTED] year deal worth the equivalent of [REDACTED] Compute
 - Pay [REDACTED]
 - Commit to [REDACTED]
- *LTV model implies* [REDACTED]

LTV model

- Modeling implies [REDACTED]
- We would **need to believe** the [REDACTED]

Key Assumptions



Next steps

- **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**

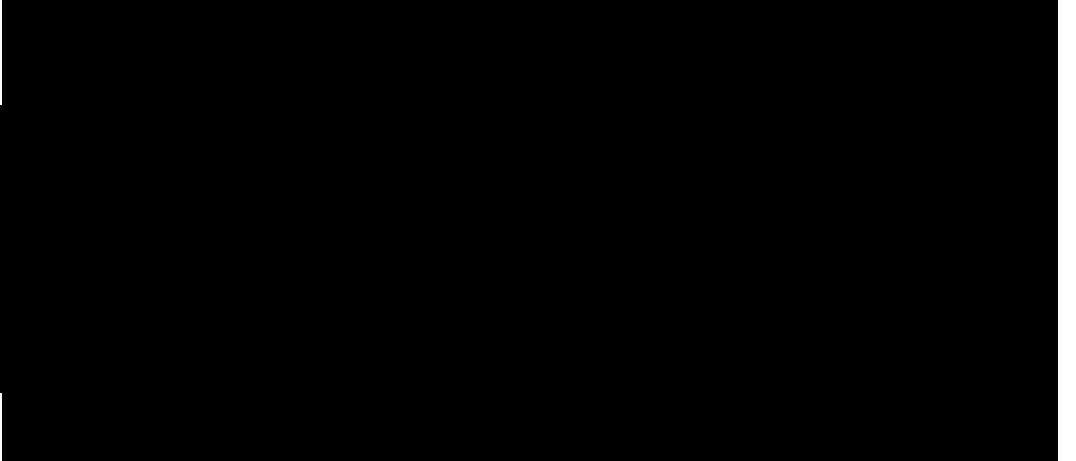
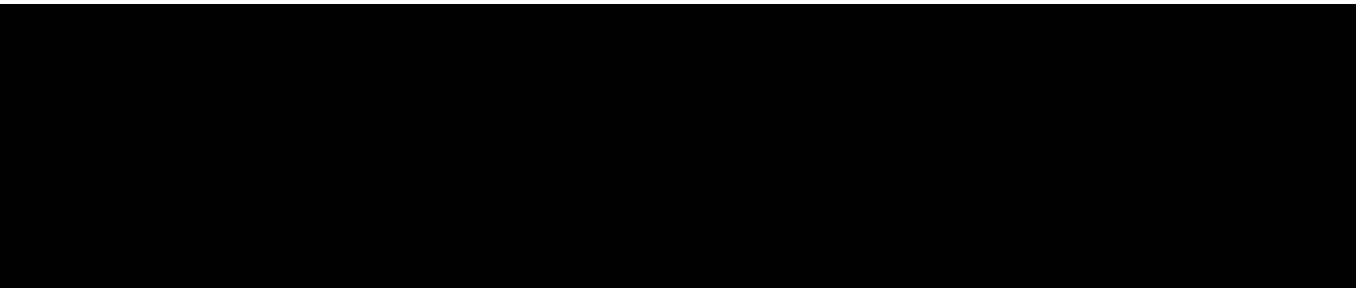
Appendix

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

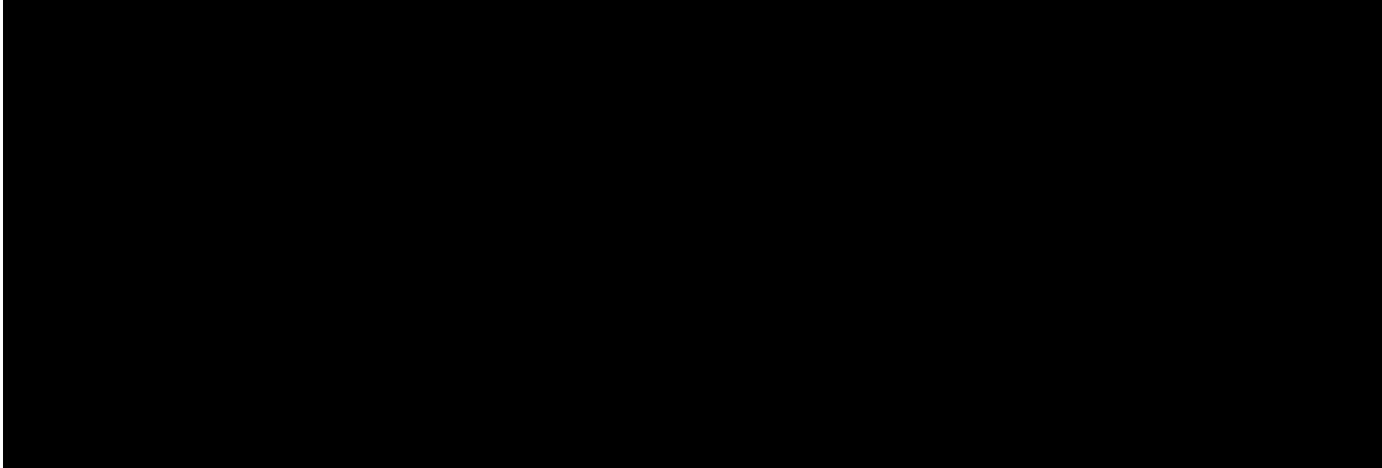


COGS models to identify LTV

- Standard Costs

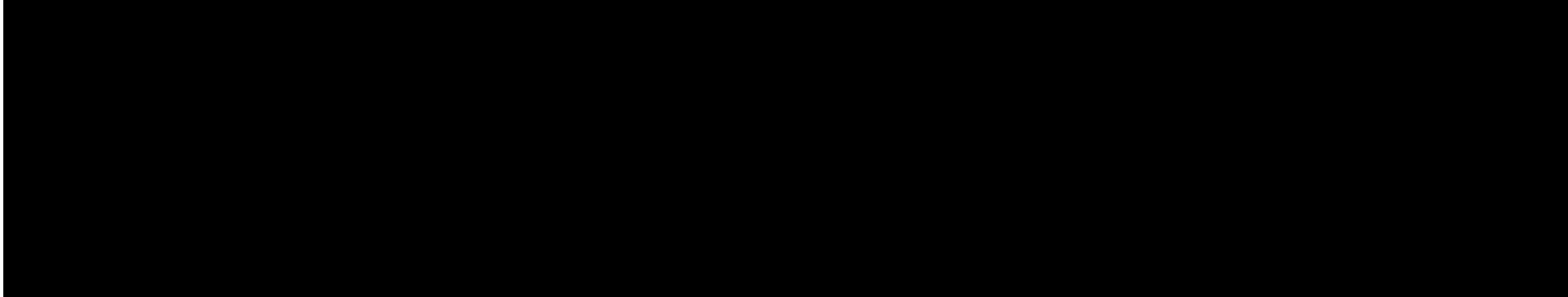


- Capacity Costs only

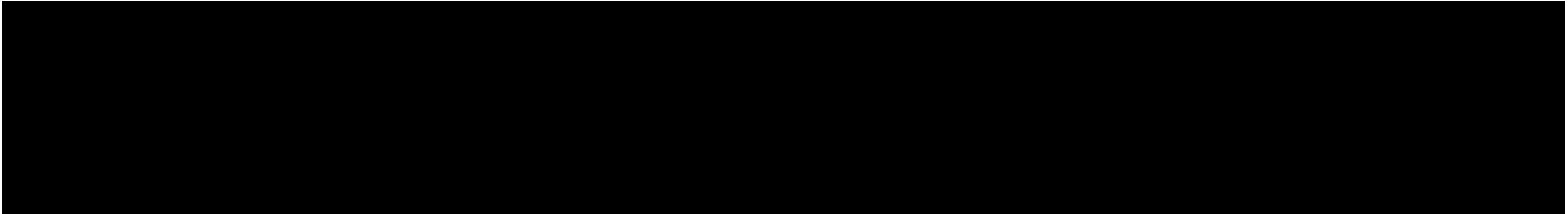


Assumptions

- Costs assumptions



- Financial Model



CNTK LTV comparison

Based on commitment for usage across the years we would



- 1 Standard Costs

