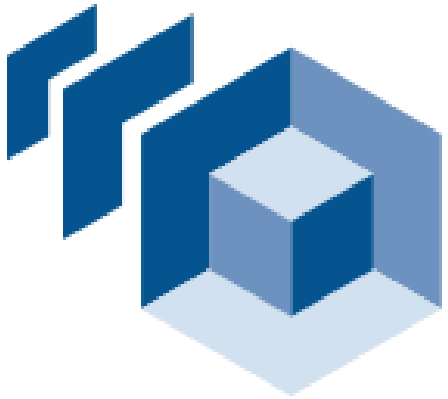
Welcome!



TeamRGE

Remoting Graphics Experts

Supported by

xenappblog.com

THE A-TEAM

THE A-TEAM

TeamRGE

Remoting Graphics Experts

Event support

Gabe Knuth
Rody Kossen
Patrick van den Born
Erik Bohnhorst
Jits Langedijk
Ryan Ververs-Bijkerk
Dennis Gundarev
Benny Tritsch
Kristin Griffin
Ruben Spruijt
Special guest: Christiaan Brinkhoff
Trond Eirik Haavarstein ‘XenAppBlog’

Larger team:

Magnar Johnson
Barry Schiffer
Bram Wolfs
Rasmus Nielsen
Freek Berson
Thomas Poppelgaard
Rick Dehlinger
Frank Anderson

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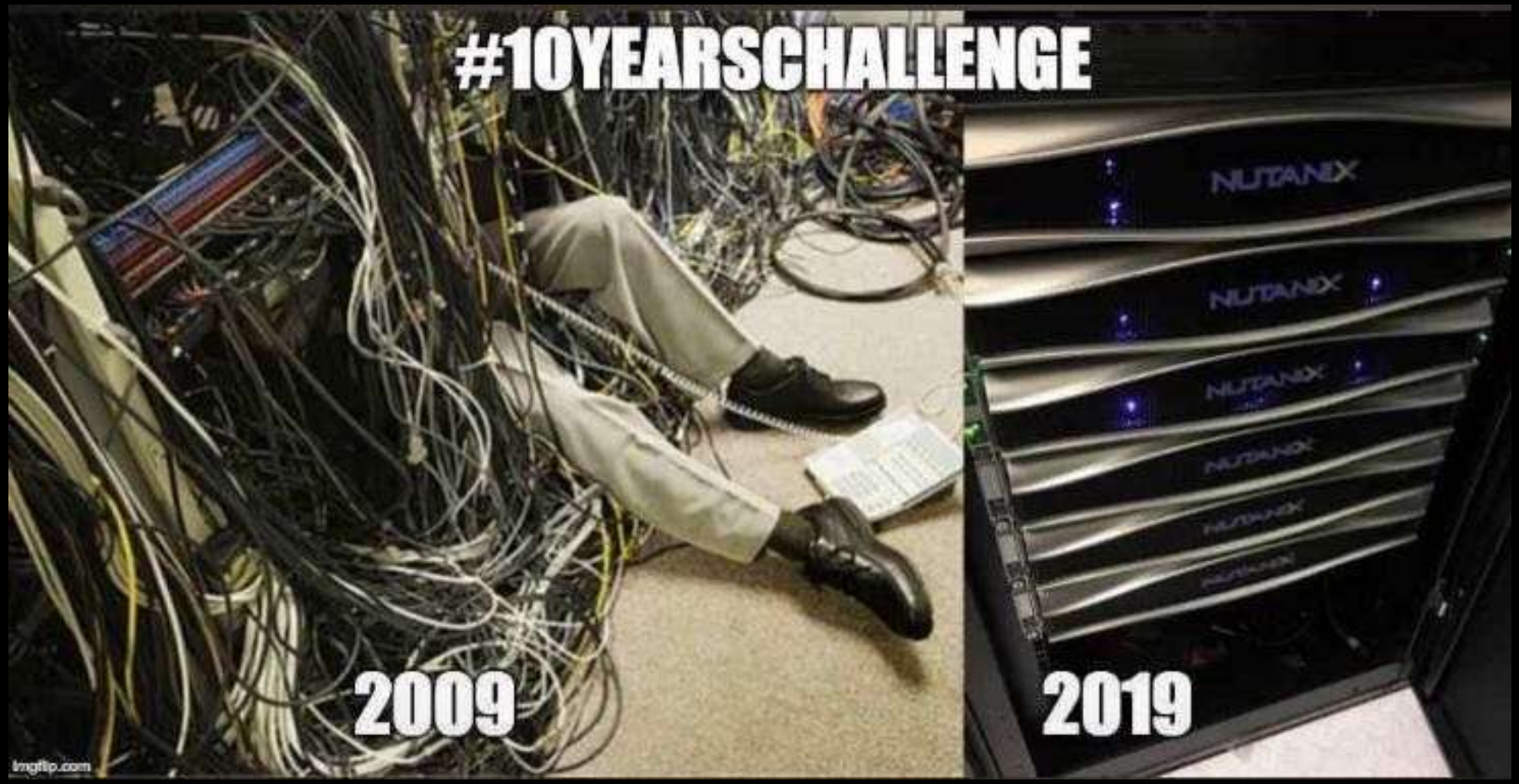
Community Advisor

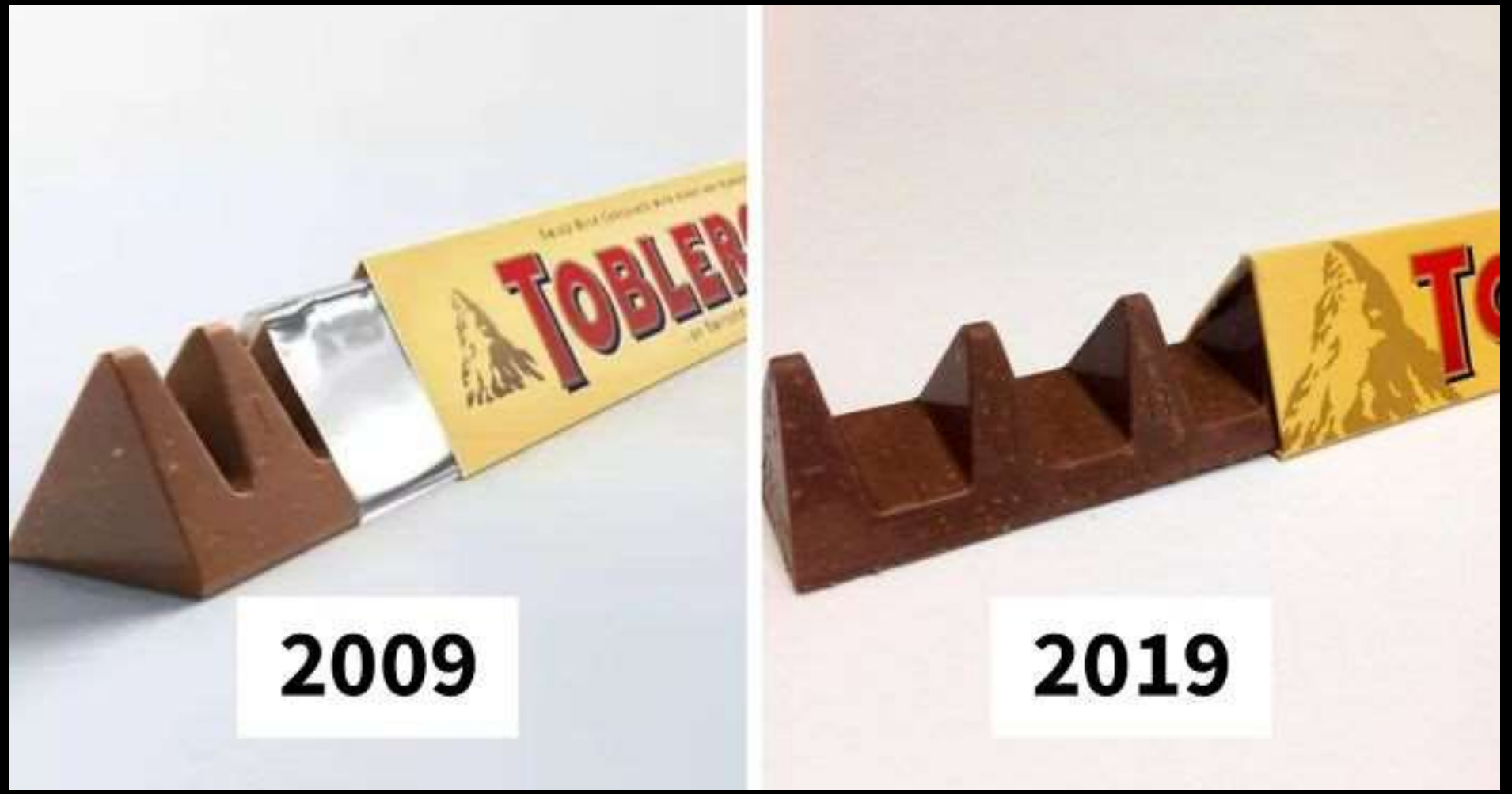
#CommunityPower

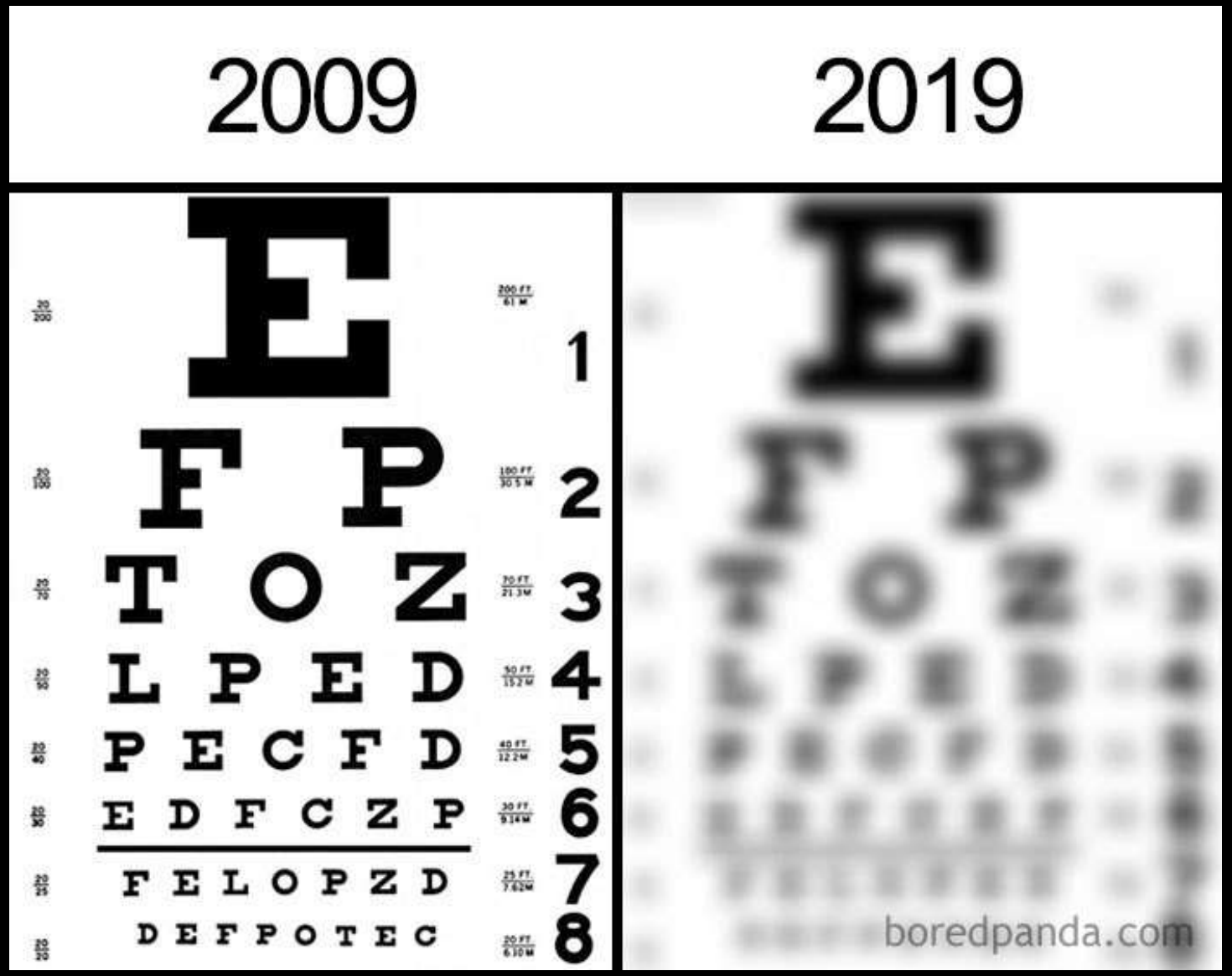
Market perspective 2019/2020

#10YearChallenge

2009
2019
NOKIA
100%
NOKIA
99%
boredpanda.com


#10YEARSCHALLENGE
2009
2019
NUTANIX
imgflip.com


TOBLER
2009
2019


2009
2019
E
F P
T O Z
L P E D
P E C F D
E D F C Z P
F E L O P Z D
D E F P O T E C
1
2
3
4
5
6
7
8
boredpanda.com

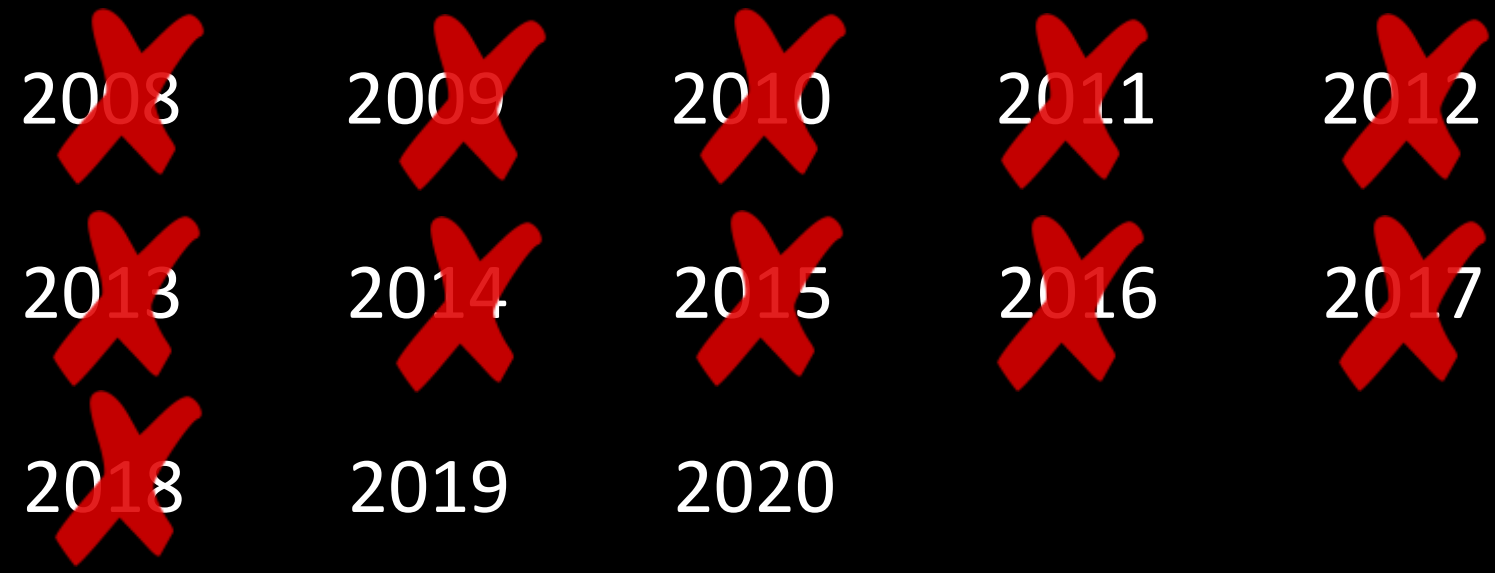
2009

2019

2009

2019

The Year of the VDI?



Year of VDI

What if …

LARGE

IT vendor
announces:

Run Apps up to 4K at 60fps
High-end graphics
Run instantly
Access anywhere, on any device
No Client, Agent, Receiver
Browser as the platform
Always getting better on the fly

Essence:

RemoteApps.Next.NEXT

Available

2019/2020

The audience # is

2.2 billion

by Google

19 regions
58 zones
200+ countries & territories

by Google

Gaming like never before.

Play in up to:

60 fps

Frame rate [1]

4K

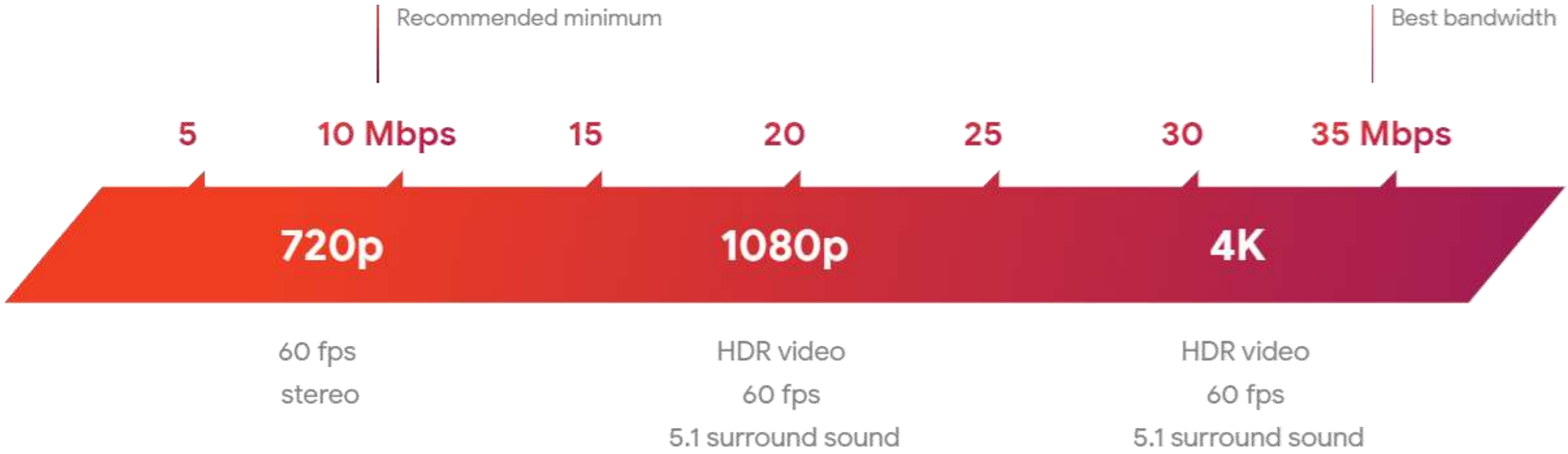
Resolution [1]

HDR

Support [1]

5.1

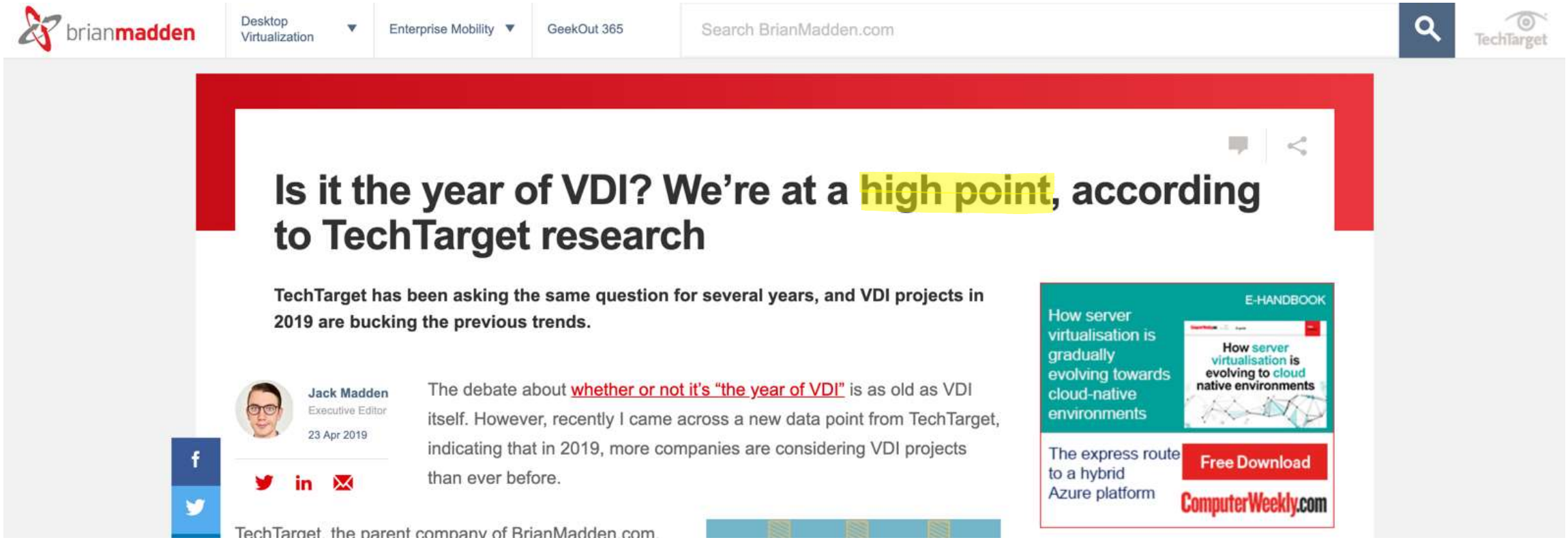
Surround sound [1]


Recommended minimum
Best bandwidth
5
10 Mbps
15
20
25
30
35 Mbps
720p
1080p
4K
60 fps
stereo
HDR video
60 fps
5.1 surround sound
HDR video
60 fps
5.1 surround sound

= VDI

Year of VDI

2020 = Year of VDI! ☺



"When we ask respondents about their plans for "desktop" projects in 2019,

***31% said that they're planning to do a VDI project**.*

This was the third-highest desktop priority; and the top project was Windows 10 migration projects.

*We've been asking this question for years, and this is the **highest it's ever been**.*

In 2018, only 19% were considering VDI or desktop virtualization, putting it in fifth place.

Going back even further, in 2017, VDI and desktop virtualization came in at 22%; in 2016, it was 21%; and back in 2014, it was 25%.

*(**N = 2,068**, with geo-balancing applied)*

Source: https://www.brianmadden.com/opinion/Is-it-the-year-of-vdi

State of EUC survey 2019

This presentation uses data gathered by team VDI Like a Pro
Principal EUC research since 2013

Ruben Spruijt

Mark Plettenberg

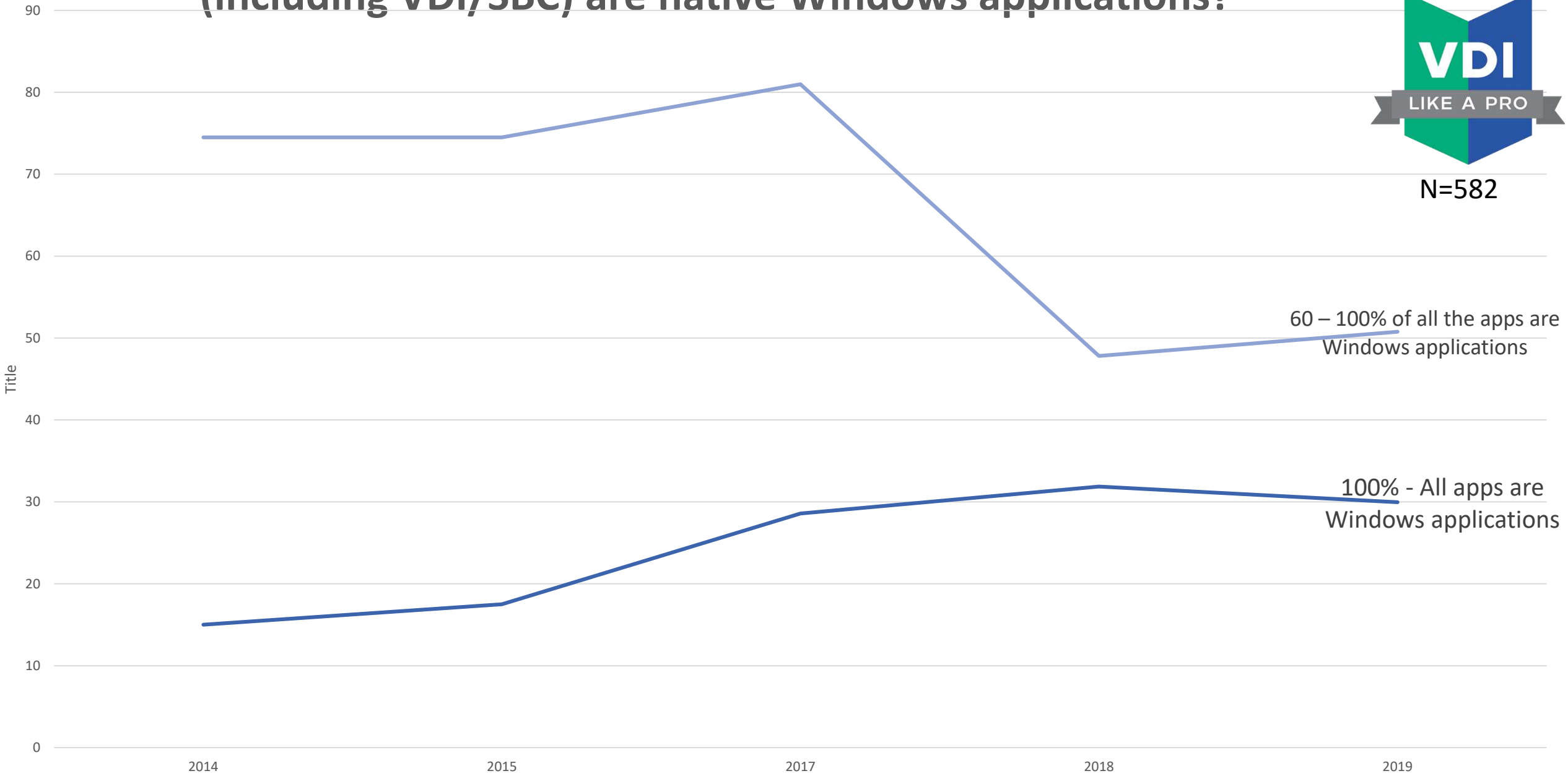
Christiaan Brinkhoff

“

Is Windows relevant?

Who cares about Windows in a Cloud and Mobile 1st world?

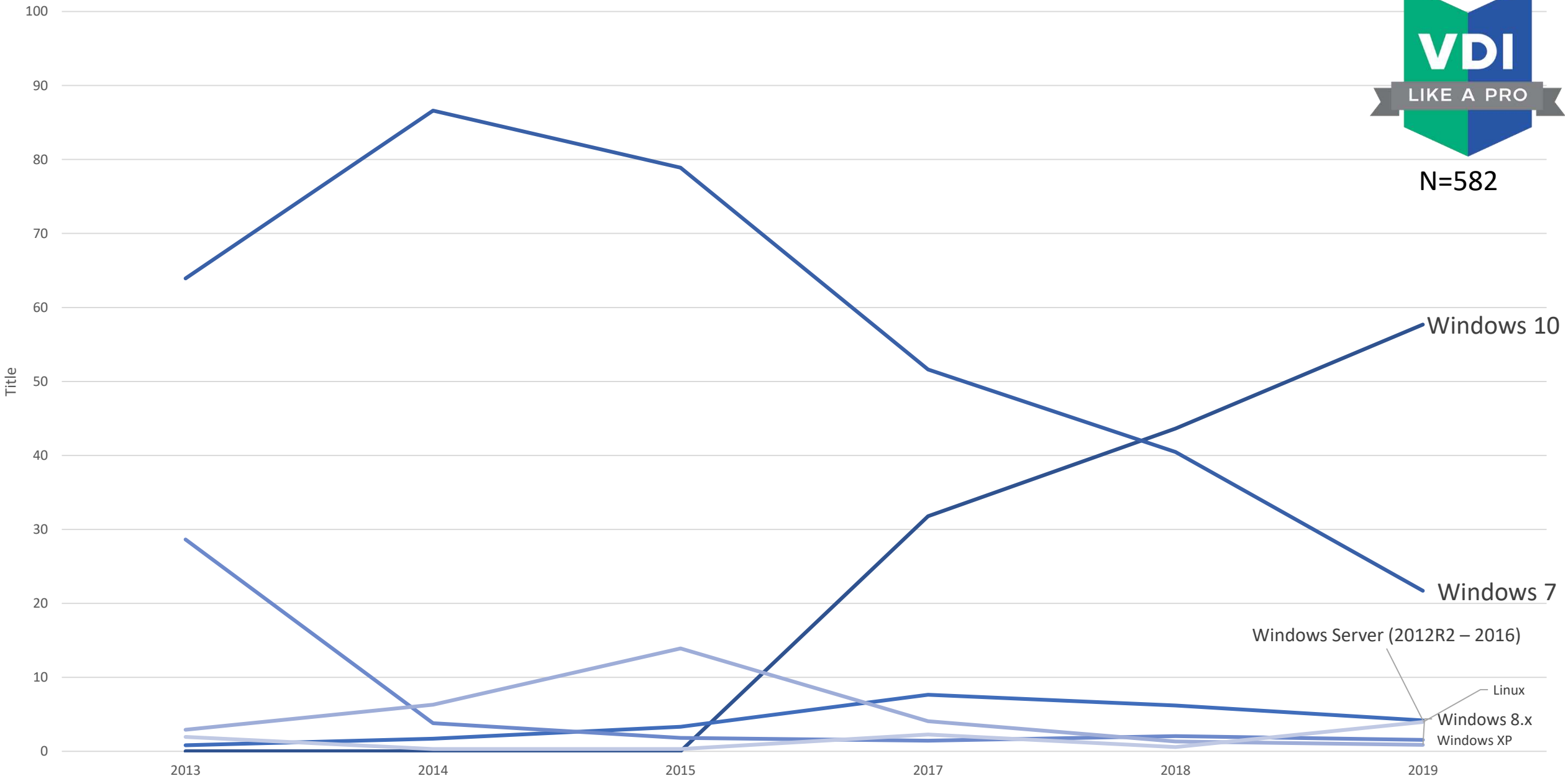
What percentage of applications in your complete environment (including VDI/SBC) are native Windows applications?



N=582

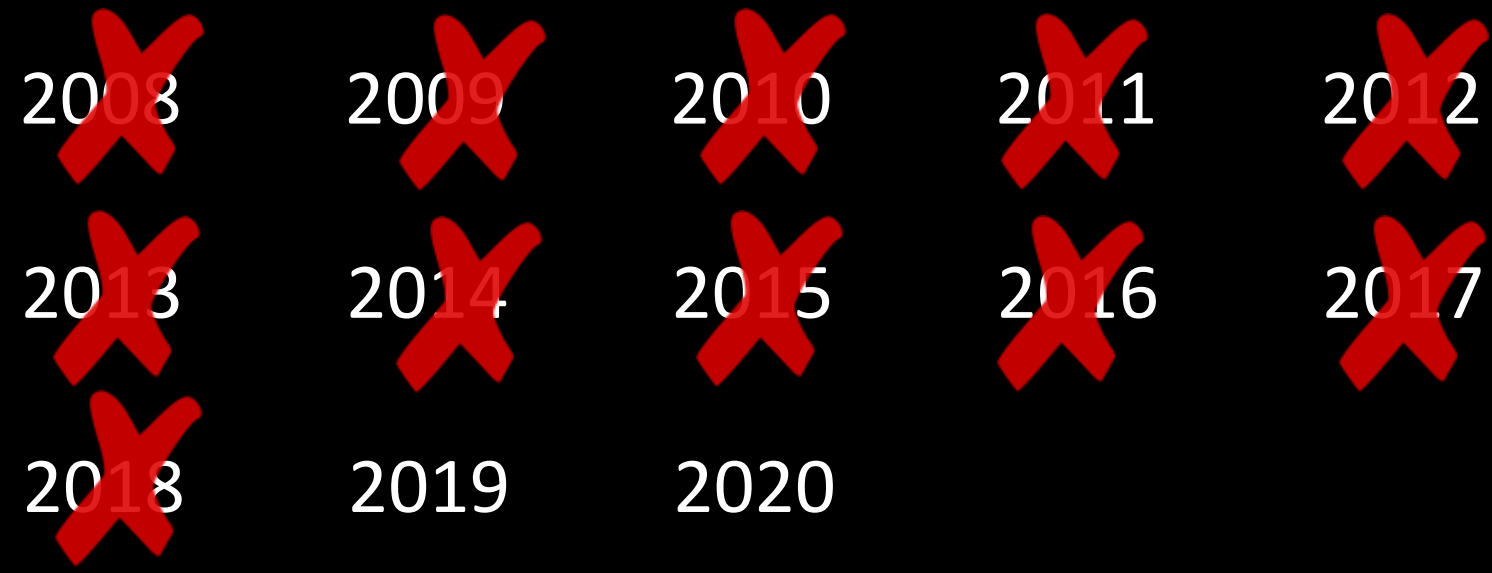
Windows10

What operating systems are used for desktop VMs?



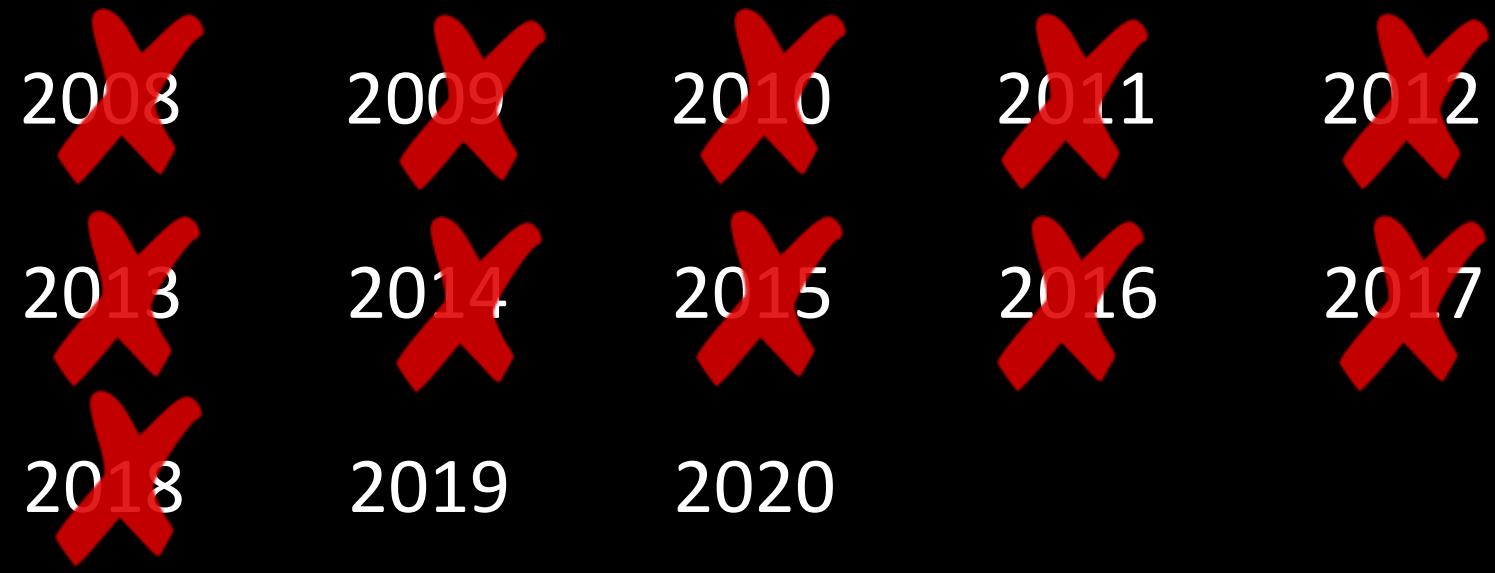
N=582

Why did ‘Year of VDI’ not happen yet?



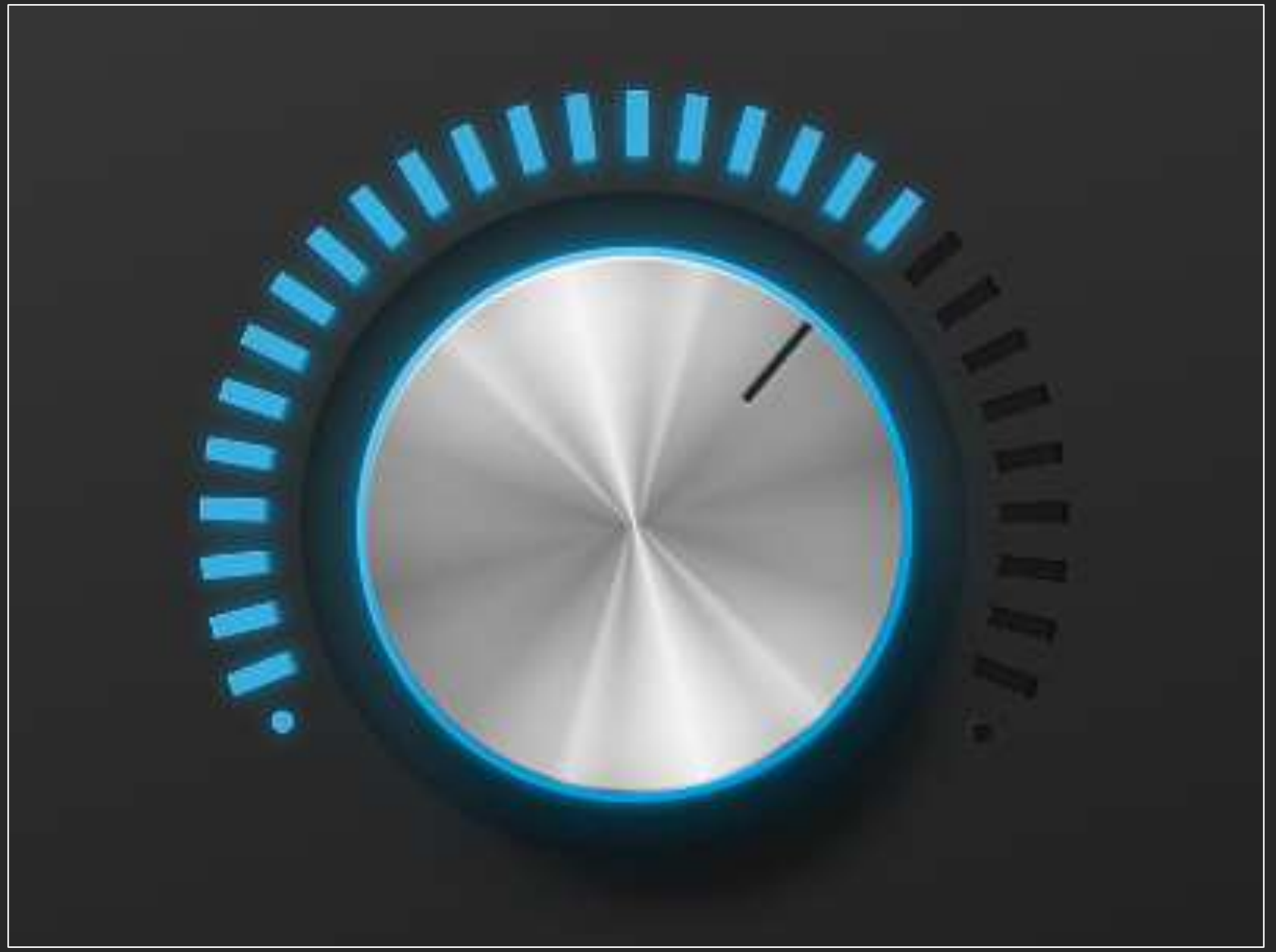
Complexity
Cost
User Experience / Performance

How to make ‘year of VDI’ happen



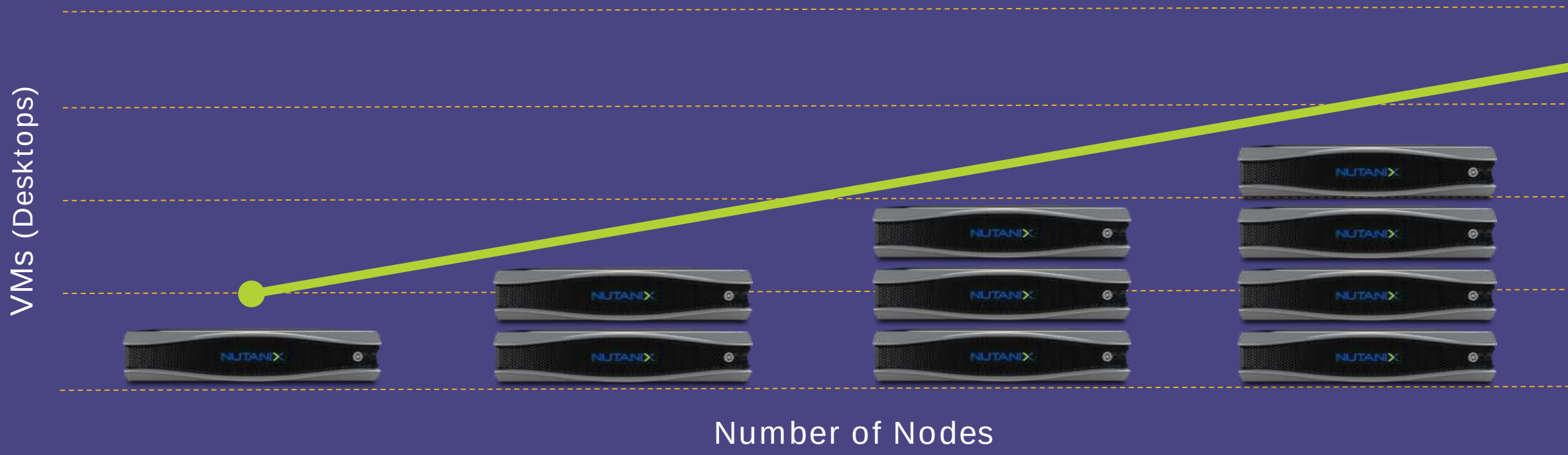
“

Infrastructure for
DaaS/VDI/RemoteApp
should be simple, high performance
and cost effective.



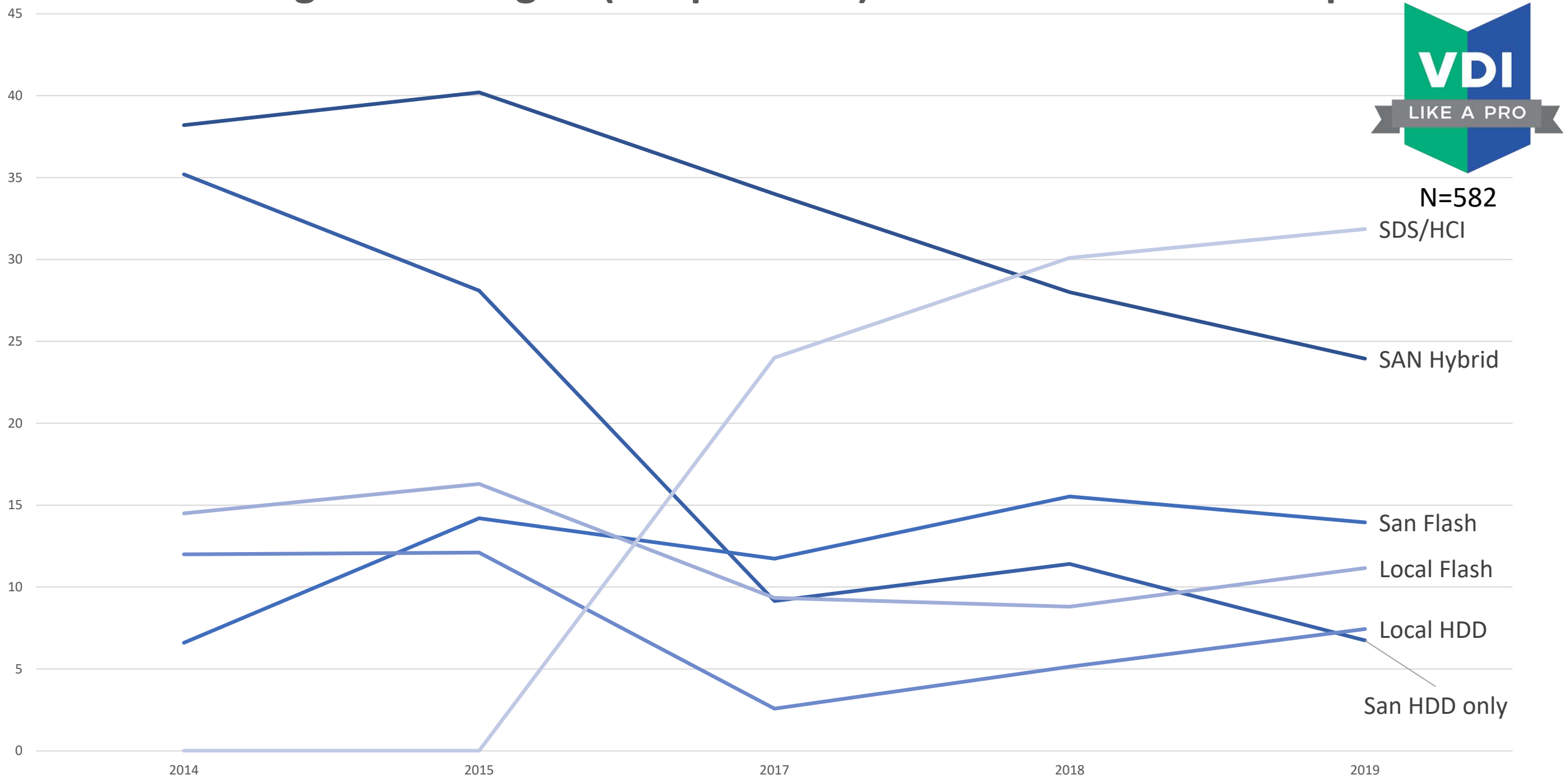
Linearly Scaling Virtual Desktop Infrastructure

Pay-as-you-grow



- Scale incrementally one node at a time
- Protect infrastructure investment by eliminating forklift upgrades
- Scale storage capacity & performance linearly
- Add nodes live without disruption or downtime

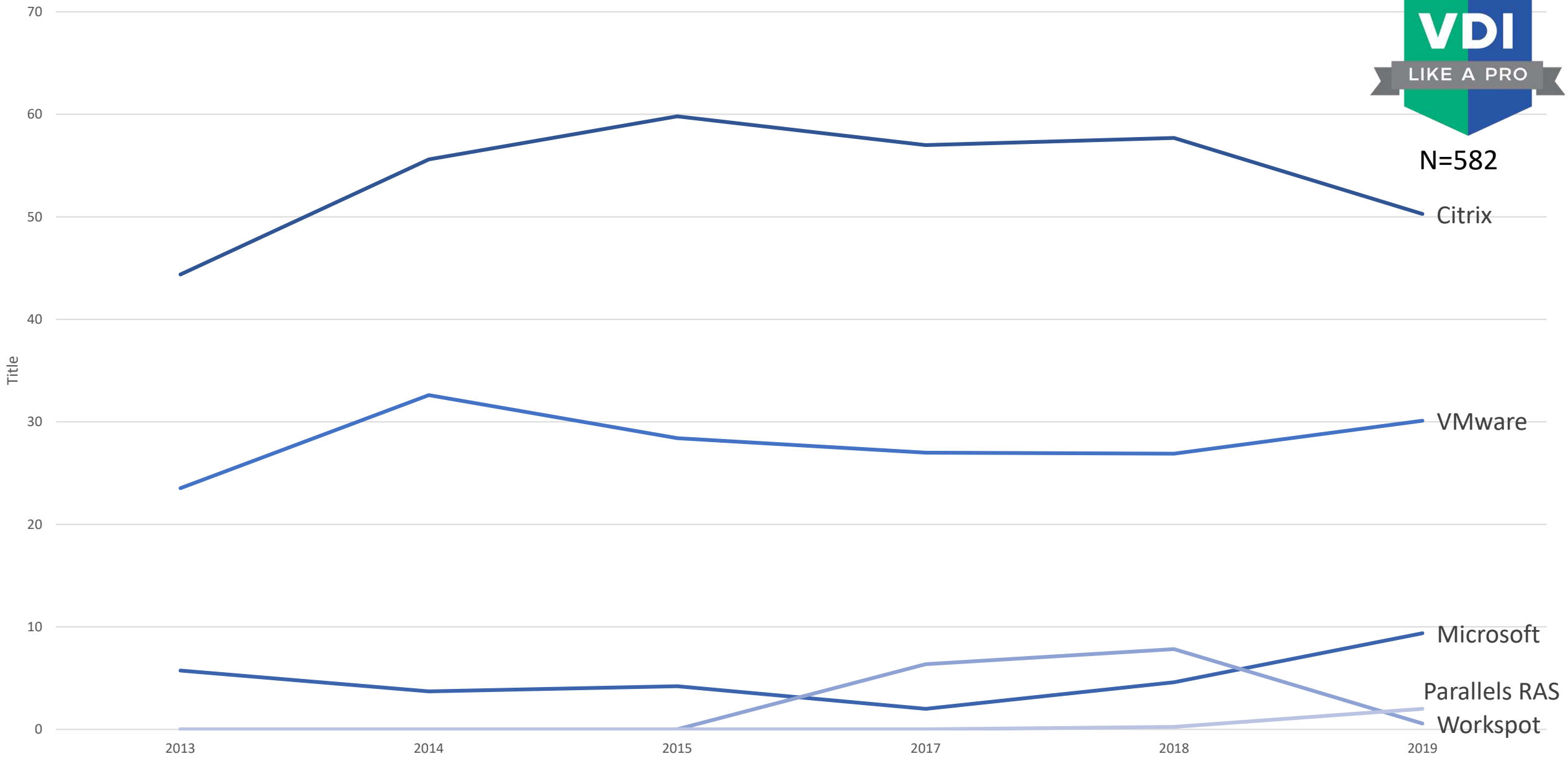
Which storage technologies (not products) are used to host desktops?



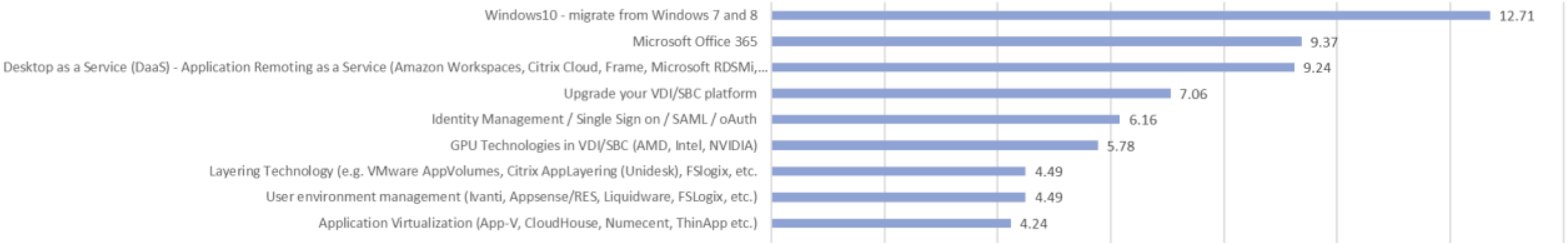
“

Using Public Cloud to DISRUPT the norm.

Which on-premises VDI solution is currently used to provide access to the virtual desktops?

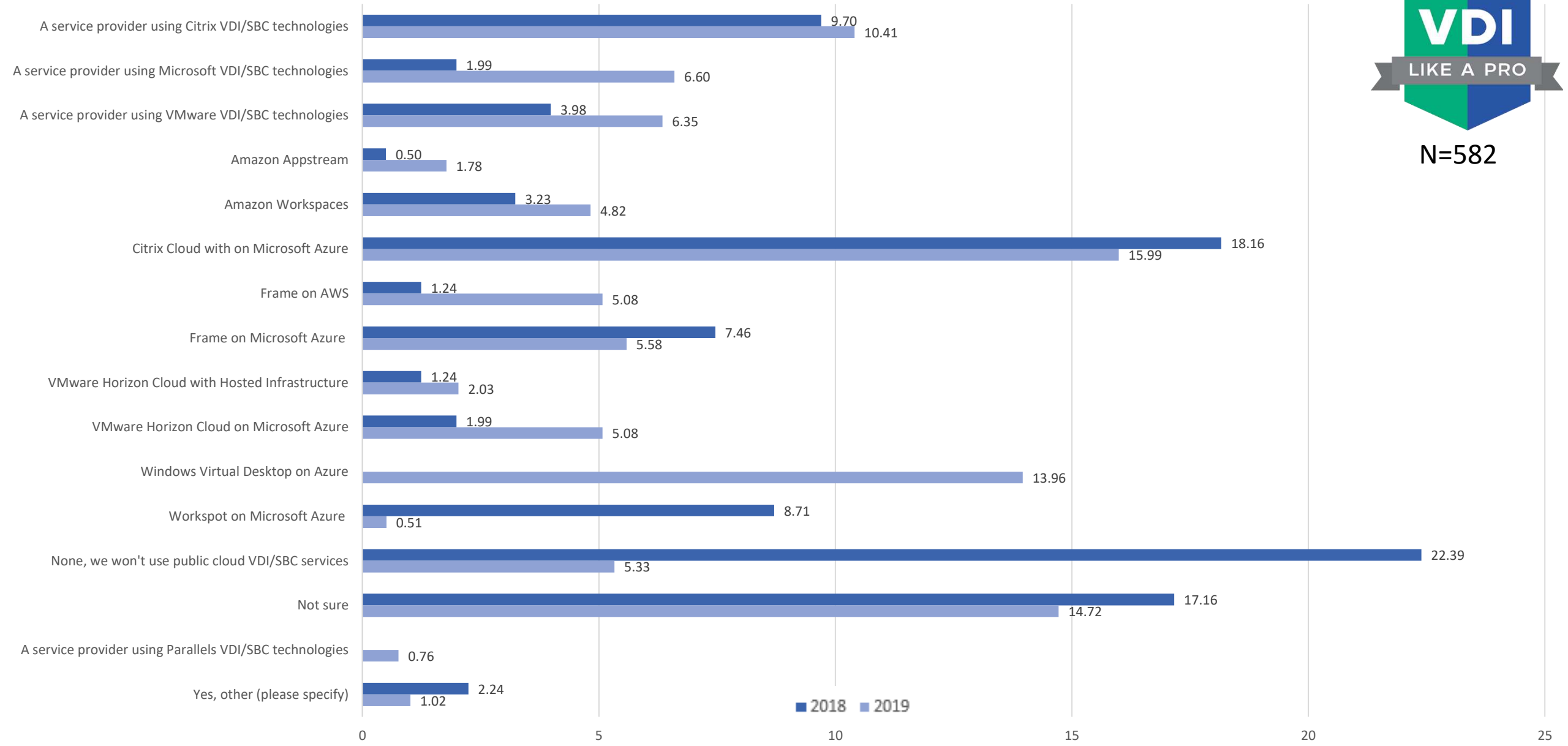


What are your most important Workspace/EUC initiatives for 2019/2020?



N=582

Which public cloud (Remote App/Desktop as a Service) solution will you introduce or use?



N=582

Microsoft entering the DaaS space with WVD acknowledges the DaaS market

Also, Microsoft entering this space means huge market opportunity!

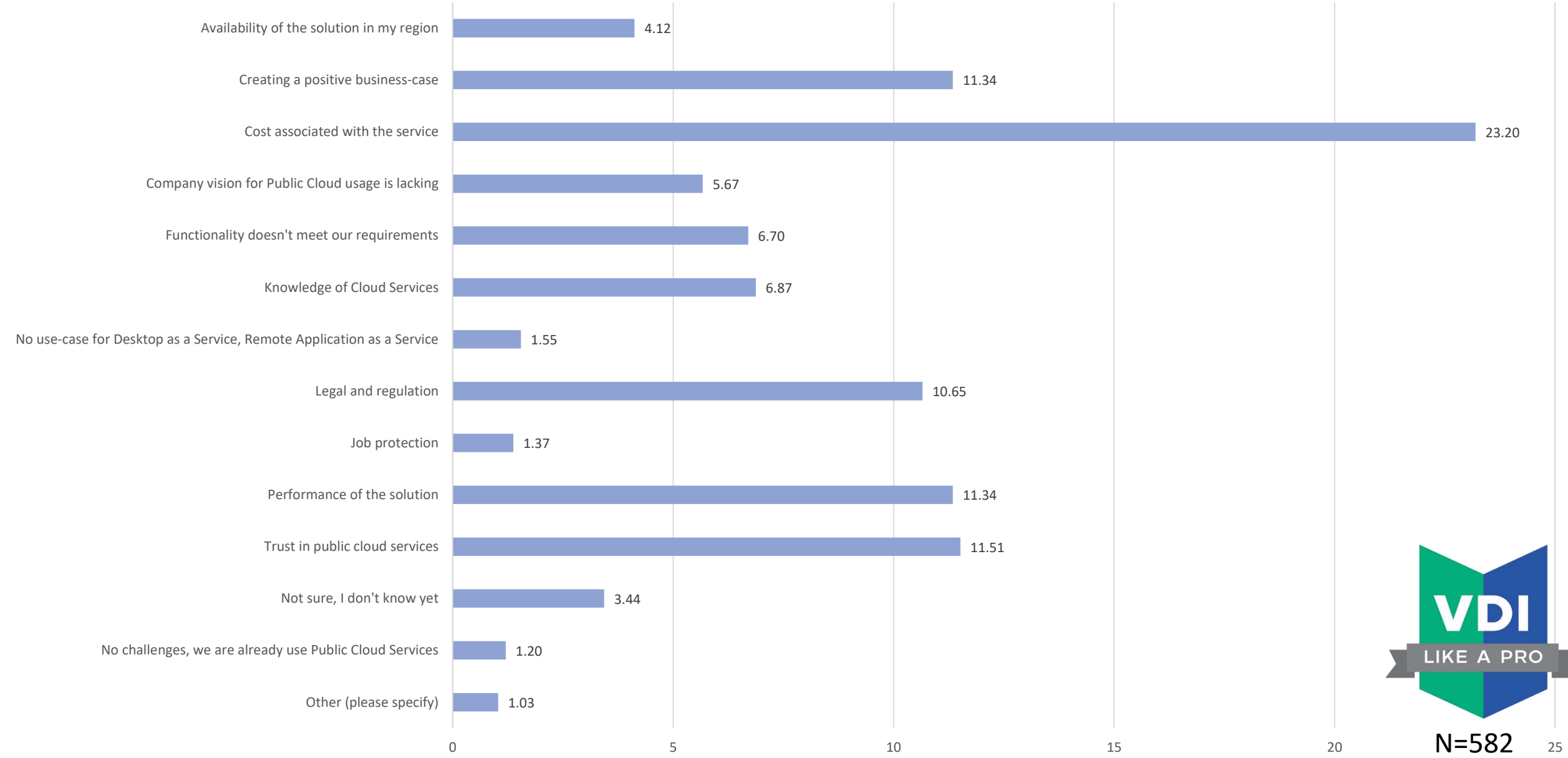
“

As applications and data used by virtual desktops increasingly move to cloud models, virtual apps/desktops will be compelled to follow.

“

What are the biggest challenges in adopting public Cloud

What are the biggest challenges in adopting public Cloud (Remote Desktop,- and Remote Application services)?



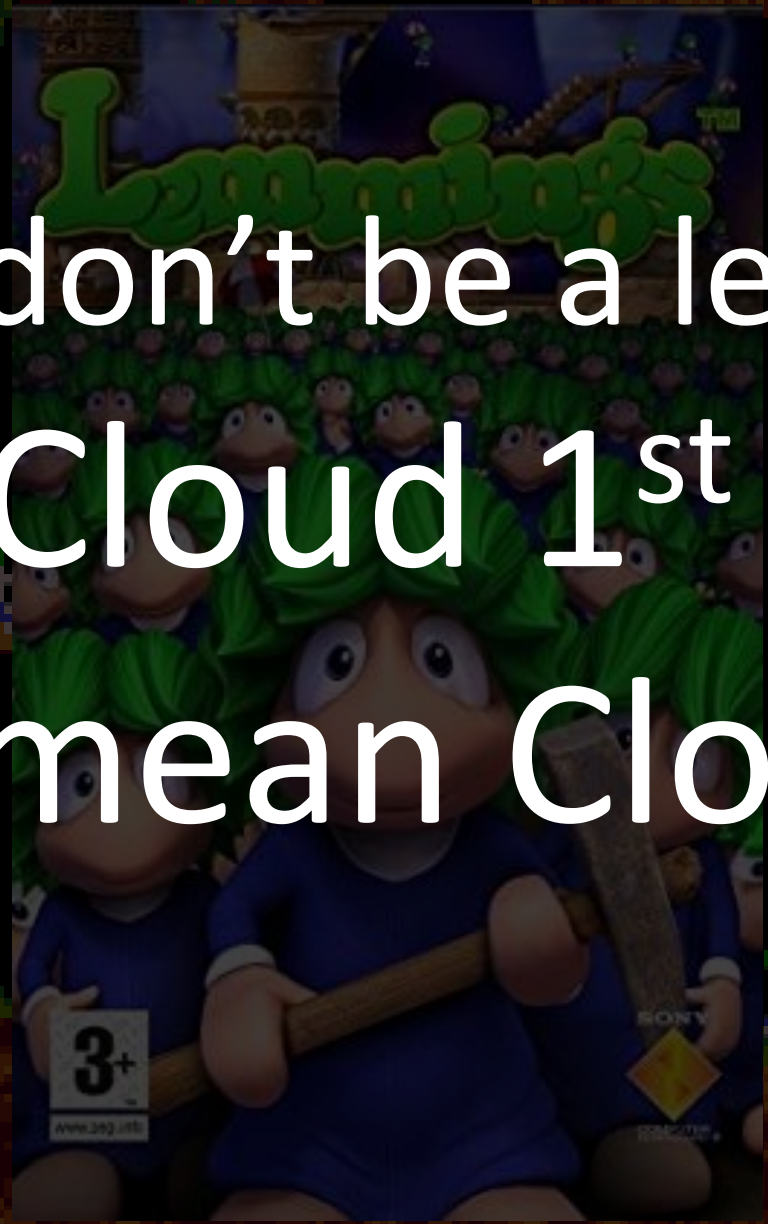
N=582

“

Please, don’t be a lemming

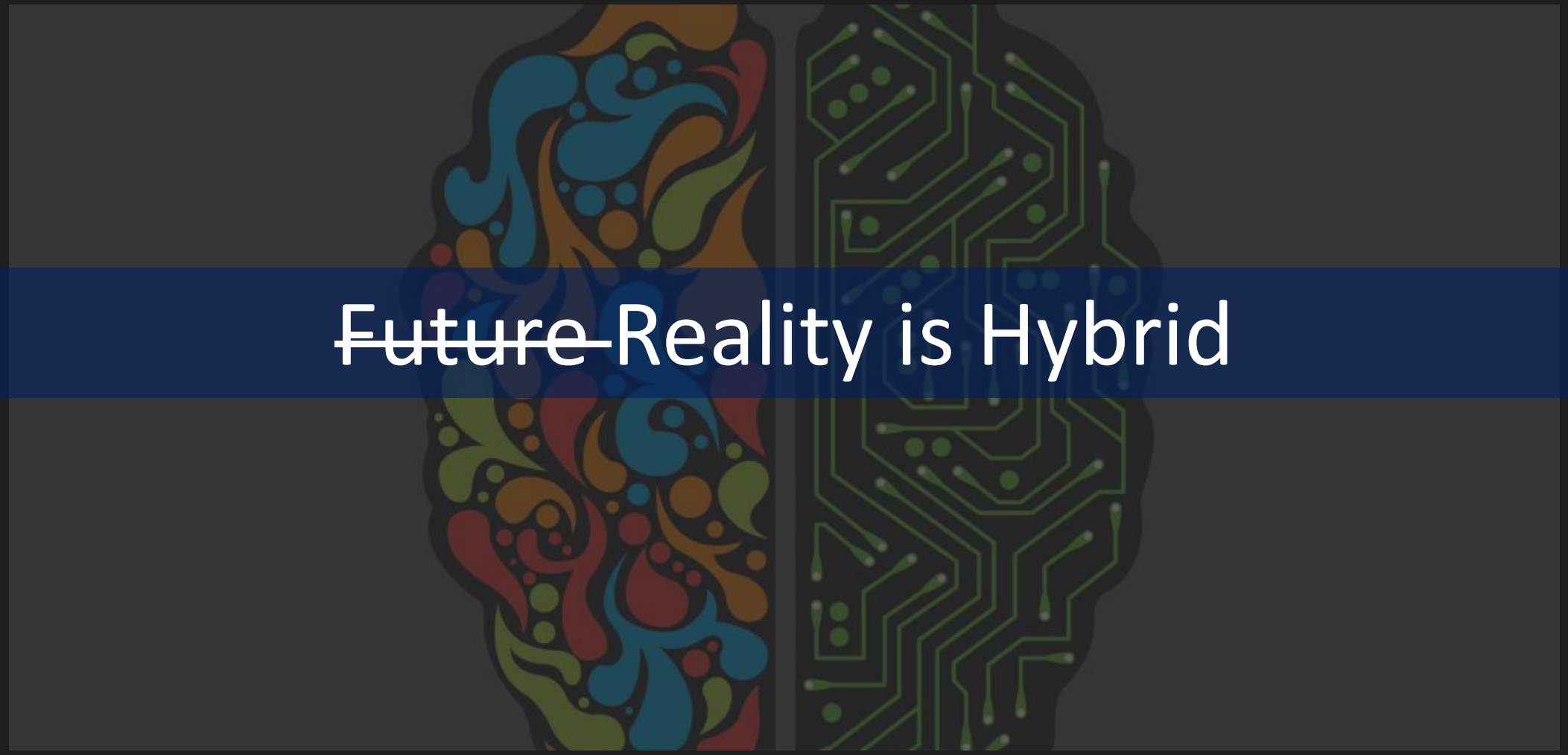
Cloud 1st

doesn’t mean Cloud Only



What is YOUR use-case/idea/problem to solve?

Enterprise VDI/SBC <> Desktop as a Service



~~Future~~ Reality is Hybrid

Complexity

Cost

User Experience / Performance

User Experience vs Platform performance

Who cares about Platform performance Testing/validation in public cloud?

“

Platform scalability testing in public cloud is NOT something you should care about

Virtual User – Remote User Experience Monitoring it is ☺

“

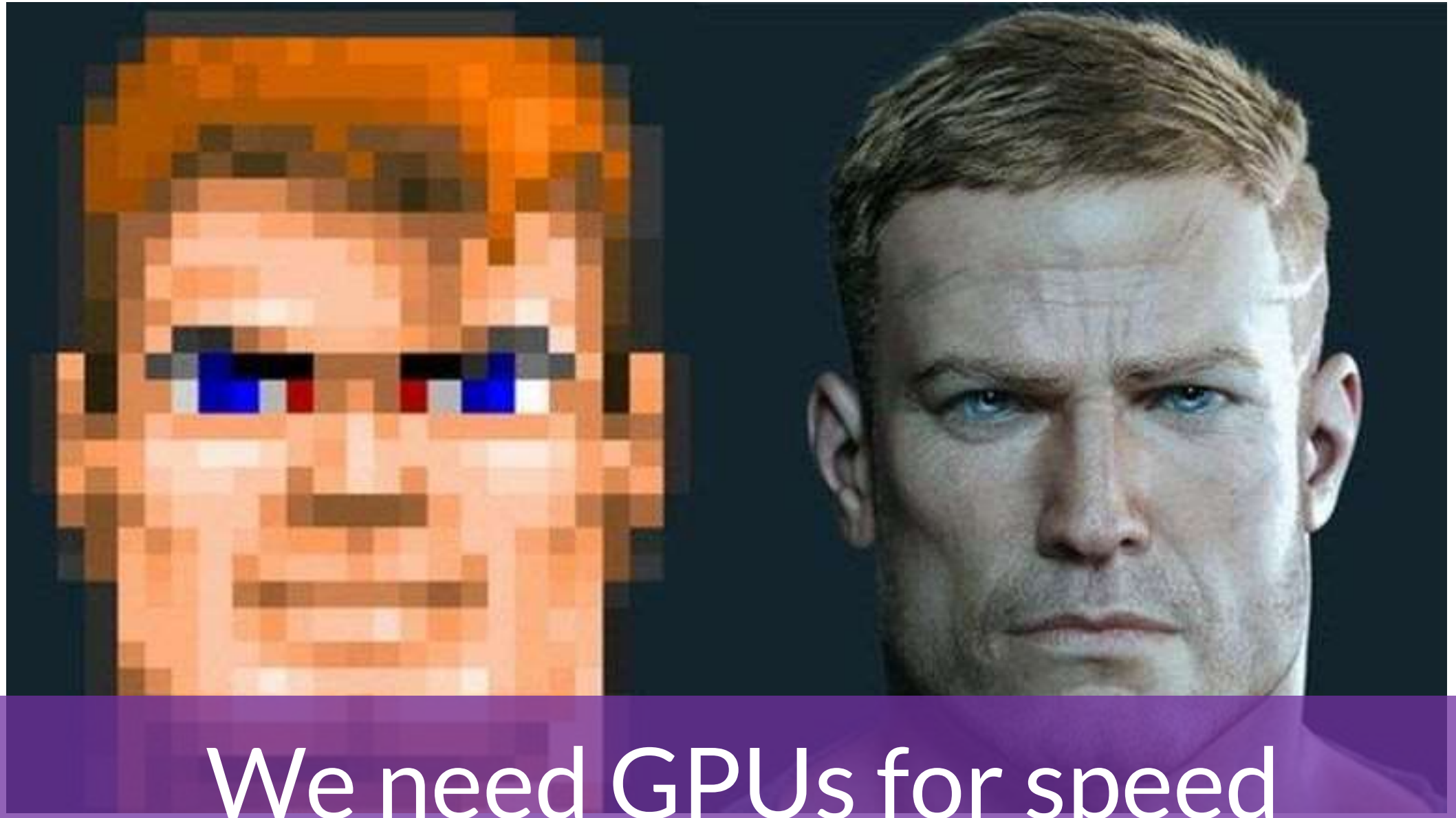
Your job is to de-suckify shitty User Experience!

Managing expectations, use best-practices, process and the right (new) tools!

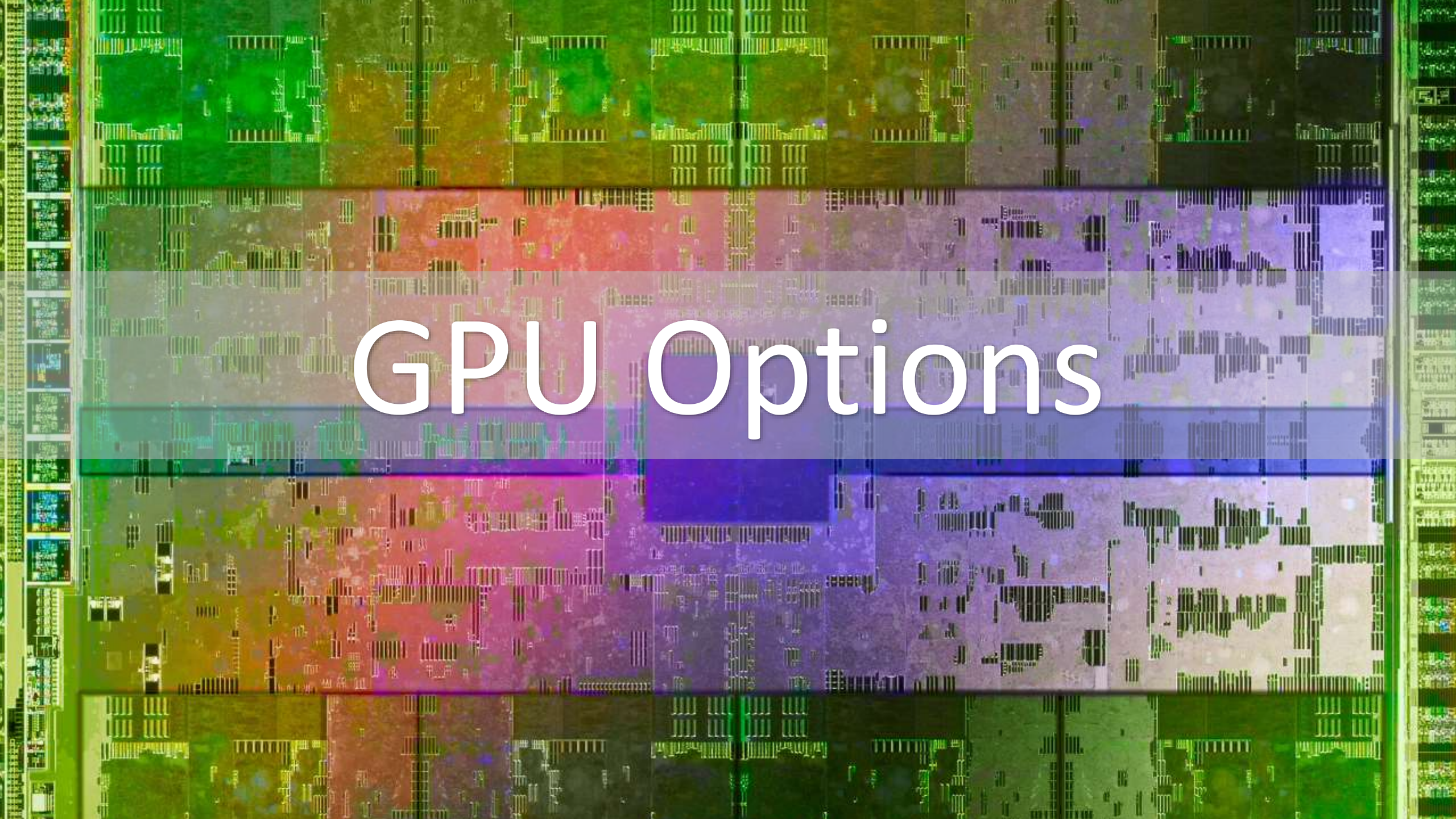
Complexity

Cost

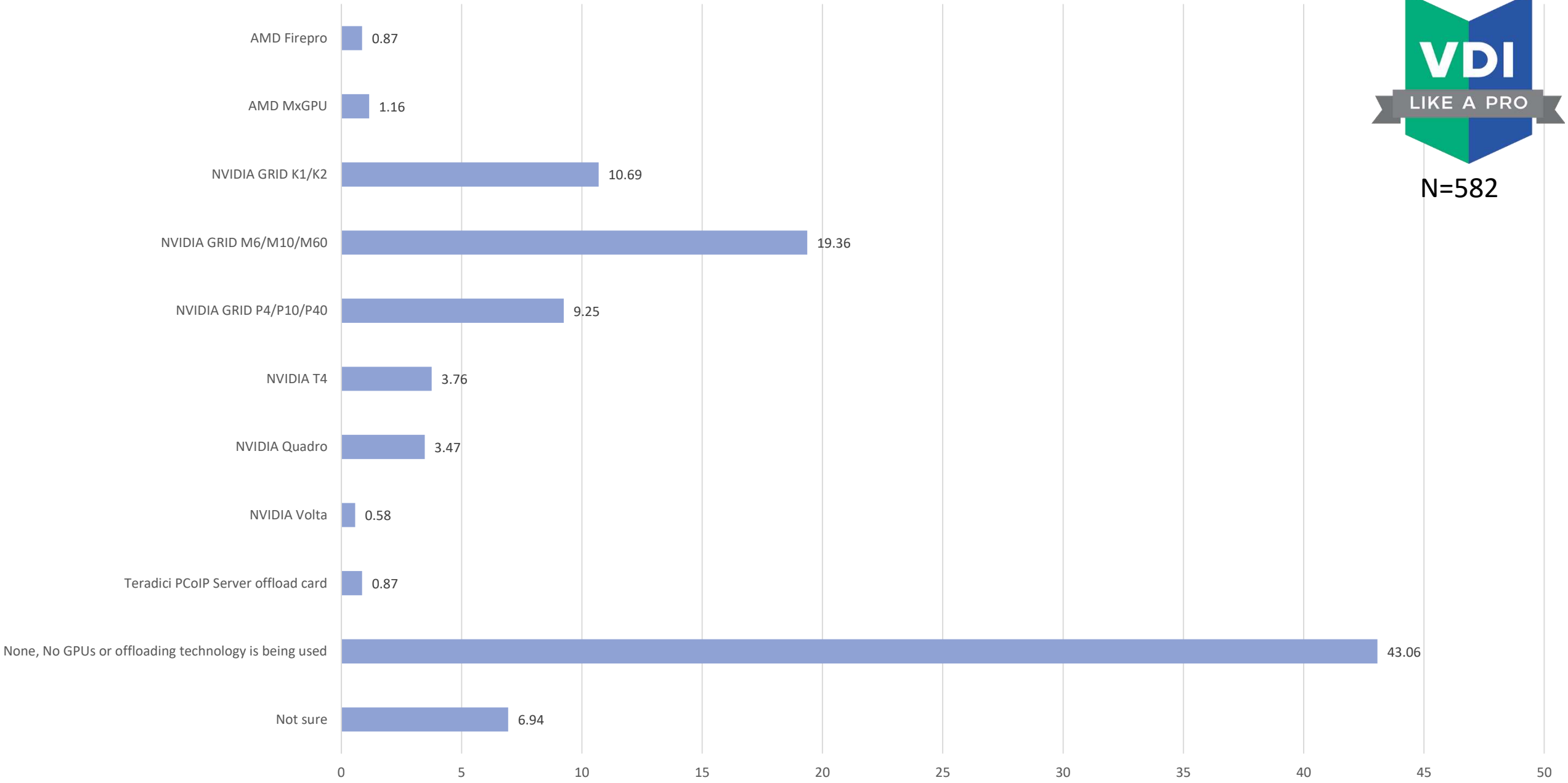
User Experience / Performance



We need GPUs for speed


GPU Options

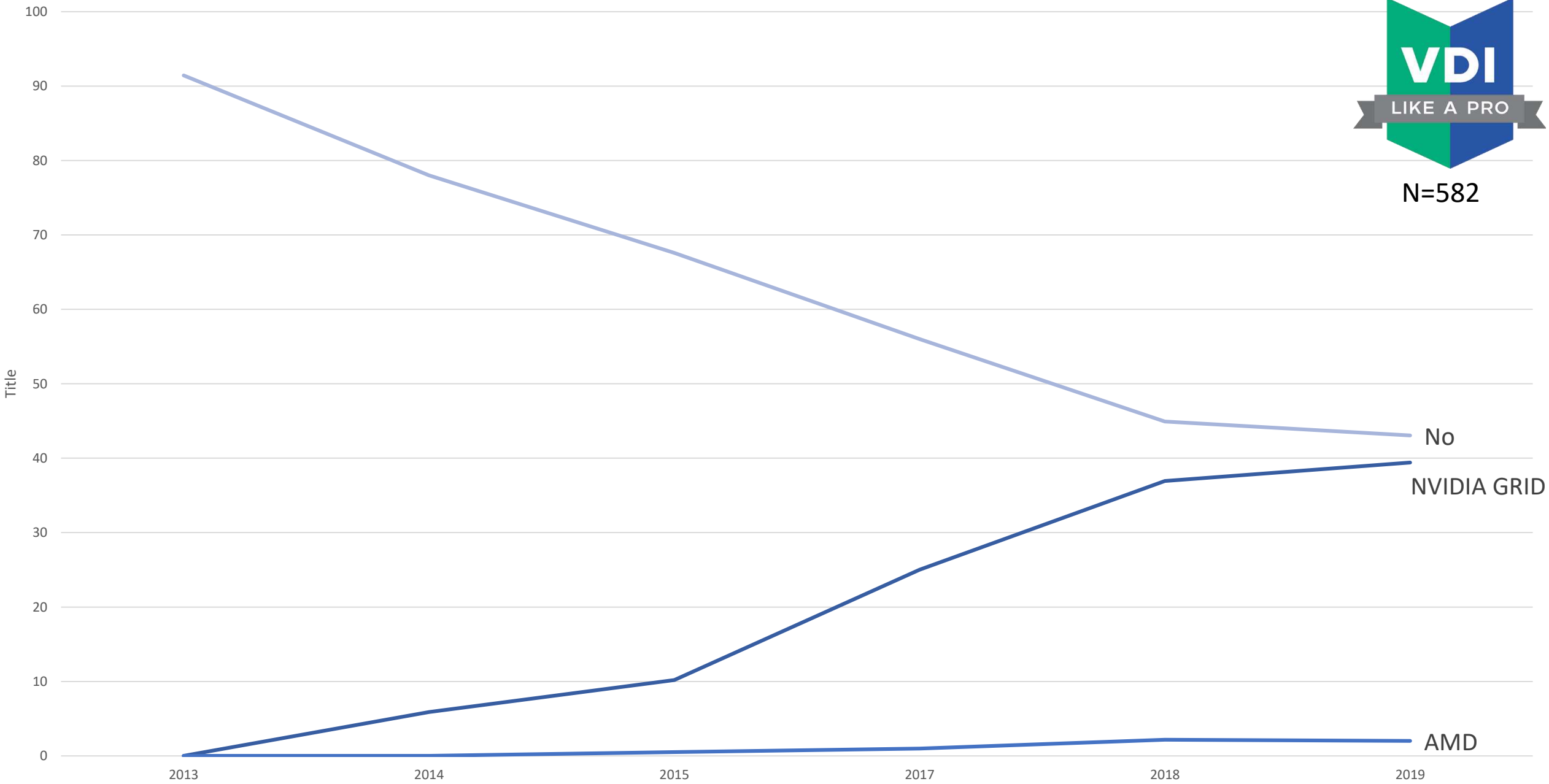
Which GPUs do you use for your on-premises VDI/SBC solution?



VDI LIKE A PRO

N=582

Which GPUs do you use for your on-premises VDI/SBC solution?



N=582

“Iron sharpens Iron, more competition
from AMD and Intel
is needed and is a good thing!”
Ruben Spruijt

Complexity

Cost

User Experience / Performance

Thanks!

Benny Tritsch – benny@rdsgurus.com

Ruben Spruijt – ruben@rspruijt.com

team@teamrge.com

TeamRGE

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