### THE INSIDE TRACK FOR EUC/VDI VIPS

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### The Inside Track – By the Numbers

- 200+ current members from Citrix CTPs, Microsoft MVPs, VMware EUC Champions, Bloggers, media, analysts and partner practice leaders... and more!
- 60+ have registered for today's virtual briefing
- The Inside Track members represent 50+ blogs and more than 150+ Twitter accounts.
- 6+ industry media outlets and 3+ industry analyst companies and organizations are represented.

### THE INSIDE TRACK FOR EUC/VDI VIPS



## LIGEL



Simon Townsend CMO @Simon\_Townsend

# IGEL'S MISSION #





### **MS IGNITE 2019**



### **IGEL FOR WVD**



2019

## Software and Hardware de-coupled

750K Seats (2/3 Software)



### **IGEL - 2020**

### IGEL OS 11.x

Portable Licences

### Management

- UMS 6.x
  - OS 11 Licence
- ICG
  - Scalability

### Hardware

• The New UD2

### Other

- Disrupt 2019
- Community Events
- WVD Announcement

2019

### IGEL OS 11.3.500

- Starter Licence
- Custom Partition Support
- WVD Support

Management

• UMS 6.04

Hardware •

### Other

- Disrupt Nashville
- Disrupt Munich
- IGEL Community Hits 3000!
- IGEL Academy and Certification

Q1 2020

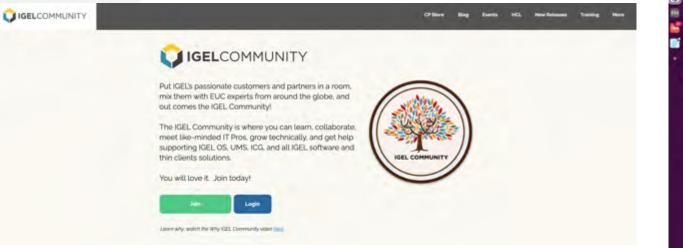
Q2 2020

### Q3 2020

Q4 2020

2021

### https://www.igelcommunity.com/





### Learn.igel.com

≡ IGEL SACADEMY

Search content in the platform

#### IGEL Academy Landing



IGEL Academy Landing Welcome to IGEL Academy!

### IGEL ACADEMY

### Learn about the next-gen EDGE OS for cloud workspaces

### Social Learning and Sharing

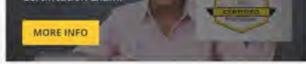
Learn from your peers. Contribute your expertise. Share your Story!

#### MORE INFO

What's going on around IGEL?

a days ago.

#### IGEL Training & Certification Get the latest training on IGEL and then take the Certification Exam.



### My Activities

Q

Get the most out of IGEL Academy! Check your activity & learning progress.

#### Voucher Code Redemption

MORE INFO



Ed Webster uploaded Welcome to IGEL Ready asset in IGEL News

Do you have a subscription code? Type II here to subscript to your courses

### DEMO Custom Partition + WVD

### **IGEL - 2020**

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Other

Hardware

Management

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UMS 6.04

• IGEL Community Hits 3000!

Q1 2020

#### IGEL OS 11.3.500

- Starter Licence
- Custom Partition Support
- WVD Support

#### Management

- OS Creator for SCCM + Others
- UMS

#### Hardware – New UD3

- PCoIP Ultra
- AMD Security
- Performance

#### Other

- WFH Kit
- Trade Up
- Digital Disrupt NA

Q2 2020

Q3 2020

Q4 2020

2021

### IGEL OS

Install on your existing devices



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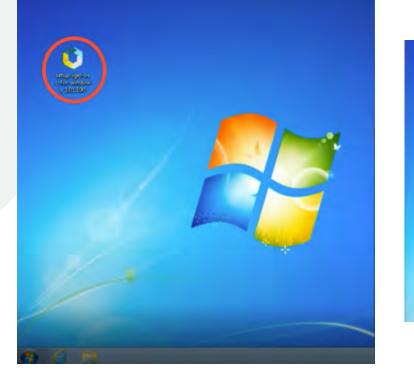
Deploy via USB with UD pocket



Deploy via SCCM, Workspace One, Intune and others..



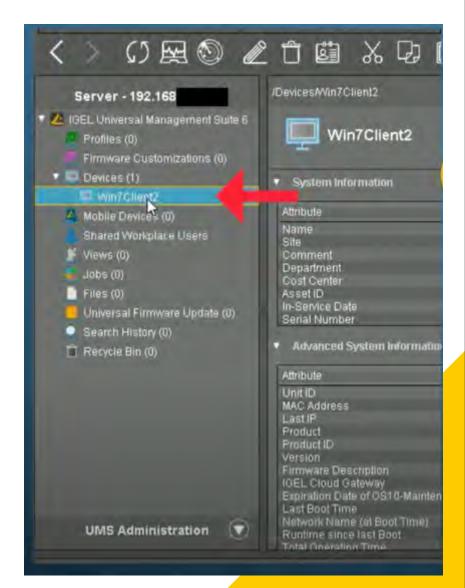
### **OSC for Windows**





OSC for Windows can be deployed by SCCM, Intune, Landesk, Workspace One, Group Policy

**Buddy Update** 





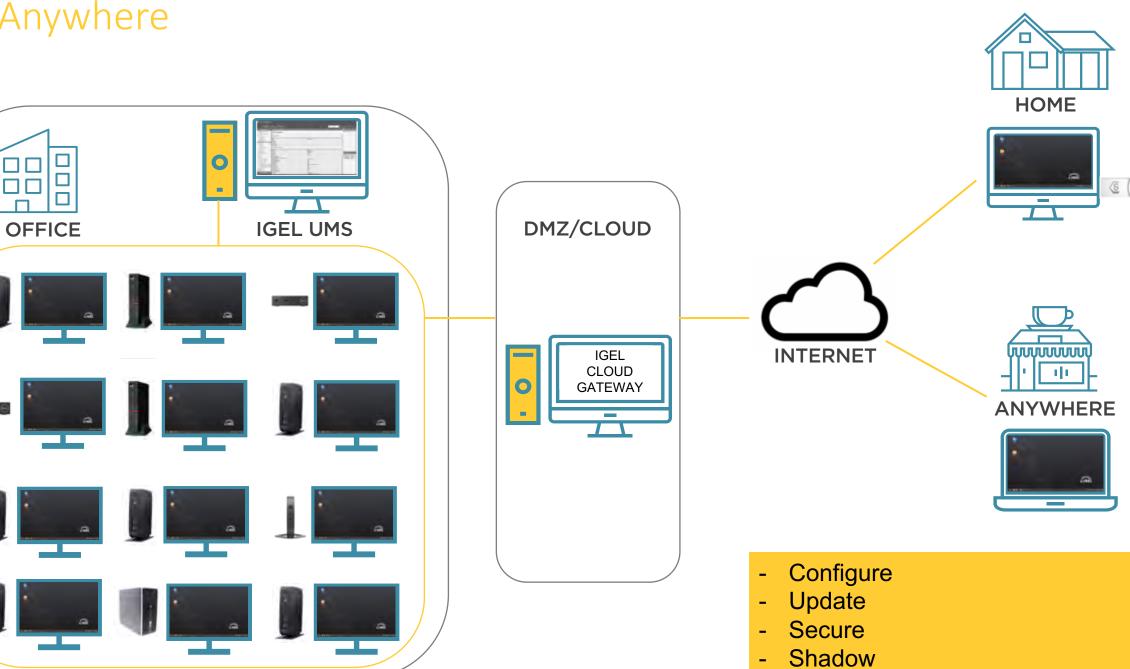
### HARDWARE RANGE

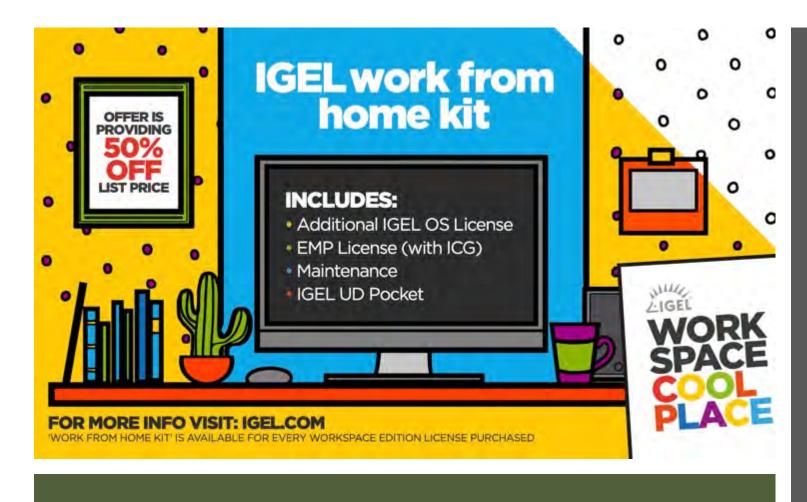






### IGEL Anywhere





### WFH Kit

• 1 SKU

- 50% off individual SKUs
- No Discounting
- Available to New and existing customers on OS 11
- Can only purchase WFH for every WE they own
- 1 WE = 1 WFH license

### WVD and IGEL

### City of Corona

### LIGEL

#### SUCCESS STORY: CITY OF CORONA, CALIFORNIA

#### California City Blazes Trails in Move to Cloud Workspaces

Global COVID-19 pandemic accelerates transition that began in preparation for the company's headquarters relocation.



Prior to the COVID-19 pandemic, a lot of our employees did not understand the ability to work from home. This has become the biggest game-changer for our organization since adopting IGEL, Citrix

#### SUMMARY

#### The Challenge

- Traditionally, government agencies have not been quick to adopt cloud solutions due to cost and security concerns – making it a hard-sell for decision makers.
- On-premises solutions were becoming a liability due to increasing frequency and proximity of California wildfires and the ongoing threat of major earthquakes.
- On-premises desktop infrastructure did not provide the desired scalability and werebecoming increasingly difficult to manage.

#### The Solution

- IGEL OS
- IGEL UD Pocket
- Microsoft Windows Virtual Desktop (WVD) hosted in Azura Government

   with FSLogix for personalization
- Citrix Virtual Apps and Desktoos
- ThinPrint hosted printing

Key Benefits

https://www.igel.com/resources/case-studies/igelsuccess-story-city-of-corona-california/

### IGEL - 2020

### **IGEL OS 11.x**

**Portable Licences** •

#### Management

- UMS 6.x •
  - OS 11 Licence
- ICG •
  - Scalability •

#### Hardware

The New UD2 •

### Other

- Disrupt 2019 ٠
- **Community Events** ٠

2019

WVD Announcement ٠

### Management

UMS 6.04 •

#### Hardware

### Other

•

- **Disrupt Nashville** ٠
- **IGEL** Community •
- Disrupt Munich
  - hits 3000!

Q1 2020

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Hardware – New UD3

**IGEL OS 11.3.500** 

Support

Management

UMS

Starter Licence

WVD Support

OS Creator for

SCCM + Others

**Custom Partition** 

- PCoIP Ultra ٠
- AMD Security Performance .

### Other

WFH Kit ٠

O2 2020

- Trade Up
- Digital **Disrupt NA**

#### **IGEL OS 11.4.100**

- New Linux Kernel ٠
- Unified Comms ٠
- **MS** Teams CTX ٠
- Zoom for CTX ٠
- Zoom for Vmware ٠
- Veridium Security ٠
- Horizon 5.4.1 ٠

#### Management

- UMS 6.05 ٠
- UMS Web App ٠

### Other

- Digital Disrupt ٠ **EMEA**
- **IGEL Ready** ٠
- IGEL ٠ Community hits 4000 in July

Q3 2020

### Q4 2020

2021

OUMU teradici Red Hat O-U || Parallels ThinLinc WWare zoom nerdio Transcend" WORTMANN AG NOMACHINE NUTANIC ettynet GOLIATH Microsoft INVIDIA DIABOOK SynchroNet Red Hat OGOLIATH IN NetApp FUJITSU Systancia aws /series OVIDIA. AMD / /SLIS *trein medical* (intel) CITRIX SENNHEISER ADVANTECH BLOG CREALOGIX Microsoft Step Over KOBIL I RICOM Step Over Lakeside SYNNEX **O**Evidian INTERNATIONAL SysTrack 90METER II. ENTIV liquidware PabulaTech TOPAZ Jabra GN /SUS Endpoints **Cloud Wkspaces/** LOGINVSI alulu 6 \* VDI/DaaS PEGLA AVAVA Microsoft Pluendo CISCO. Wacom CHERRY . control O-poly NUANCE 000 GRUNDIG Software & WILL CREALOGIX flynet **REINER**SCT<sup>®</sup> Applications LIGEL Peripherals READY ETER Cryptas DENTIV secuvera (U:Kigh 90METER secunet /series. AMD devicetrust TEM AVAVA ELBANN signoter SENNHEISER Communication/ caradigm OriveLock i imprivata BCD travel Collaboration GRUNDIG Security A TEHIMA cisco. CHERRY S SEvidian insentra KOBIL I STOPAZ cisco. Jabra GN FabulaTech DHICRD' Netio comaxx SYNNEX in crypto ision gemalto **Printers/Scanners** Analytics 1H Microsoft Diktamen CROSSMATCH NUANCE UN FY g CREALOGIX ONYX OLYMPUS PrinterLogic HID wacom control Fluendo PHILIPS LRS <sup>1</sup>rein medical Lakeside SysTrack liquidwore ThinPrint Otricerat P-poly 9 OFTPRO LOGINVSI uniprintinet The ZEBRA UN FY

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### **UMS Web Apps**

LIGEL UMS 6	Q SEARCH		к				🛈 Help . 🔮 English .	E
«		Devices / E2EVC Demo with CP						
Directory Tree		E2EVC De_		V	C INEL VM			
	G/ E Q	(E. E. 1.1 of ) . 3)	Nome	* *				
Devices (3)     Default Confly (1)     E2EVC Demo (0)     E2EVC Demo with CP (1)     London (0)     Sain Fran (0)     Teams on IGEL (0)     VMWARE (0)     Workspace (0)		C HOEL VM 0010420FE918 UjC1-LX	192.168.80.10 11.04.100.01		Properties     Name     GEL VM     Get C*     192.168.80.10     Vircition     11.04.100.01     Dancocury Pain     Device / E2EVIC Demo with C3     Efitable Properties	Unit ID- solic420FE918 Photo IGEL OS 11	MAC Address 001C420FE918 Product IID UC14X	
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### **VMWARE and IGEL**

Rogers Stirk Harbour + Partners



https://www.youtube.com/watch?v=QGL9quOvCcs



### **IGEL - 2020**

IGEL OS 11.x • Portable Licences Management • UMS 6.x • OS 11 Licence • ICG • Scalability Hardware • The New UD2 Other • Disrupt 2019 • IGEL Community Events • WVD Announcement	Management • UMS 6.04 Hardware • Other • Disrupt Nashville • Disrupt Munich • IGEL Community Hits 3000!	<ul> <li>IGEL OS 11.3.500 <ul> <li>Starter Licence</li> <li>Custom Partition Support</li> <li>WVD Support</li> </ul> </li> <li>Management <ul> <li>OS Creator for SCCM + Others</li> <li>UMS</li> </ul> </li> <li>Hardware – New UD3 <ul> <li>PCoIP Ultra</li> <li>AMD Security</li> <li>Performance</li> </ul> </li> <li>Other <ul> <li>WFH Kit</li> <li>Trade Up</li> <li>Digital Disrupt NA</li> </ul> </li> </ul>	IGEL OS 11.4.100 • New Linux Kernel • Unified Comms • MS Teams CTX • Zoom for CTX • Zoom for Vmware • Veridium Security • Horizon 5.4.1 Management • UMS 6.05 • UMS Web App Other • Digital Disrupt EMEA • IGEL Ready • IGEL Community hits 4000 in July	IGEL OS 11.5.100  WVD Multi touch Remote updates Unified comms UEM Integration  Hardware UDPocket 2 UD7  Other IGEL Community will hit 5000 People!	IGEL OS 11.6 • ***** Management • ***** Hardware • ***** Other • Disrupt ****
2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	2021

### **COMING 2021**

- **Performance**: AMD Ryzen V-Series SoC
- Graphics: 4x 4K onboard @ 60Hz
- Security: TPM modu Memory Guar

mode and a set chain of trust... A DP alternate mode, option vally Copper or Fiber

e: 50% Smaller than previous models





# Sector of the se

You already have what you need, just add IGEL

THE ONLY EDGE OS FOR CLOUD WORKSPACES











LIGEL





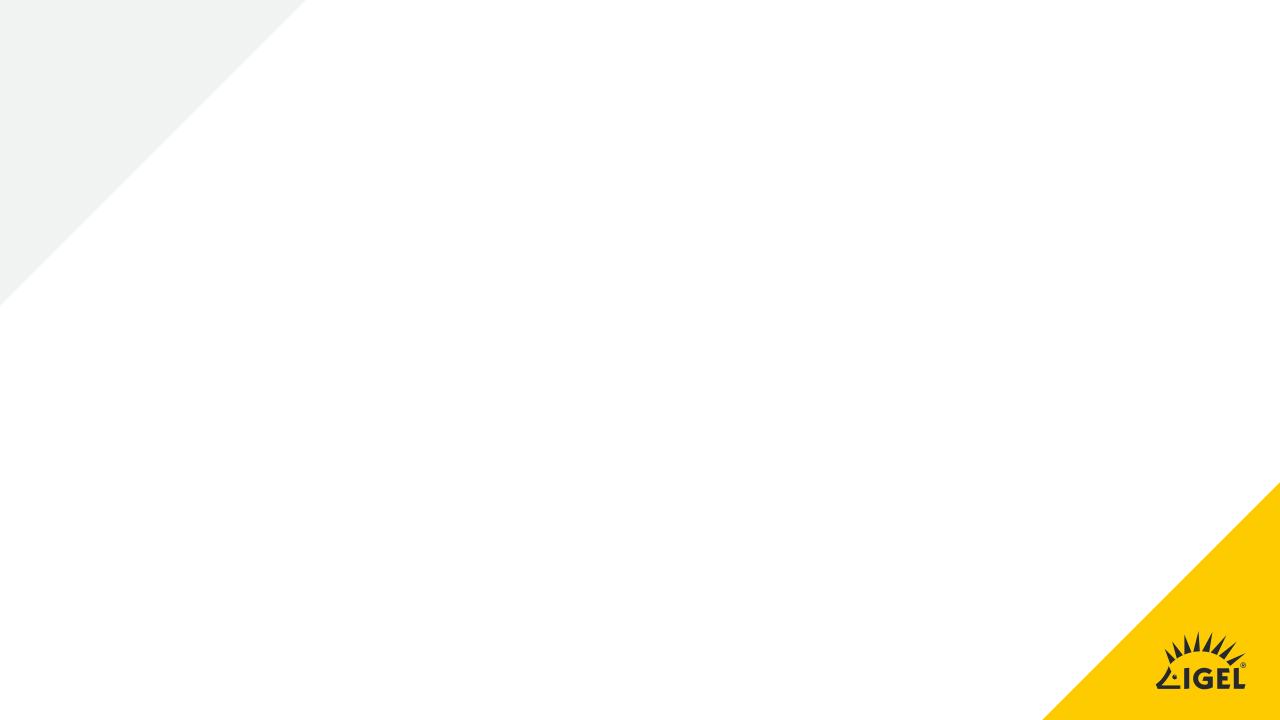


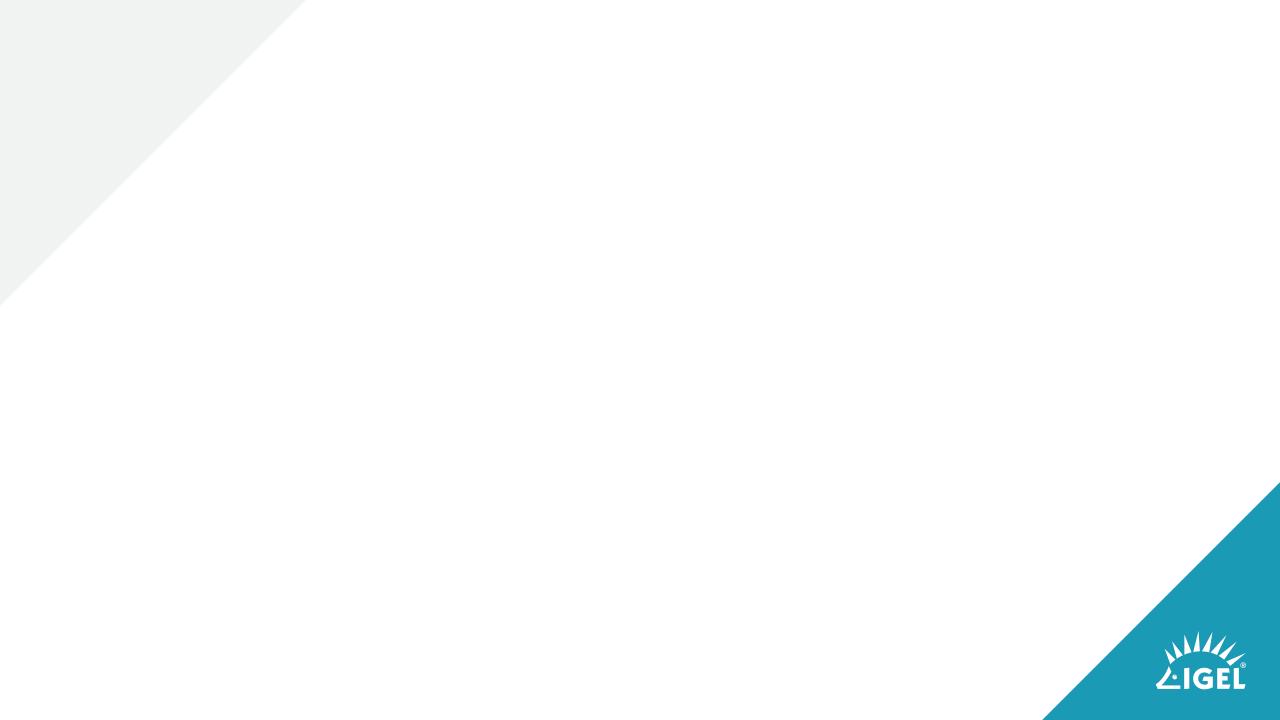














# THE INSIDE TRACK FOR EUC/VDI VIPS

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#### Adaptive Workspace Management

#### CONFIDENTIAL

# ProfileUnity & FlexApp

What's New...

v6.8.3 and v6.8.3 r2

- Microsoft App-V and MSIX -Convert to FlexApp
- Enhanced Windows 10 Multi-session OS support (WVD)
- FlexApp Speed improvements on launch from cloud
- Security hardening (client)
- R2 Launched in June 2020
  - VHDX Support for FlexApp and ProfileDisk
  - Updated FlexApp filter driver for speed and compatibility
  - Hourly Billing for AWS
  - FlexApp and Base Image Runtime Installer tool for C++ Runtimes and .NET frameworks
  - Bug fixes, FlexApp, File Extensions, etc.



#### Adaptive Workspace Management

#### CONFIDENTIAL

# ProfileUnity & FlexApp

v6.8.3 and v6.8.3 r2 (January 9 and June 17)

- Seamless FlexApp compatibility with FSLogix
- Enhanced Windows 10 Multi-session OS support (WVD)
- FlexApp Speed improvements on launch from cloud
- Security hardening (client)
- o **R2** 
  - VHDX Support for FlexApp and ProfileDisk
  - Bug fixes, FlexApp, File Extensions, etc.
  - Updated FlexApp filter driver for speed and compatibility
  - Hourly Billing for AWS
  - FlexApp and Base Image Runtime Installer tool for C++ Runtimes and .NET frameworks
- v6.8.4 Planned for release Q4 2020
- (Beta) FlexApp Automation
- (Beta) Convert App-Vs into FlexApps
- (Beta) Convert MSIXs into FlexApps
- Multi-session VHD
- Bug Fixes

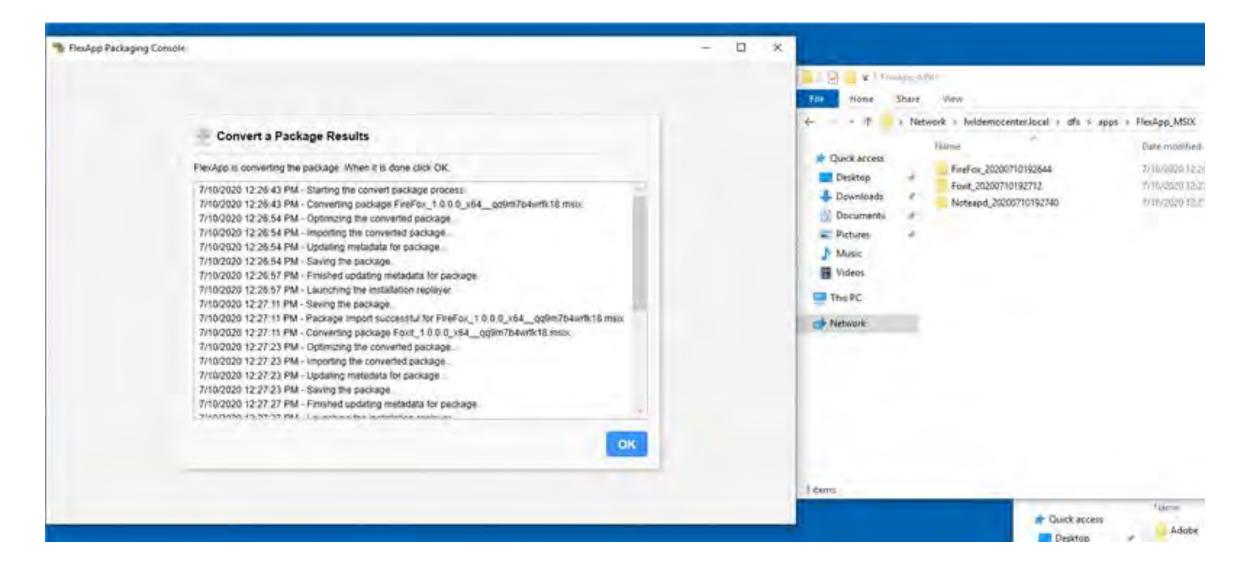


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FlexApp Packaging C	Console		
Create -	Search	1 of 2	
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Convert a Packa	ige
Use FlexApp to convert exi files to import. Clicking imp	sting MSIX app packages and import them. Browse to a location containing MSIX packages and select which ort will start the process.
Cloud Package	Los a ploud connection to topele packages for conversion
Package Files	E 3
	Wwidemocenter.local\dfs\apps\MSIX Packages\Foxit1.0.0.0_x64_qq9m7b4wrfk18.msix Wwidemocenter.local\dfs\apps\MSIX Packages\Notepad1.0.0.0_x64_qq9m7b4wrfk18.msix
	Elonge to the full path of the package files you wish to appret?
Cloud Target	Use a cloud connection for the target path of the imported package purversions
Package Target Location	\\widemocenter.local\dfs\apps\FlexApp_MSIX
	input the full peth you wish to enport to. For example: "clanckinges",

liquidware





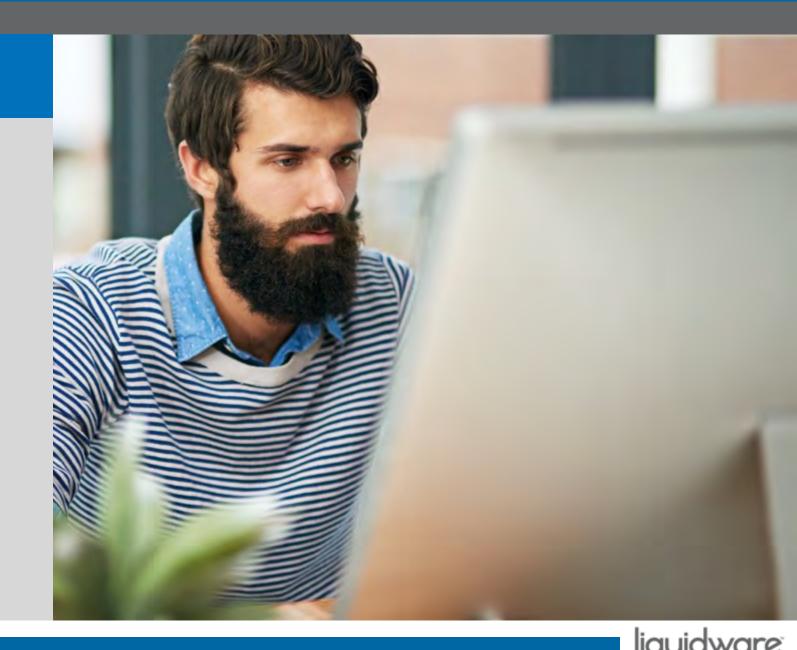
# Stratusphere UX

### What's New

### v6.1.5

#### Official Support for New Clients/Platforms

- Windows WVD and 10Zig Linux Clients
- o Amazon Marketplace Hourly billing
- o Microsoft Azure Appliance deployment
- Process Optimization Updates
  - o Granular control and reporting
- o Advanced Dashboard Enhancements
  - o Stability, Control Import Export
- Advanced Inspector Updates
  - o RDP/RFX protocol Latency. Speed enhancements
- o SpotChecks Tab
  - More metrics, Speed an UI update
- o Security Updates
- o Bug Fixes



# Stratusphere UX Integration Kit for ServiceNow

# servicenow

- Now available from qualified partners
- True integration kit vs others which only do web views
- Two levels are available
  - Stratusphere UX Integration Kit Starter
    - Includes basic support from partner (limited hour engagement)
    - Ideal for customers with advanced ServiceNow expertise
  - Stratusphere UX Integration Kit Complete Pack
    - Includes advanced integration and support from partner
    - Ideal for XenTegra customers and for our customers that have no partner with ServiceNow expertise



#### Adaptive Workspace Management

#### CONFIDENTIAL

COMPANY - COMMUNITY CUSTOMERS PRODUCTS - SOLUTIONS - SUPPORT DOWNLOAD O

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# Stratusphere UX Integration Kit for ServiceNow Example

**DB CONNECTION LATENCY** 



PRODUCTS STRATUSPHERE UNINTEGRATION WITH SERVICENOV

USE CASES FOR DEPLOYING STRATUSPHERE UX METRICS IN SERVICENOW FORMATS

#### CUSTOM DASHBOARDS

ASSET MANAGEMENT

enterprise.

#### HELP DESK SUPPORT scenable for help of compared and the scenable

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1. 10.

As a part of the "Stratusphere Base Integration Kit," machine inventory is pulled

into ServiceNow into a separate table space from the primary CMDB. This data

can then be used to augment the existing CMDB with metrics such as last boot

desktop estate including age, maker, model, SN CPU, Memory, disk and many

Machine Inventory data provides comprehensive information about the

time or resolution of the monitor(s) plugged into the machine. Stratusphere UX

more details about the entire range of machines being deployed throughout the

cs enable faster Discover which apps are being used for help desk and how they are performing both in vidigenosic location and for remote workers. ny, Disk, Discover runaway processes and fast Milei unapproved applications, which may Home.

APPLICATION USAGE

#### APPLICATION AVAILABILITY Application specific performance

Application specific performance lags, m dashboards can be created to support widely used software, including EPIC, Meditech, Outlook, Teams, Avaya, Jack Menry and more.

#### Gain visibility into details of hardware (age, maker, model, SN and morel, software (apps installed vs. used) to ensure compliance, and to reduce costs through asset reclamation and redistribution.

ASSET MANAGEMENT

#### N WITH SERVICENOW PROVIDES SIGNIFICANT ITSM BENEFITS AND ROI

UX is the industry leading user experience solution for any user workspace - physical, virtual, or cloud. ServiceNow offers digital workflow solutions Information Technology Service Management) solution that enables an organization's service desk to rapidly respond to help desk incidences.



iorgenide.

The Stratusphere Base Integration Kit for ServiceNow is a valiable from qualified Liquidware partners. The bit enables ServiceNow customers with an intuitive approach to truly integrate rich user experience data from Stratusphere UX directly inte ServiceNow.

Customers leveraging the Stratusphere UK Integration Kit for ServiceNow can easily oustamize their ServiceNow experience to include Stratusphere UK data that is unique to their operations. Organizations that have chosen Stratusphere UK find that the solution helps reache help desk call up to S0 percent faster than traditional traduleshooting. Likewise, negative trends in user experience can be remedied before they become problem that cause user downtime.

The integration kit enables Liquidware Stratusphere UX Metrics to be seamlessly integrated with the ServiceNow Platform to provide detail rich reports. Help desk ticket support metrics provide faster resolution and routing with deep diagnostic

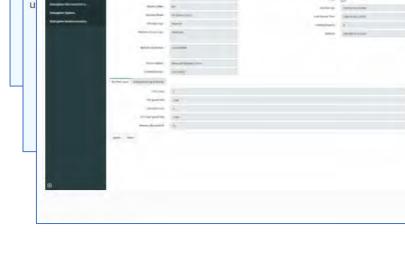
Information. Users can create application specific performance dashboards as well as complete inventory reports of for a dicenses -- both used and unused. The image bolow illustrates how seamlessly Stratusphere UX metrics can flow into ServiceNow reports to provide king and remediation. The Stratusphere UX Integration Kit for ServiceNow is available now through Liquidware and qualified partners. Interested quidware for further details.

#### SERVICENOW DASHBOARDS

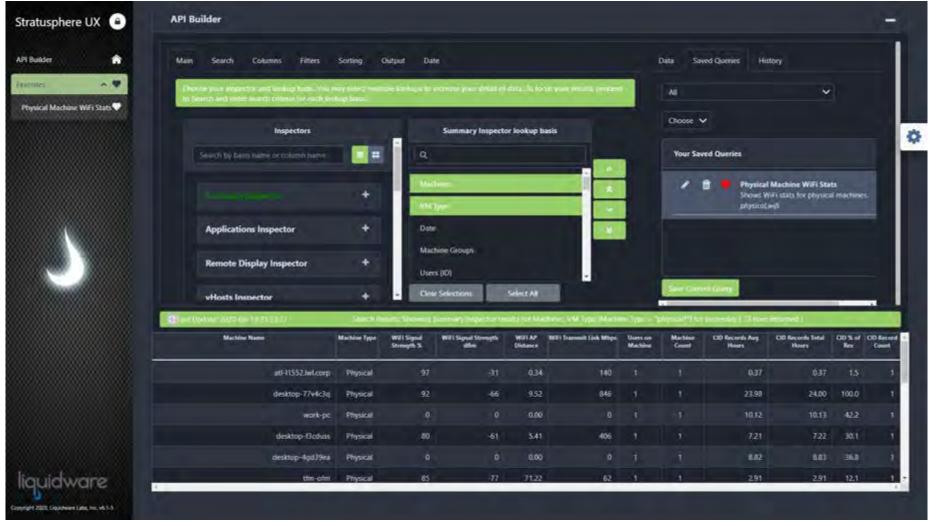
#### ASSETMANAGEMENT

As a part of the "Stratushere Base Integration Kit," machine inventory is pulled into Senite/Now into a separate table space from the primary CMOB. This data can then be used to augment the existing CMOB with metrics such as last boot time or resolution of the monitoria) plugged into the machine. Stratusphere UX Machine Inventory data provides comprehensive information about the desition estate including age, maker, model, SNCPU, Memory, dak and many more details about the entire range of machines being deployed throughout the enterprise.





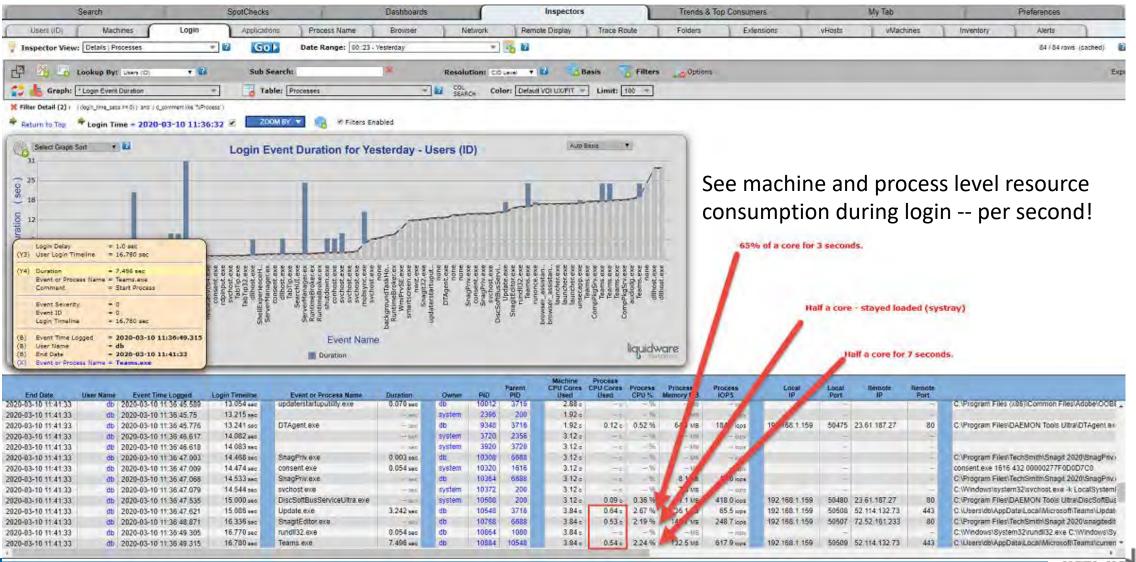
# API Builder 2.0



9/28/20

liquidware

### Login Breakdown – Process Resource Usage



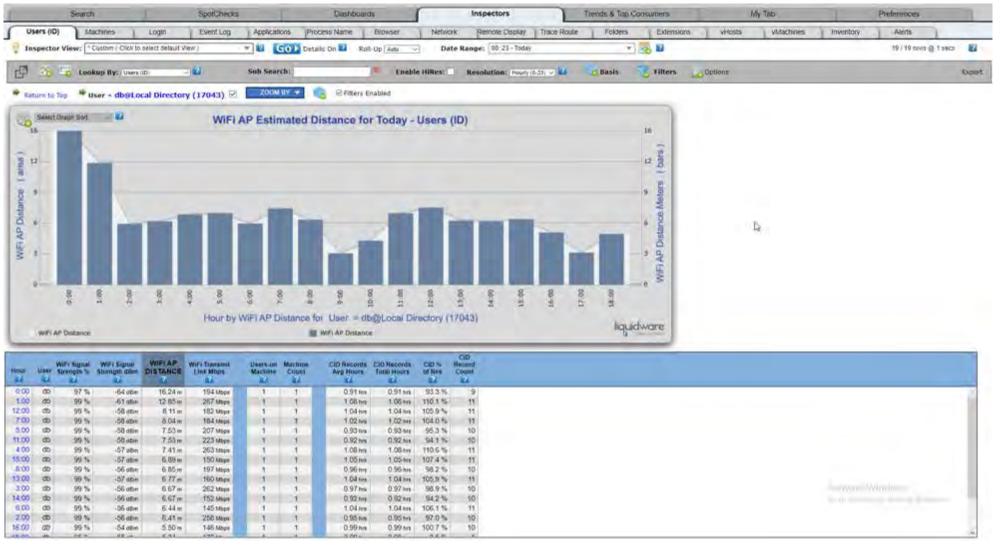
# New Work From Home Metrics

- <u>External IP</u> IP the HUB sees the CID come from. For WFH endpoints, this will typically be the users internet router IP or their External IP address. For LAN/VPN connected VM's to the HUB network, this may appear as an intranet address.
- <u>Latency Test IP and Name</u> test network latency and loss between the machine's CID and critical DNS or IP addresses like Salesforce.com or YourKeyAppServer.com.
- <u>WiFi Name and Access Point Hardware MAC Address</u> (WiFi SSID and BSSID) Shows the WiFi network connected to. If on a large MESH WiFi, identify which Access Point connected to. Show signal strength in % and dBm measurements. Calculate distance the machine is from the access point.
- <u>Trace Route</u> Impactful to WFH. Shows route from the endpoint to VM in the datacenter; hop IPs and latency for each hop along the way.
- <u>VM Type</u> Expose the type of machine, ie AWS, Hyper-V, VMware, Physical, etc. to lookup and display data.
- OS Build

liquidware

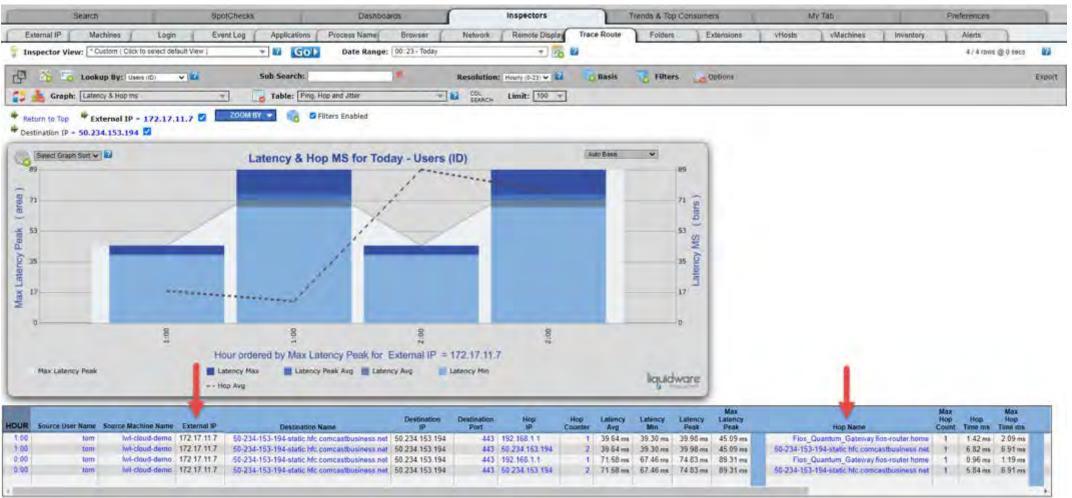
#### CONFIDENTIAL

# WFH – WiFi Distance



©2020 Liquidware Labs, Inc.

# WFH – Traceroute HOP



# **Process Optimization Stats**

Search	SpotChecks	4	Dashboards	In	spectors	Trends & Top Consumers			Tab	Preferences		
Users (ID) Machines	Login Event Log	Applications Appli	ations Browser	Network	Remote Display Trace Rout	e Folders	Extensions	vHosts	vMachines	Inventory	Alerts	2
Inspector View: Summary   Process (	Optimizer Actions (1 hr)	🖬 🕜 🖸 Details R	8-Up ce 🔹 🔞	Date Range: 00:23 - W	esterday w						100 / 373 coms (ca	ached)
🖓 % 🐻 Lookup By: Assistant	on Name 🔹 🛍 🔍 Sear	h Resolution: J	polication harme 🔹 🛍	🐻 Basis 🛛 📆 Filter	s 👍 Options							Ex
🛟 📥 Graph: Optimizer   Action Coun	ts 👘 📑 Tal	le: Optimizer   Action Counts	- 10 COL	ACH Color: Default	- Limit: 100 -	Processes: Users	- 10					

Seect Graph Soft + 2 Op	imizer Action Counts for Yesterday - Applicatio	n Name	83
49	litter of the second	Optimizer Actions         = 83 ct.           (Y8) High         = 0 ct.           (Y7) Above Normal         = 20 ct.           (Y6) Normal         = 42 ct.           (Y3) Selow Normal         = 0 ct.           (Y4) Low         = 21 ct.           (Y3) Selow Normal         = 0 ct.	
Geogle Chrome Nucreaset Teams Application Fram. Runtame Broker Seech and Corta. Windows Sheet Ex. Mission Science Leaving La Massage Remote Dealistion C. Task Manager Connector ID Hunk Manager	Microsoft Manage. Snaget 12 IostAdpa en Notrgad+4 (64-bi Microsoft Edge Microsoft Edge Microsoft Edge (1702 5 Sanent: 2 Microsoft Edge (1- Mindonethermul Microsoft Edge (1- Mindonethermul	App Load Count = 3 App Not Responding "ANR" = 0 CPU % AP Cores = 1:3 % CPU Used MHE Per App Arg = 130 % MHE Mampror Used NA Per App Arg = 138.4 MB Disk SD Per App Arg = 139.4 KBs Machine Count = 5	
	Stratusphere App Name ordered by Optimizer Actions	Process Chuner Count = 5	
Optimizer Actions	High Above Normal Normal Normal	(Y2) Optimizer Actions = 63 ct     Workload Score = 99th (percentile     (X) Stratuschere App Name = Google Chronic	

Stratusphere App Name	Workload Ranking	OPTIMIZER ACTIONS	Optimizer Terminate	Optimizer Priority Low	Optimizer Priority Below Normal	Optimizer Priority Normal	Optimizer Priority Above Normal	Optimizer Priority High	CPU Used MHz Per App Avg	CPU % All Cores	CPU Cores Total Used	Optimizer Persistent Lower	Optimizer Persistent Raise	Window Foreground	Optimizer Trim Memory	Process Privilege Elevated	Machine Count	Process Owner Count	App ID Count	PID	Active Minutes Per CID	Avg CID Minute
Google Chrome	1	83 ot	- 11	21 et	74	42 et	20 pt	-#	130.6 stells	1.3%	0.28 c	- st		20 et	30	1	5	6	2	1	98 mms	10=
Microsoft Teams	3	78 ct	=1	22 ct	+ 42	40 ct	13 ct	-41	35.2 MHz	0.2 %	0.09 c		- ci	13 et	12 ct	1.4	6	6	2	1	42 mins	10+
Application Frame Host	134	69 bi		- 11		25 et	24 of	- at	0.6 MHz	- 10.		- 24		24 et	28 ct	-	11	9	3	-	9 mins	9=
Runtime Broker	20	63 ct	- 11	10 ct	-10	16 ct	-d		1.3 MHz	- 34	0.01 c				223 et	1000	27	19	4		20 mina	10 -
Search and Cortana application	12	62 of		-8 ot		21 a	16 ct	-4	4.5 MHz	-95	0.03 c	- ent	ci	16 at	22.0	-	18	16	2		10 mins	10 m
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# THE INSIDE TRACK FOR EUC/VDI VIPS

#### SPONSORED BY





### What's NEW with NVIDIA vGPU

Anne Hecht, Sr. Director Product Marketing, NVIDIA

### VMWORLD 2020

#### What's New with NVIDIA GPU Virtualization



Digital Workplace Trends Work from Anywhere on Any Device





Streamlined Data Center New Features for IT Enterprise AI Virtual Compute Server

### THE WAY WE WORK HAS CHANGED

Flexible Client Computing Solutions

Although few organizations planned for the global circumstances of COVID-19, many will now decide to have some desktop virtualization presence to expedite business resumption."

(Gartner June 2020)

70% Of new desktop virtualization business cases will be based on BC (business continuity) demands highlighted during the COVID-19 crisis (Gartner June 2020)

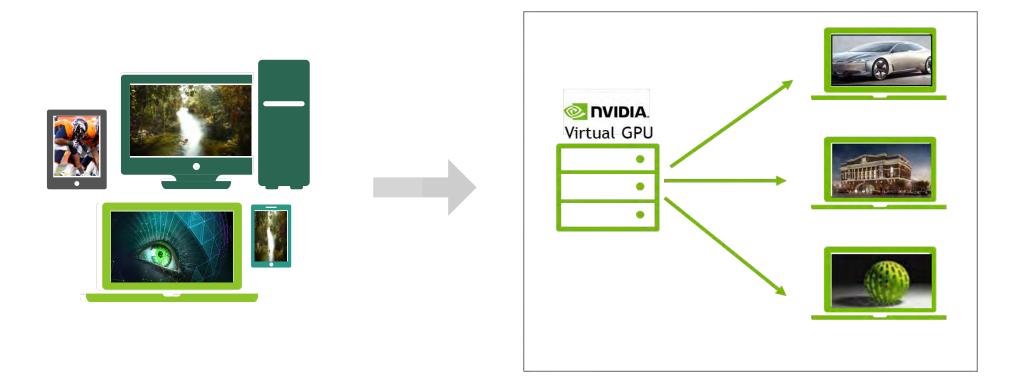
Of employees will likely work remotely at least part of the time after the COVID-19 pandemic, compared to 30% pre-pandemic.

(Gartner May 2020)

Indicated that poor technology and/or 54% infrastructure for remote working is the biggest barrier to effective remote working.

(Gartner March 2020)

### PERFORMANCE FROM THE DATA CENTER & CLOUD NVIDIA Virtual GPU



All devices have graphics

Virtual machines running the cloud or data center also need a GPU

# ACCELERATE PRODUCTIVITY

### For Every User, Any App





# VIDEO CONFERENCING TRENDS

Of meetings will take place face-toface by 2024 (pre covid)

90%

25%

Increase in video conferencing app downloads compared to 2019 weekly average\*

# ACCELERATE VIDEO CONFERENCING TOOLS VDI with Virtual GPU Provides Best UX

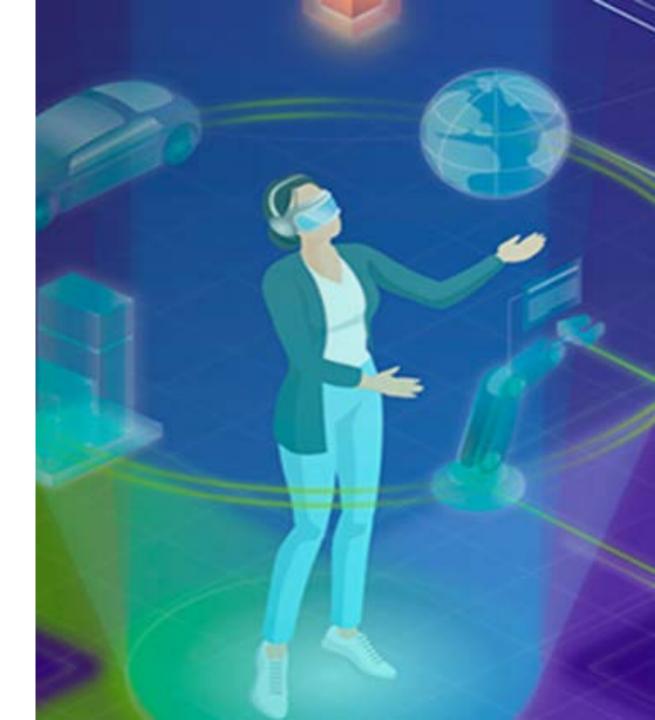
- > MS Teams, Zoom, and Cisco Webex
- Video Sharing and Streaming
  - Lower CPU utilization for a smoother experience
- Screenshare
  - Increase responsiveness with more remoted frames

**GRID vPC MS Teams Testing - Screenshare** GRID vPC 1B vs CPU Only VM vCPU and vGPU (vPC) Utilization % 100 90 80 70 60 Utilization % 50 40 30 20 10 0 • • • vPC - GPU Mem (%) VCPU Only vPC - vCPU (%)

MS Teams results tested on a server with Intel Xeon Gold 61454 CPU @ 3.0 GHz, NVIDIA GRID vPC sonware, vinware ESX 0.1 Update 3, vinware Horizon 1, nosvguest driver 442.00, vin coning, vin 10 (1909), 2vor0, 4GB internory, 14-1B, vinware Biast Protocol Test workflow incrementally turned on 3 web cameras, ending in a total of 3 web camera feeds (one/attendee), prior to concluding tests web cameras were turned off in MS Teams.

"We're partnering with NVIDIA to more securely deliver AR and VR applications running on VMware vSphere and NVIDIA Quadro Virtual Workstation, streamed using NVIDIA CloudXR to VMware's Project VXR client application running on standalone headsets."

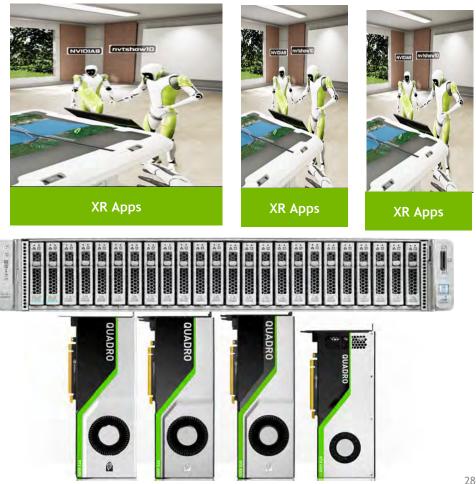
- Matt Coppinger, Director of AR/VR, VMware



## NVIDIA vGPU SUPPORT FOR CLOUD XR

Increase productivity & utilization, decrease costs

- Brings XR to virtualized environment for enterprise use cases
- Furthers the ease of use, untethered VR over 5G
- NEW-120Hz VSync support at resolutions up to 4K for smoother, immersive experience
- Two users per RTX6000/8000 reduces TCO for XR workloads
- Secure, multi-tenancy solution





## TEST DRIVE VMWARE ON NVIDIA VIRTUAL GPUS

Instant Access to Accelerated, Virtualized Graphics

- Running on VMware vSphere and Horizon 8
- Experience workstation-like performance with industry-leading graphics applications as well as modern productivity application
- Virtual desktops with NVIDIA GRID vPC, NVIDIA GRID vAPPs, and NVIDIA Quadro vDWS
- > Try <u>Test Drive</u> today!

#### A GREAT USER EXPERIENCE FOR EVERY ENTERPRISE APPLICATION



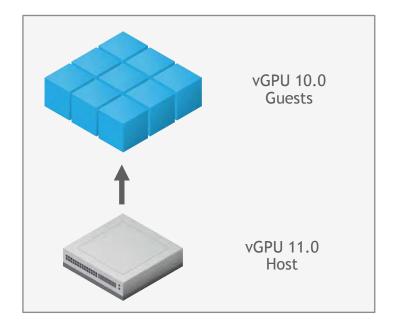
- Enterprise applications running on a Windows 10 desktop—virtually
- Industry-leading 3D applications such as Autodesk AutoCAD, Dassault Systèmes SOLIDWORKS, Esri ArcGIS Pro, Siemens NX
- Modern business applications such as Adobe® Acrobat® 3D, PowerPoint, YouTube



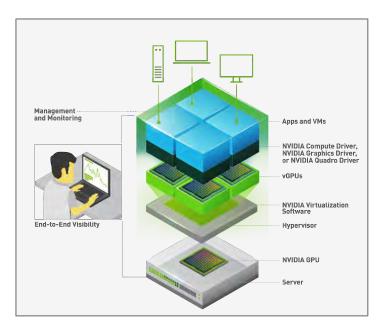
#### **WATCH DEMO**

### IMPROVED OPERATIONAL EFFICIENCY FOR IT ADMIN

More flexibility, reduce deployment time, run latest software



Cross Branch Compatibility vGPU 10.0 and later



Management & Monitoring NEW DRS Support & Latest vROps



### THE BEST OF TWO WORLDS ARE ABOUT TO MEET

See what happens next at VMworld. Sept. 29<sup>\*</sup> at 10am PT

SAVE THE DATE



### GPU SOLUTIONS FOR EVERY WORKLOAD

Visit us online as we showcase our latest collaborations with VMware and our partners at this year's virtual VMworld. You'll discover how to increase data center efficiency while running multiple workloads and how to access the power of NVIDIA GPU-accelerated computing from anywhere.

Day/Time	Speaker Name/Org	Session Title	Session ID
Tue, Sep. 29 at 10am PT	Jensen Huang / Pat Gelsinger	Won't be live in session catalogue until Sept 29	VI3178
Tue, Sep. 29 at 10:30am PT  2:30am PT	Manuvir Das (NVIDIA) / Krish Prasad (VMware)	Live Q&A with VMware and NVIDIA Leaders	HCP3047S
Tue, Sept 29 at 12pm PT   Wed, Sept 30 at 7am PT	Chris Lamb (NVIDIA) / Paul Perez (Dell) / Kit Colbert (Vmware moderator)	Live CTO Roundtable (30 minutes) no recording - The Future of AI Developer Ready Infrastructure	OCTO3150S
On Demand	Raj Rao (NVIDIA), Uday Kurkure (VMware)	Best Practices to Run ML and Compute Workflows with Nvidia vGPU on vSphere	ETML1443
On Demand	Eric Kana (NVIDIA), David Britt (ManTec)	Powering Intelligent Video Analytics with NVIDIA AI Using VMware Horizon	ETML2467
On Demand	Boris Kovalev (NVIDIA), Mohan Potheri (VMware)	Scaling Distributed Machine Learning Using GPUs and RDMA on VMware vSphere	ETML1364
On Demand	Luke Wignall (NVIDIA), Sean Massey (VMware), Johan van Amersfoort (ITQ Consultancy), Tony Foster (Dell)	Dynamic Optimization of Mixed VDI and Artificial Intelligence Workloads	ETML1848
On Demand	Justin Murray (VMware) / Shawn Kelly (VMware)	Choosing the Best GPU Accelerator for Machine Learning	ETML1110
On Demand	Justin Boitano (NVIDIA) / Paul Turner (VMware)	Accelerating the Hybrid Cloud for AI and Data Analytics	HCMB3046S
On Demand	Matt Coppinger (VMware)	Game-Changing Employee Productivity with Spatial Computing and VMware	OCTO1213

### DOWNLOAD 90-DAY FREE EVALUATION

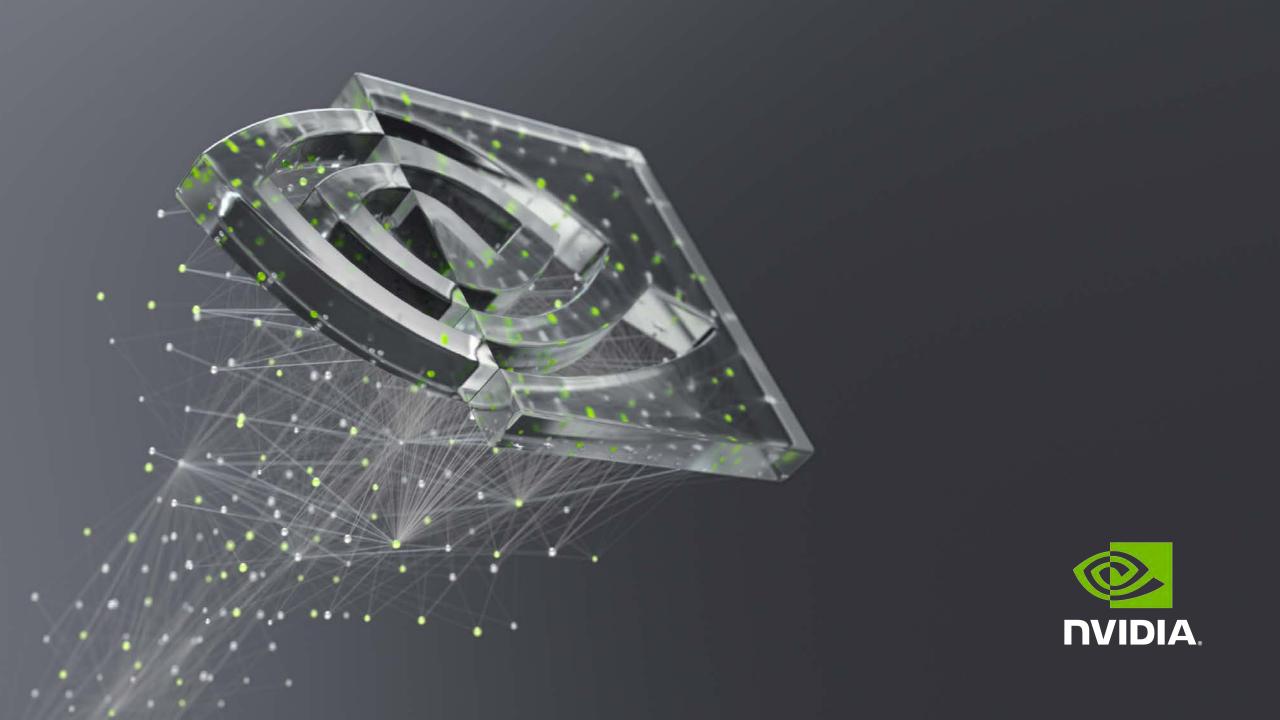
Access NVIDIA vGPU Software Today!

- Quickly add capacity while you work on your order
- Supports multiple generations of GPUs; enables POCs on older and new hardware
- License for 128 CCU of any of the vGPU software products:
  - GRID vPC for knowledge workers
  - Quadro vWS for professional graphics
  - Virtual Computer Server for AI

## VIRTUAL GPU SOFTWARE EVALUATION

Deliver graphics acceleration to virtualization. NVIDIA virtual GPU unlocks the promise of productivity, mobility, security, and flexibility for every use case.

REGISTER FOR TRIAL HOW TO BUY



# THE INSIDE TRACK FOR EUC/VDI VIPS

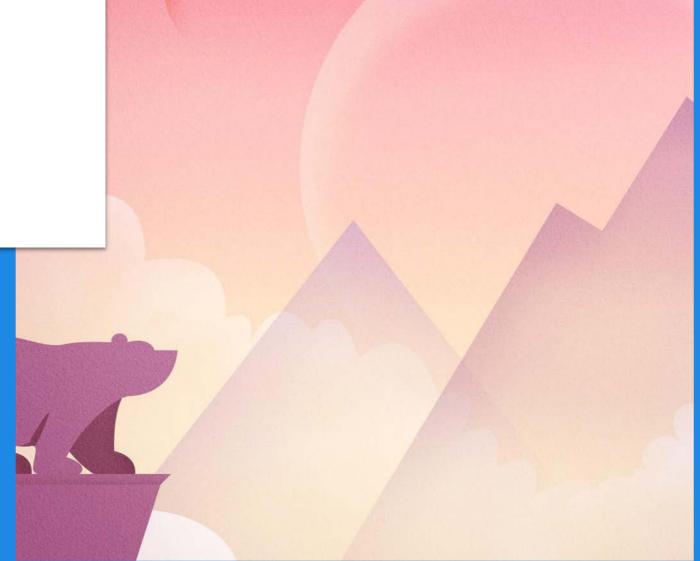
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## Inside Track 2020 Stratodesk

The fastest growing multiarchitecture EUC company in the world.





### **NoTouch GO**

NoTouch OS on the GO!

- Enable Remote Work
- Bring Your Own Device (BYOD)
- Lightweight shipping / Easy to ship
- Transportable license

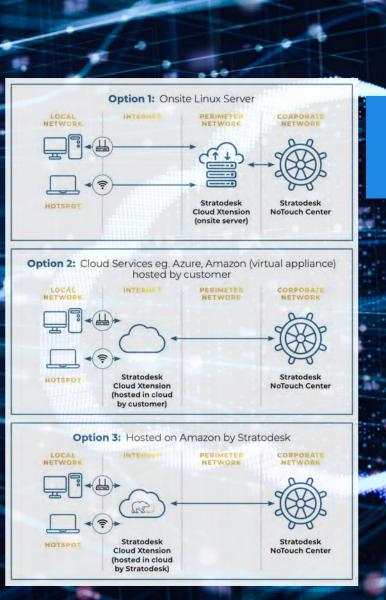




## Cascade Update

Direct peer update is when you want to update one device directly from an existing device.

- Client to Client Updating
- Organizations that have multiple site offices
- Peer Update NoTouch Center Manageable



# stratodesk

## **Cloud Xtension**

Stratodesk Cloud Xtension broadens NoTouch Center endpoint management through a standard internet connection to devices, wherever they are. With three easy implementation options, Cloud Xtension is the perfect solution to deliver easy connection to your mobile workforce.



## **NoTouch Cloud**

## Cloud hosted device management platform for secure administration of VDI and IoT devices.

- Speed of deployment
- Geographical zones
- Easily scalable



## Static Profiles and Dynamic Rules on NoTouch Center

With Static profiles you can assign group settings to multiple groups regardless of the hierarchy.

Dynamic Rules addresses a similar challenge but are evaluated based on a filter. This comes in handy if you, for example, have a certain hardware spread across the organization that would require a special setting.



## **Window Virtual Desktop**

#### **Recently Announced**

日本(1) 11:53 PM 3/5/2020 〇 Connect to WVD directly out of the box with NoTouch OS

The best way to consume Windows and Apps in Azure

Save money and time by managing all physical endpoints from one central location



#### Avaya – New Integration and Partnership

NoTouch software is also compatible with powerful call center communication solutions like Avaya, among others.

Call center employees are instantly set up to get their work done.





#### **Atrust – New Partnership**

Atrust

Continuing to expand our OEM Partnerships and Hardware Compatibility

An affordable price point, unmatched quality, and plenty of options are just a few of the reasons IT leaders choose Atrust hardware.





## **VPN Support**



- Cisco AnyConnect
- > OpenConnect
- ► F5
- CheckPoint
- ► Fortinet
- > OpenVPN
- ► Global Protect



**Microsoft Teams** 



#### **Microsoft Teams & Zoom Integration**

If you are currently using Skype for Business with Citrix Virtual Apps or Desktops or VMware Horizon, then there are tools like the Realtime Media Engine (Citrix) or the Virtualization Pack for Skype for Business (VMware) that will optimize audio and video directly between endpoints for one-to-one collaboration or online meetings, and we already support this feature.

NoTouch Desktop also supports Zoom video conferencing, as well as the Zoom Citrix Plugin.

t Teams

#### ft Teams



our work, Microsoft ount.

in in

yet? Learn more

for free

#### Collaboration



#### Microsoft Teams Optimization in Citrix Workspace app

#### **Continuing our ability to support Work From Home** users.

Stratodesk NoTouch Desktop now supports Microsoft Teams optimization in Citrix Virtual Apps & Desktops



Running either Skype for Business or Teams within a VDI environment can have an impact on both CPU & memory performance.

BRONZE	SILVER	GOLD	PLATINUM	
Unlimited	Unlimited	Unlimited	Unlimited	-
~	~	~	~	-
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Stratodesk offers varying support tiers, ensuring any organization can get the right level of support it needs to ensure a secure and powerful endpoint deployment.

#### **BRONZE | SILVER | GOLD | PLATINUM**



## **New Support Models**



### **Pay-as-You-Go Licensing**

**50 - 5,000 endpoints** /NoTouch Desktop for X86 and ARM 1-Month Duration **\$8.25** 

**5,001 – 20,000 endpoints** /NoTouch Desktop for X86 and ARM 1-Month Duration **\$7.75** 

**20,001 + endpoints** /NoTouch Desktop for X86 and ARM 1-Month Duration **\$6.50** 

\*50 license Minimum Requirement for Monthly Options. Requires 3-Month Minimum Duration to sign up. Upon completion of initial 3-Month Term.



#### **Thank You!**

To learn more about Stratodesk software, visit our website and download our free trial!

# THE INSIDE TRACK FOR EUC/VDI VIPS

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**ThinPrint**<sup>®</sup>



### Printing In The Modern Workplace Henning Volkmer, President & CEO, ThinPrint, Inc.



#### ThinPrint, 20 Years of Experience, Unlimited Future

- > 30,000 customers
- > 126 countries
- > up to 200,000 users
- > 100% focus on printing





#### ezeep, The Future of Printing

- > The Only Fully Cloud-Based Strategy for Printing
- > Streamlined User Experience and Productivity
- > Significant Cost Savings
- > Enhanced Print and Network Security
- > Seamless Cloud Mobile Printing
- > Support for All Printers
- > Advanced Admin Control
- > Cloud Print Strategy and Offerings for the Channel





#### **No More Print Servers**

- > Save costs, support branch offices and WFH
- > Centralized print servers are replaced by Cloud Rendering
- > print server in the cloud: min. US\$280 /month
- > Costs for storage and data transfer not included
- > Branch print servers are replaced by the ezeep Hub
- > On-prem print server: min US\$ 2500 every 5 years + failover + maintenance
- > Windows IT-Administrator: US\$60+/hour





#### ezeep, The Secret Sauce **Q**= ទ ezeep ß HUB ezeep Connecto ezeep Hub ezeep printApp •• =



#### **BRAND-NEW AT DISRUPT**

- > ezeep is fully integrated in IGEL OS
- > Complete, OS-Level integration
- > Every device with IGEL OS incl. UD Pocket
- > Supports WIFI/Ethernet and USB Printers
- > Minimal configuration necessary
- > User is logged in automatically as part of WVD Login
- > Perfect for offices, branch offices, WFH, Hybrid Work

6	till/®
2	CENTRA



## DEMO

#### ezeep? ezeep!

- > The Only Fully Cloud-Based Strategy for Printing
- > Fully Integrated into IGEL OS
- > Streamlined User Experience and Productivity
- > Significant Cost Savings
- > Enhanced Print and Network Security
- > Seamless Cloud Mobile Printing
- > Support for All Printers
- > Advanced Admin Control
- > Cloud Print Strategy and Offerings for the Channel





## **Thank you!**

Henning Volkmer President & CEO, ThinPrint, Inc. <u>henning.volkmer@thinprint.com</u> +1 303 487 1302

## The Inside Track – Thanks

- The first 50 people who attend today's session will receive a gift box in the mail with the following items courtesy of our sponsors:
  - T-shirt
  - Charging Station
  - Tervis Tumbler
  - Collector Pin
  - Stickers

# THE INSIDE TRACK FOR EUC/VDI VIPS

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