



IGEL & Nerdio: Now & Next

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The end user computing landscape



CAPEX
vs. OPEX



Migration from
traditional VDI



Cloud endpoints

Windows experience
from the cloud



Windows 10 EoL

Still more than 66%* of
organizations use Win10



Security

Zero trust, resilience,
risk mitigation



UEM & UAM

Cohesive endpoint/app
management



Copilot & AI

AI-powered productivity
on any device



Simplify IT

Operation, management,
scale, efficiency



**Simplified
Management**



Security & Resiliency



**Cost Savings &
Optimizations**



Sustainability



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Management**



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Sustainability

Our focus

Our offering

The Secure Endpoint OS for Now & Next

Solving today's problems
and built for the future

What does IGEL do?

- IGEL is a secure, read-only Linux based OS
- IGEL OS replaces Windows at the endpoint
- IGEL is designed for ent. browser, SaaS, DaaS and VDI
- IGEL protects against endpoint ransomware attacks
- IGEL eliminates the need for endpoint security agents
- IGEL extends the lifecycle of existing hardware
- IGEL integrates with conditional / contextual access
- IGEL has a broad partner eco system



Reduce endpoint TCO by
up to 75%

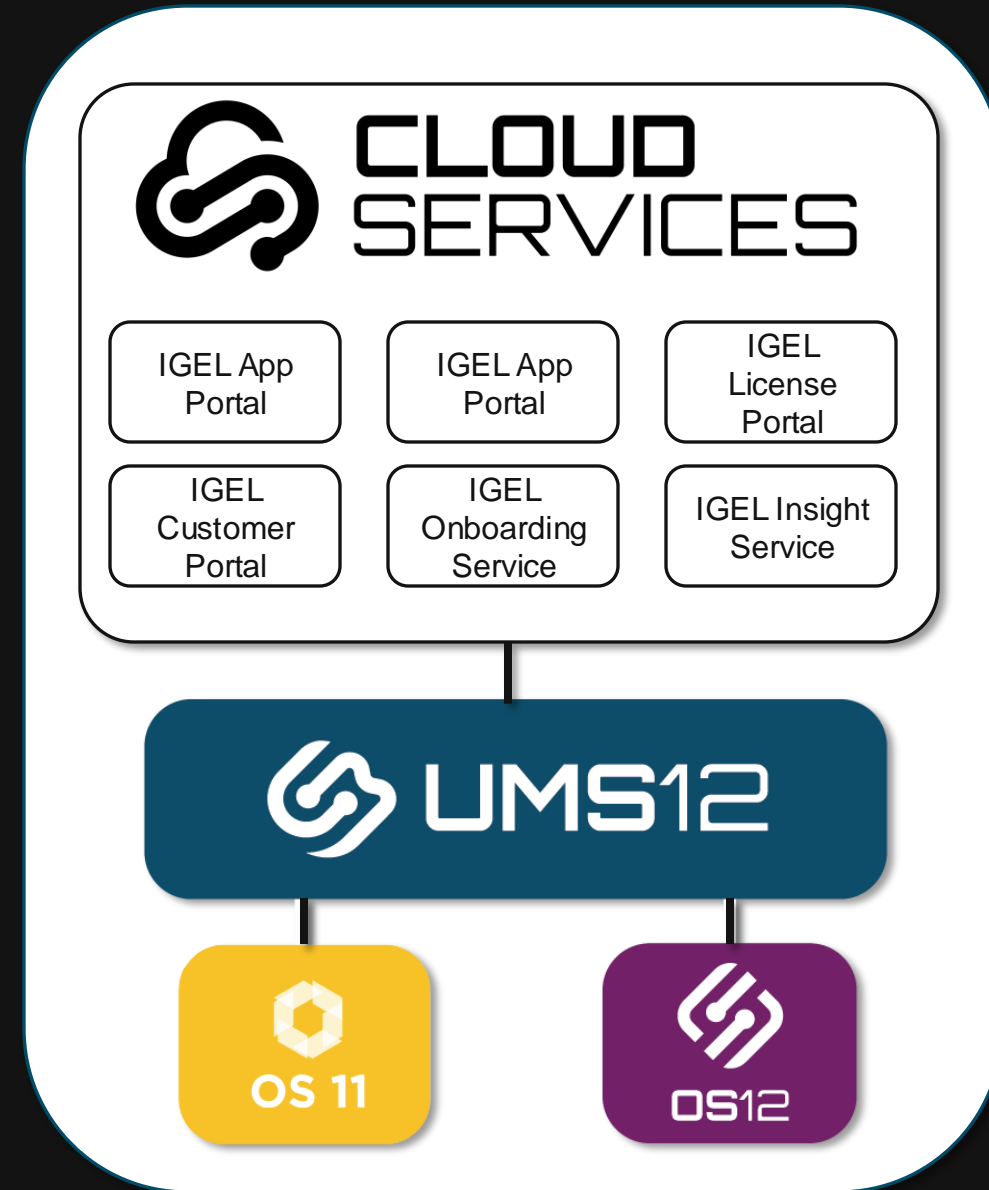
Reduce endpoint attack
surface by up to 95%

Move to Windows 11 in
the cloud with existing
hardware

Minimize e-waste for
CSRD reporting

IGEL OS Platform

- New modular design OS12
- Application Store for home-grown and third party IGEL Ready applications
- Onboarding service configures device from any location
- UMS management available to off-network devices
- Customer Portal provides latest updates
- Scalable to hundreds of thousands of clients



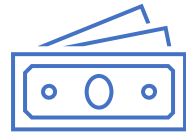


Manager for Enterprise

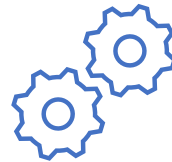
Modern, unified management platform for
Microsoft Cloud and physical endpoints



**Accelerate
deployments**



**Minimize
costs**



**Reduce
complexity**



Azure Virtual
Desktop



Windows 365



Azure Stack
HCI



Microsoft
Intune

SEARCH

FILTER BY TYPE

- Multi user desktop (pooled) (6)
- Multi user RemoteApp (pooled)
- Single user desktop (pooled) (0)

FILTER BY RESOURCE GROUP

NAME ⓘ	FRIENDLY NAME ⓘ	DESKTOP EXPERIENCE ⓘ	STATUS ⓘ	AUTO-SCALE ⓘ	HOST DETAILS ⓘ	MONTHLY SAVINGS & COSTS ⓘ
DublinPool <no description> (NME-AVD-Resources) (NME Demo Workspace)	DublinPool	Multi user desktop & RemoteApp (pooled) Depth first load balancing Max session limit: 4 Avg Peak users/CPU: 0.0 0.0 ⓘ	User sessions: 0 Assigned users: 4 Assigned groups: 0 Hosts: 0 ON / 1 (CPU: 4)	Default	Trusted-01 Running disk: Premium SSD	Insufficient data ⓘ
GavCSingleSession GavCSingleSession (NME-AVD-Resources) (NME Demo Workspace)	GavCSingleSession	Single user desktop (personal) Assignment Type: Automatic Avg Peak users/CPU: 0.0 0.0 ⓘ	User sessions: 0 Assigned users: 1 Assigned groups: 0 Hosts: 0 ON / 1 (CPU: 4)	Default OFF	Running disk: Standard SSD Stopped disk: Standard SSD	Insufficient data ⓘ
GavCTest <no description> (NME-AVD-Resources) (NME Demo Workspace)	GavCTest	Multi user desktop (pooled) Breadth first load balancing Max session limit: 4 Avg Peak users/CPU: 0.0 0.0 ⓘ	User sessions: 0 Assigned users: 1 Assigned groups: 0 Hosts: 1 ON / 1 (CPU: 4)	Default Scale trigger: up to 1 available Pre-stage 1 hosts @ 8:00am	Windows 11 (22H2) AVD D2as_v5 (2C & 8GB) Running disk: Standard SSD Stopped disk: Standard HDD	Monthly savings: \$58.00 (68.81%) ⓘ Named user cost: \$26.29/month ⓘ
hansistheman <no description> (NME-AVD-Resources) (NME Demo Workspace)	hansistheman	Multi user desktop (pooled) Breadth first load balancing Max session limit: Unlimited (999,999) Avg Peak users/CPU: N/A N/A ⓘ	User sessions: 0 Assigned users: 5 Assigned groups: 0 Hosts: 0 ON / 0 (CPU: 4)	Default OFF	Windows 11 (23H2) AVD D2as_v5 (2C & 8GB) 128 GB (E10/Standard SSD)	Insufficient data ⓘ
MU-UKSouth Multi-Session for UK South (NME-AVD-Resources) (NME Demo Workspace)	MU-UKSouth	Multi user desktop (pooled) Breadth first load balancing Max session limit: 5 Avg Peak users/CPU: N/A N/A ⓘ	User sessions: 0 Assigned users: 1 Assigned groups: 0 Hosts: 0 ON / 0 (CPU: 4)	Default	Windows 11 AVD + Office ProPlus D2as_v5 (2C & 8GB) 128 GB (E10/Standard SSD)	Insufficient data ⓘ
Multi Session Pool <no description> (NME-AVD-Resources) (NME Demo Workspace)	Multi Session Desktop	Multi user desktop (pooled) Depth first load balancing Max session limit: 3 Avg Peak users/CPU: 0.0 0.0 ⓘ	User sessions: 0 Assigned users: 1 Assigned groups: 0 Hosts: 0 ON / 2 (CPU: 4)	Default Min CPU Capacity: 3 Scale trigger: up to 1 available below 0 Scale in trigger: shutdown after 10 minutes	Windows 11 AVD + Microsoft D2as_v4 (2C & 8GB) Running disk: Premium SSD Stopped disk: Standard HDD	Monthly savings: \$166.35 (94.67%) ⓘ Named user cost: \$94/month ⓘ Concurrent user cost: \$9.37/month ⓘ Monthly active user cost: \$9.37/month ⓘ
Multi-RemoteApp-		Multi user RemoteApp			Windows 11 AVD + Microsoft	

Nerdio – Get the best from Azure

Take full control:

- Right Size your AVD Environment
- Evergreen Patch Management
- Cost Management & Reporting
- Unified Application Management

Simplified Management & Automation:

- Host Pools
- Desktop Images
- Applications
- Endpoints
- Storage
- Identity
- PowerShell Scripts

Policy Driven:

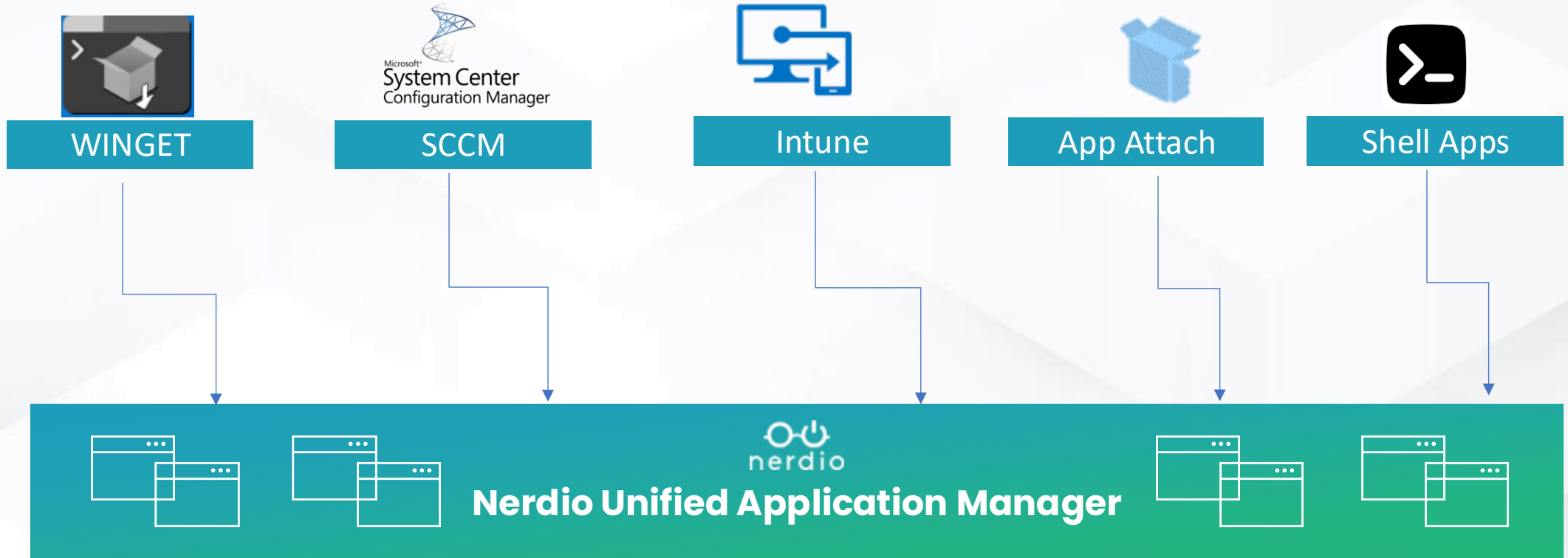
- Full Role Based Access
- Granular AVD Autoscaling policies
- RDP Policy Templates
- Intune Compliance & Conditional Access

- DASHBOARD
- MY CUSTOM VIEWS
- HOST POOLS
- WORKSPACES
- ENDPOINTS
- DESKTOP IMAGES
- APPLICATIONS
- SCRIPTED ACTIONS
- MONITORING
- STORAGE
- RBAC ROLES
- NOTIFICATIONS
- LOGS
- ADVISOR
- SETTINGS
- UPDATES

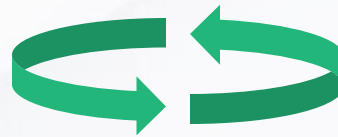
Nerdio Unified Application Management



Manager
for Enterprise

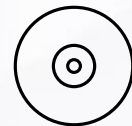


DEPLOY



UPDATE

Microsoft Intune
Managed



Master
Images



Physical
Endpoints



Virtual
Machines



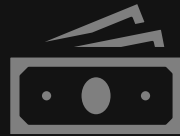
Cloud PC



**Simplified
Management**



Security & Resiliency



**Cost Savings &
Optimizations**

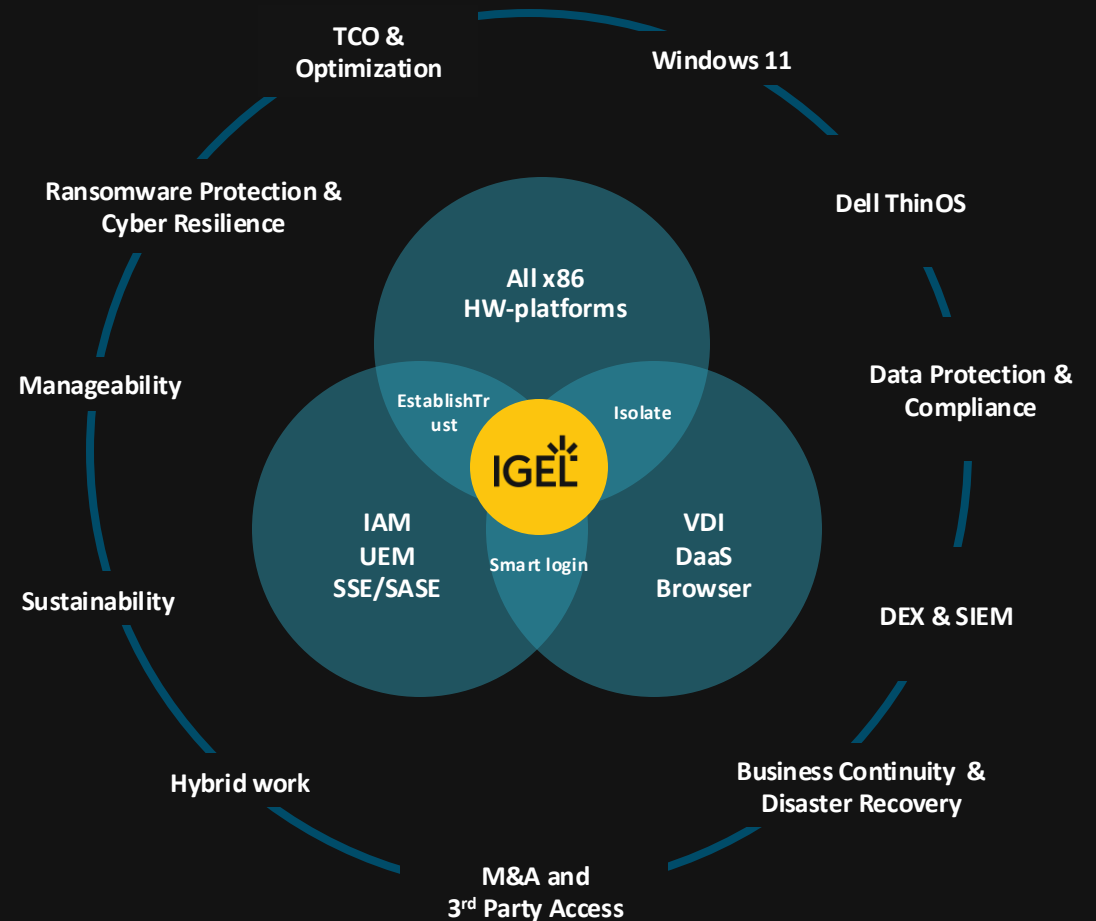


Sustainability

IGEL Preventative Security Model™ (PSM)

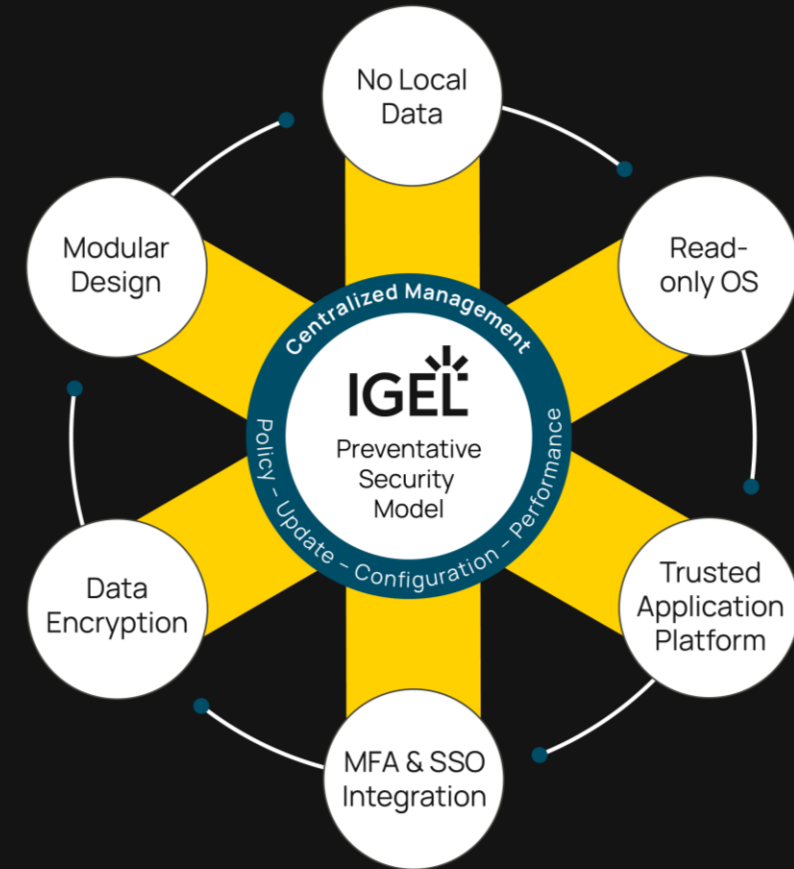
PSM enables:

- Integration with modern application delivery strategy
- Integration with Zero Trust security solutions
- Ship from factory with leading hardware providers
- Eliminate endpoint ransomware
- Entra ID, Workspace One CA & SSO
- Conditional/Contextual AC
- Smartcard: Imprivata/90M

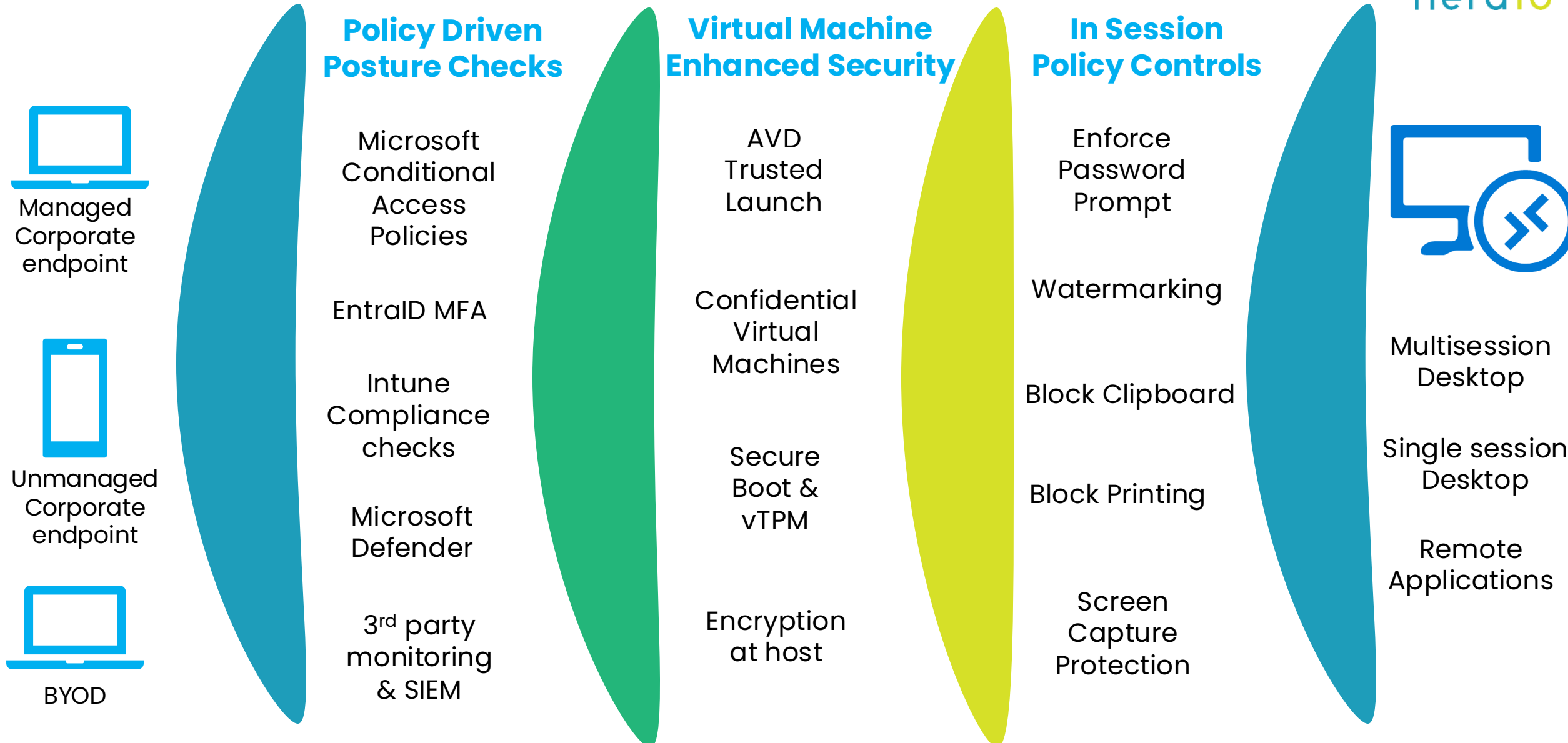


IGEL Preventative Security Model - Core

- Replaces monitor detect remediate
- Removes the need for a complex security stack
 - AV, EDR, XDR, DLP, VPN etc.
- Removes the vulnerabilities targeted by hackers
- Minimizes the attack surface



Enhance your Secure Access Strategy for AVD



Policy Driven Posture Checks

Microsoft Conditional Access Policies

EntraID MFA

Intune Compliance checks

Microsoft Defender

3rd party monitoring & SIEM

Virtual Machine Enhanced Security

AVD Trusted Launch

Confidential Virtual Machines

Secure Boot & vTPM

Encryption at host

In Session Policy Controls

Enforce Password Prompt

Watermarking

Block Clipboard

Block Printing

Screen Capture Protection



Managed Corporate endpoint



Unmanaged Corporate endpoint



BYOD



Multisession Desktop

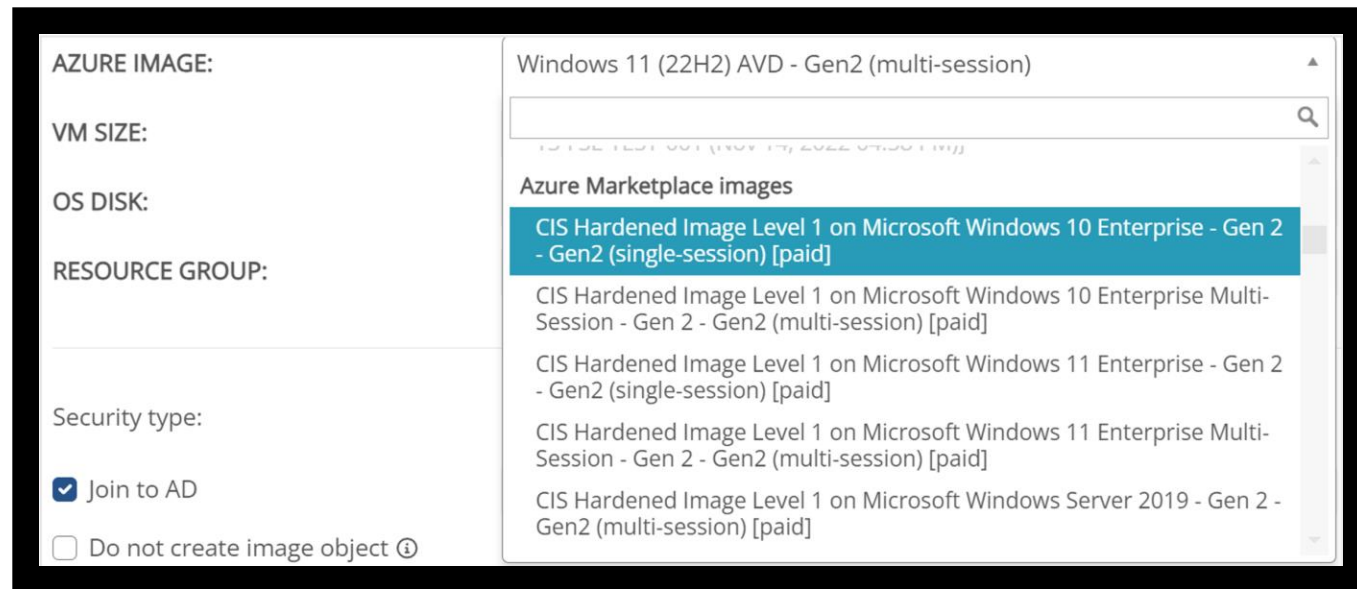
Single session Desktop

Remote Applications

Azure Virtual Desktop is built on Microsoft Azure bringing the best security controls across the technology stack to your virtualization solution. By sandboxing the applications away from the endpoint, it allows for a secure & cost-effective access strategy for your applications

Nerdio partners with CIS to provide hardened images

- The **Center for Internet Security (CIS)** is a non-profit entity whose mission is to **'identify, develop, validate, promote, and sustain best practice solutions for cyber defense.'**
- Nerdio adds the ability for customers to do in place updates & patching to CIS images





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Security & Resiliency



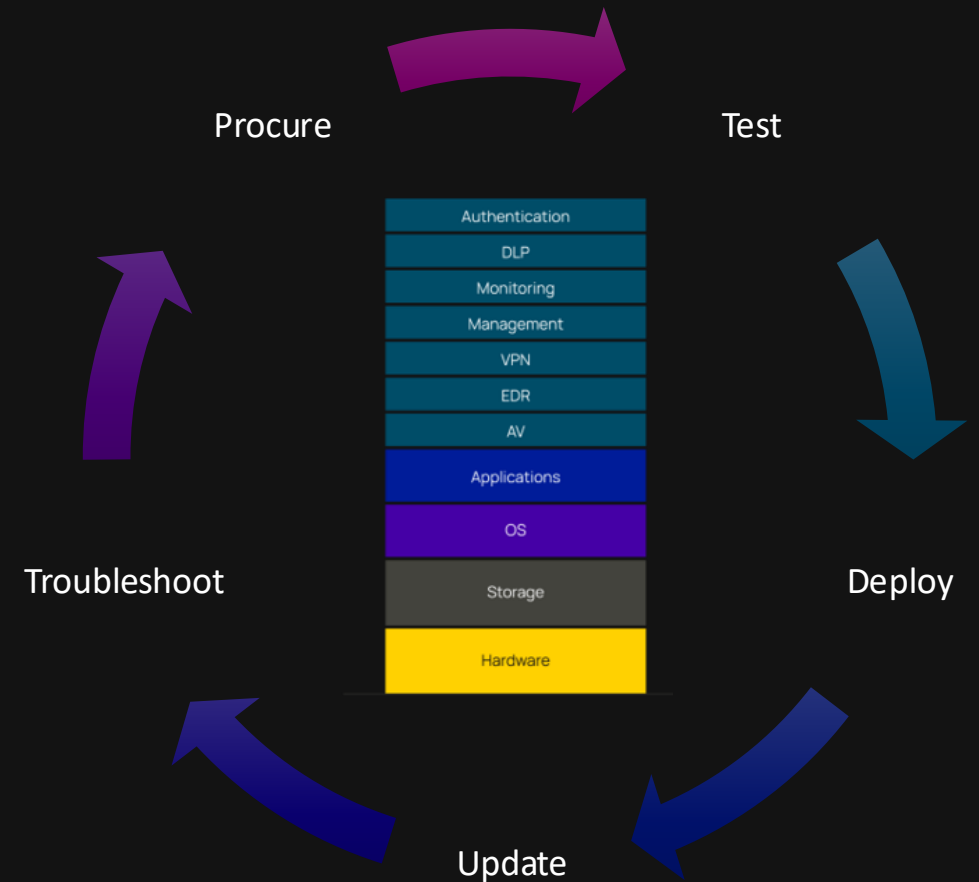
**Cost Savings &
Optimizations**



Sustainability

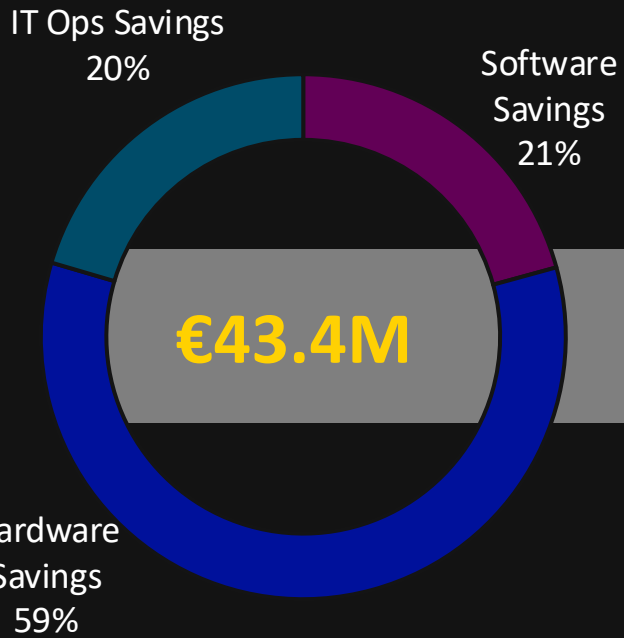
TCO – Before IGEL

- Expensive hardware replaced every 3 – 5 years
- Expensive evolving security software stack
- Expensive operating costs managing security and OS upgrades, patches, troubleshooting
- Impact on increasingly important Environmental, Social and Governance (ESG) or Corporate Sustainability Reporting Directive (CSRD) reporting

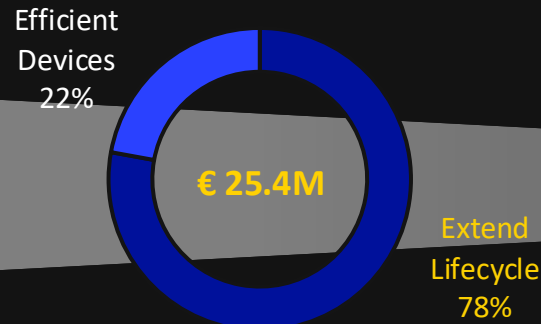


80% Cost Savings – ROI 12 months – 20,000 endpoints, 5 yrs

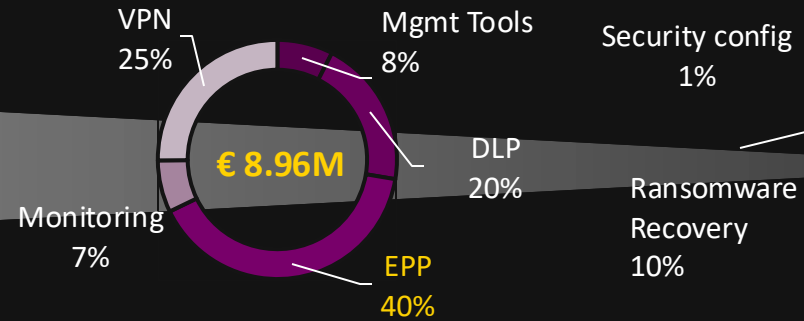
Savings



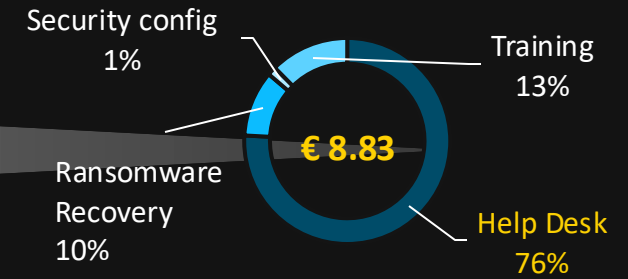
Hardware



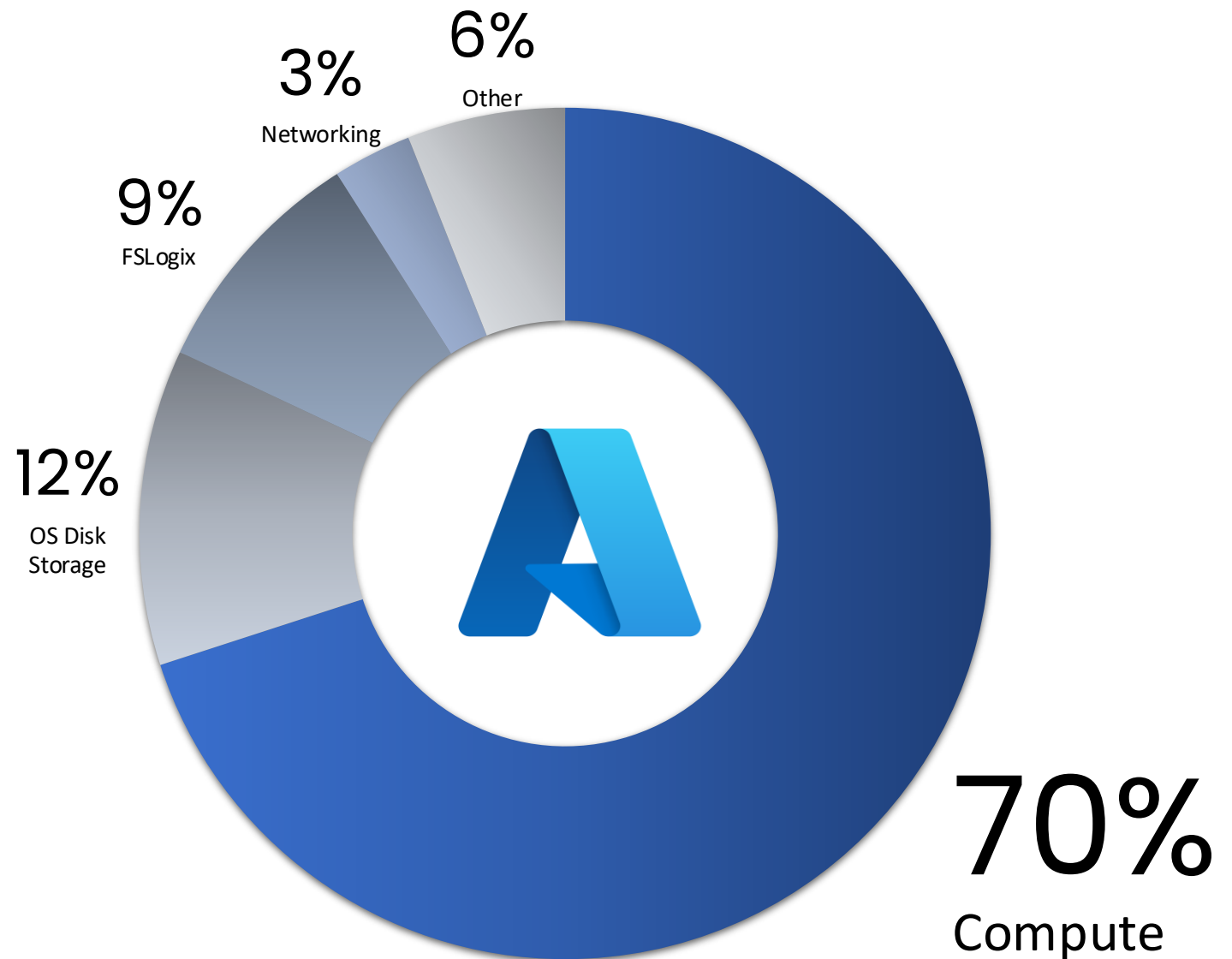
Software



IT Ops

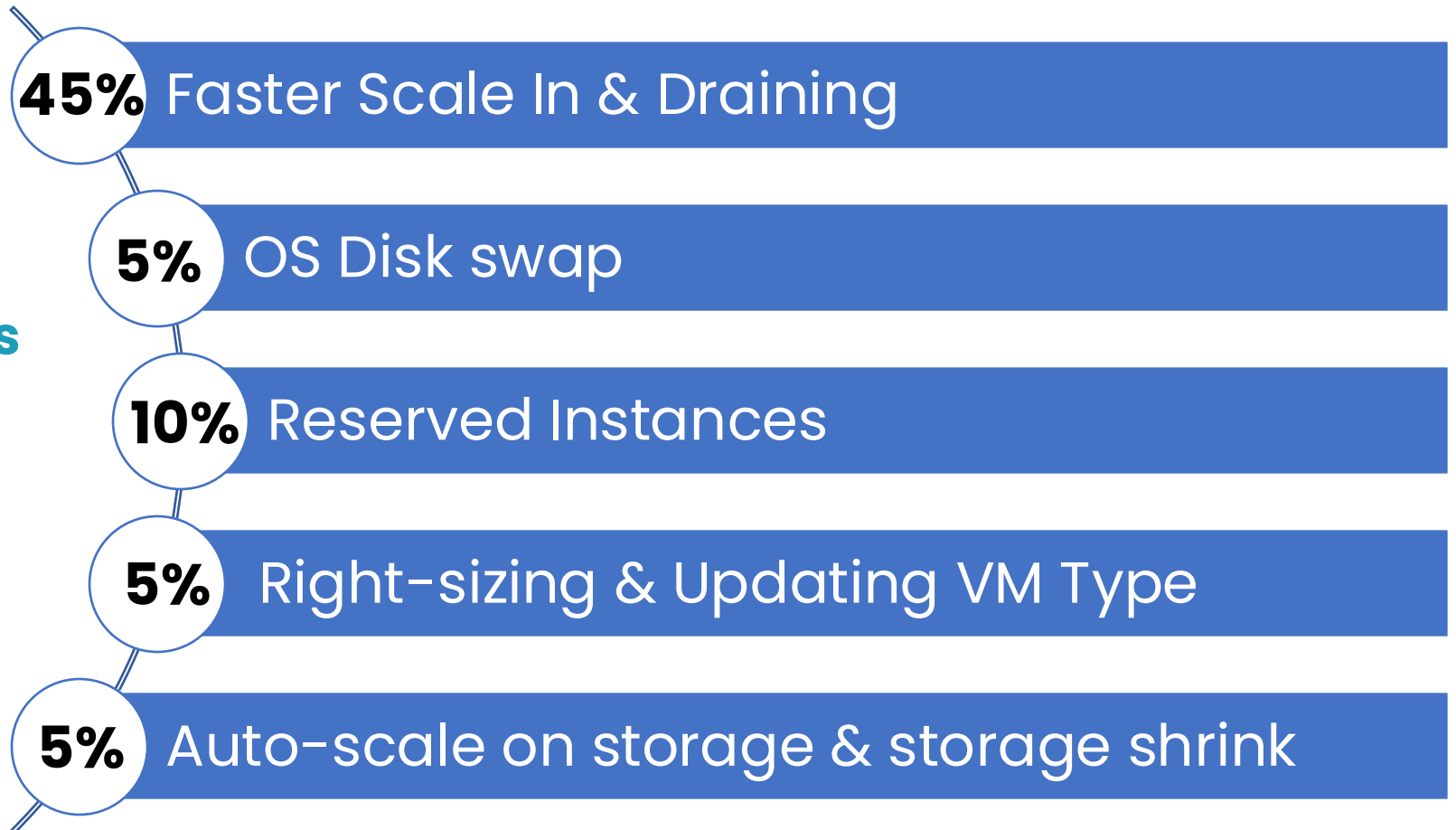


What are the typical Azure Virtual Desktop costs?



Cost Reduction Strategies for Azure Virtual Desktop

Save 35-70% on compute, storage and other cloud costs





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Sustainability

Sustainability

27% of Windows 10 Devices cannot be upgraded to Windows 11.

For a 5,000 endpoint organization simply IGEL'ing those devices would save



3.1 tons
e-waste



Use 11,300
kWH/y
electricity



Avoid 320
tCO2e



Euro
615,400

Save **1.9million** combustion engine km
47 times around the world
14,643 trees

Data Centre carbon emissions
are between **2.5% & 3.7%** of
total worldwide emissions.
Higher than aviation

Hyper scaler Data Centre is **3x**
more efficient than local DC

Sustainability

Moving from on-Premises VDI
to Cloud VDI changes emissions
from **Scope 2 to Scope 3**

Autoscale technology is key to
reduce Scope 3 emissions
Saving **10-15%** of overall emissions





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Sustainability

Next

Nerdio Endpoint Management: Now supporting even more platforms

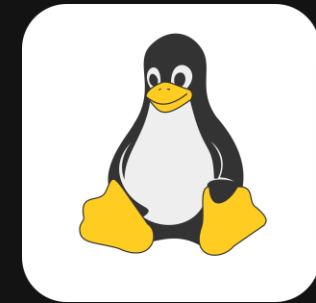
Today:



Coming soon:



Future:



Join us November 21st

Churchill War Rooms

King Charles St, London SW1A 2AQ, United Kingdom

EUC reimagined — Future-proofing the IT ecosystem for healthcare and the public sector

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Thank You

