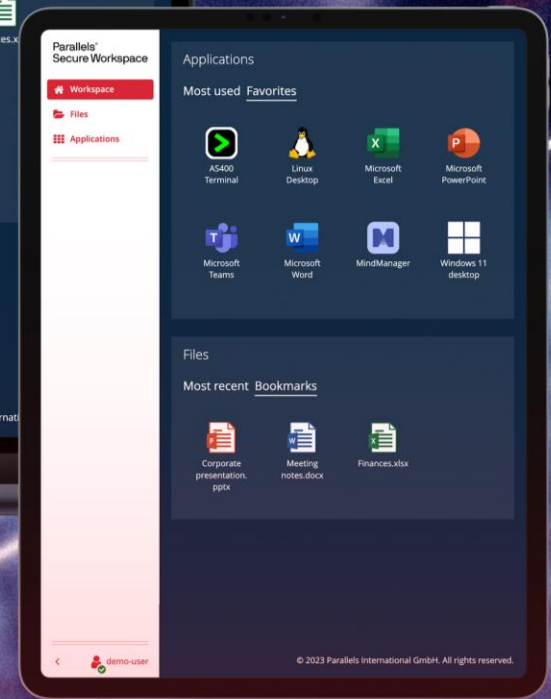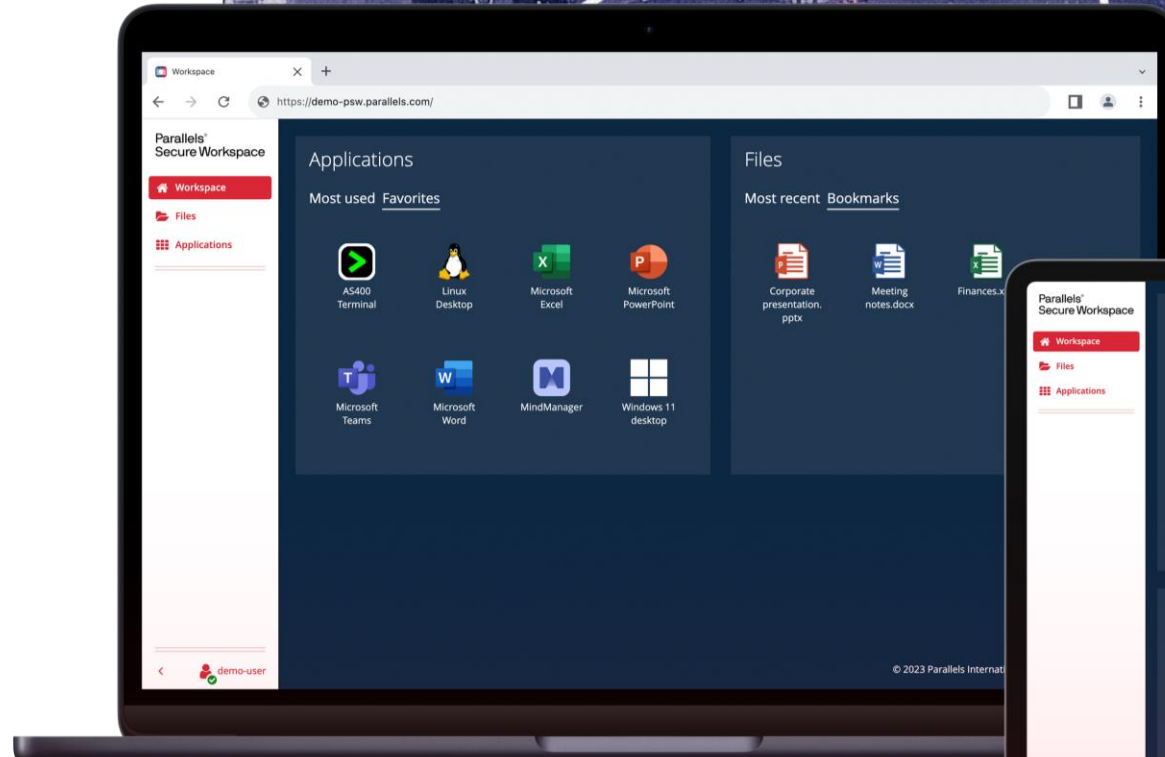# Zero-trust security with Parallels Awingu

About Parallels

Since 1999, Parallels has pioneered virtualization solutions.

- Focus on simplicity and flexibility
- Global presence and worldwide adoption

Parallels® Enabled by **Alludo**™

Key Parallels products:

Parallels® RAS	Parallels Awingu	Parallels® Desktop
All-in-one remote application and desktop (VDI) delivery solution, providing secure access from any device.	Enable secure access to applications, desktops, and files with a unified browser-based workspace.	Fast and powerful solution for running guest virtual machines on Mac or ChromeOS devices.

ZERO TRUST
What is it?

"Zero trust (ZT) is the term for an evolving set of cybersecurity paradigms that move defenses from static, network-based perimeters to focus on users, assets, and resources."

Source: NIST 800-207

January 26, 2022

M-22-09

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES

FROM: Shalanda D. Young
               Acting Director

SUBJECT: Moving the U.S. Government Toward Zero Trust Cybersecurity Principles

What is Zero Trust Architecture?

Bottom Line: ***<u>Trust nothing and no one</u>*** on your network(s)

- Trust is never granted implicitly but must be continually evaluated when accessing data, applications, compute, etc. even after initial network access granted
- Assumes an attacker is present in the environment
- Must continually analyze & evaluate risks to assets and business functions and then enact protections to mitigate these risks
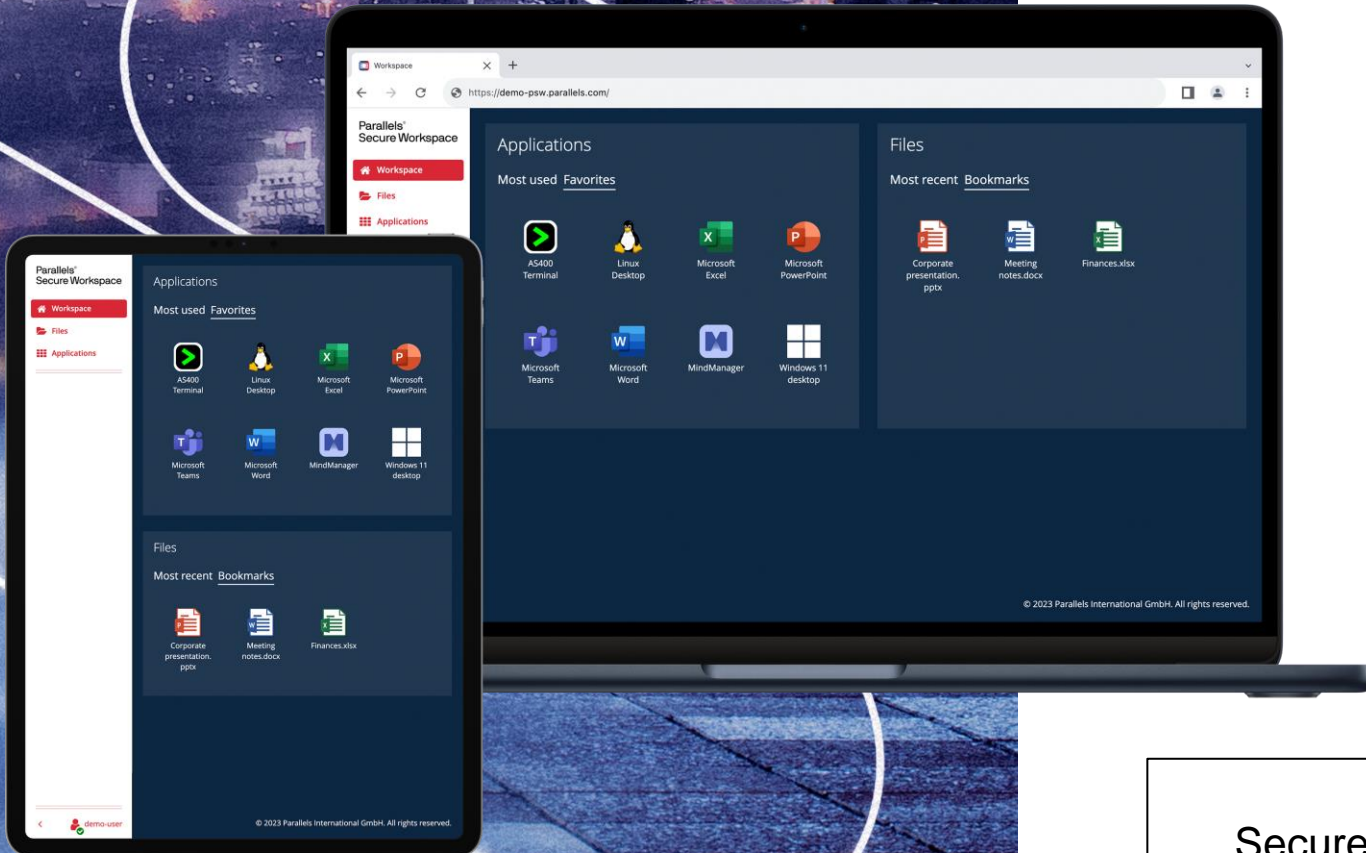- **There is no single vendor solution**

Dr. Chase C Cunningham

What is Parallels Awingu?

Unified user workspace

Parallels Awingu

Secure remote access to enterprise resources

Parallels Awingu

Any resource

- Apps: legacy, web, SaaS apps
- Desktops: local and virtualized Windows or Linux
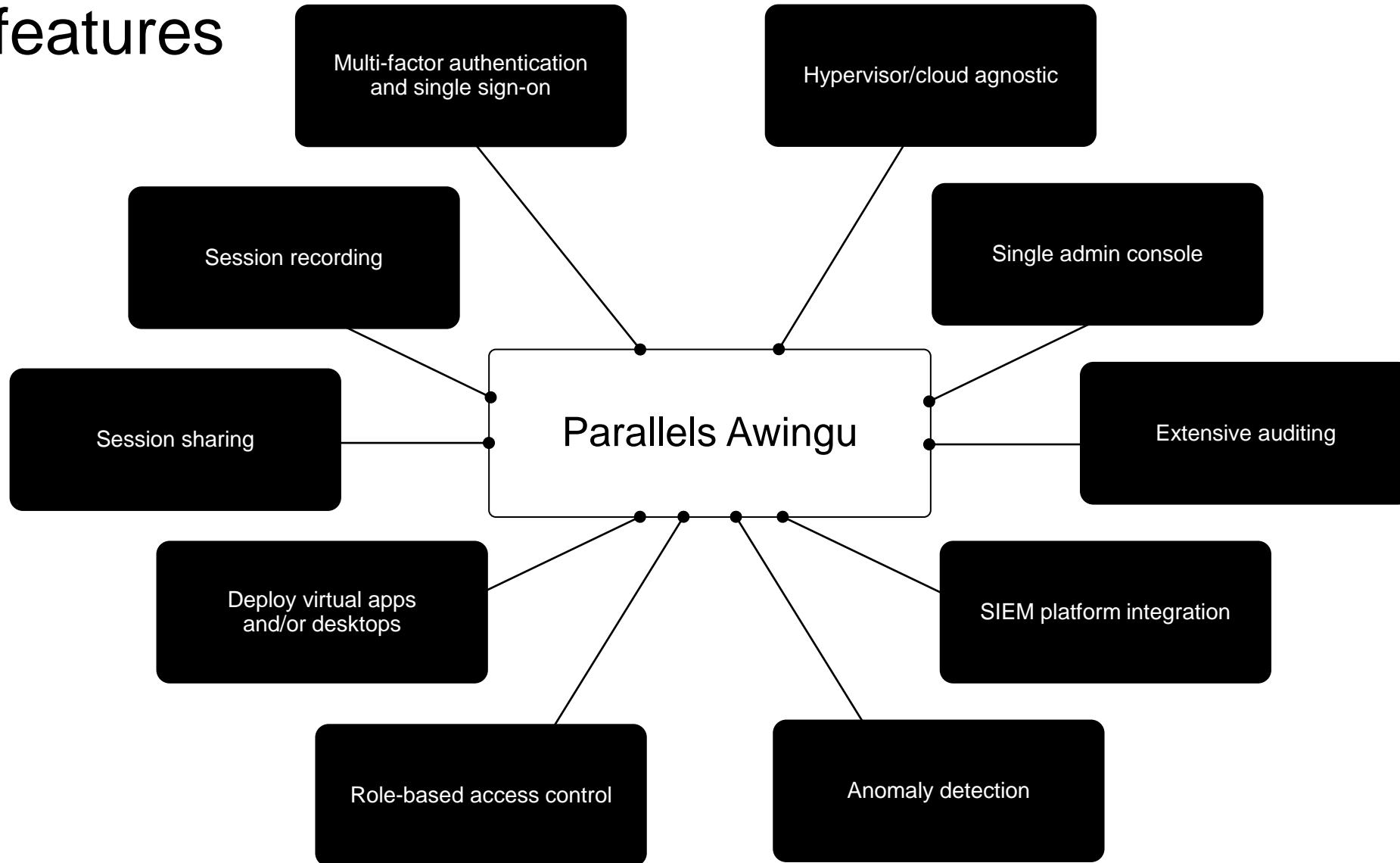- Files: share and manage

Any platform

- On-premises
- Private cloud
- Public cloud
- Hybrid

Any device

- Access from any browser on any device
- Ideal for BYOD environments

Key features

Multi-factor authentication and single sign-on

Hypervisor/cloud agnostic

Session recording

Single admin console

Session sharing

Parallels Awingu

Extensive auditing

Deploy virtual apps and/or desktops

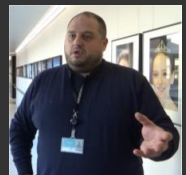SIEM platform integration

Role-based access control
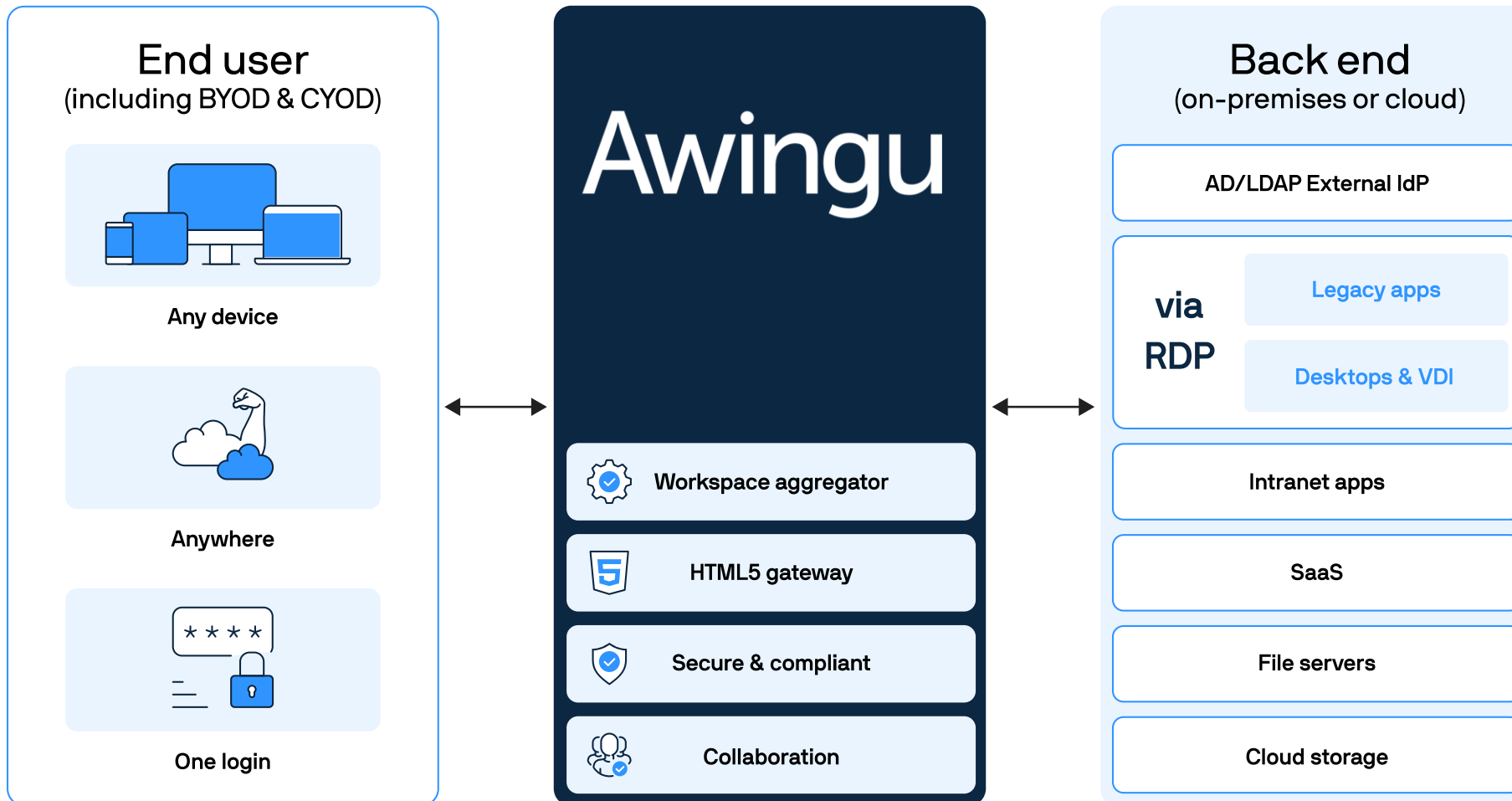
Anomaly detection

10/3/2023

"It's an easy-to-use product. You don't need to install or update agents or clients, you effortlessly log in to the workspace to access our internal systems via a web portal which is a big plus for our users in the day-to-day maintenance and use of our systems."

Kurt Gielen
ICT Operations Manager,
Ziekenhuis Oost-Limburg Hospital

Parallels Awingu all-in-one architecture

Awingu

End user
(including BYOD & CYOD)

Any device

Anywhere

One login

- Workspace aggregator
- HTML5 gateway
- Secure & compliant
- Collaboration

Back end
(on-premises or cloud)

AD/LDAP External IdP

via RDP
- Legacy apps
- Desktops & VDI

Intranet apps

SaaS

File servers

Cloud storage

Quick Demo on how Parallels Awingu can help prevent breaches

10/3/2023

Questions you may still have? Please join us at the Prodata booth for more detailed conversions!

Simplicity	Security	Auditing	User Experience

Simplicity

How easy is administration?

Is Awingu suitable for my enterprise?

Will admins find it robust in functionality yet easy to administer?

Security

How can security be addressed?

What protocols and security measures are built into Awingu?

Does it detect system anomalies?

Auditing

How are user activities audited?

Can SIEM platforms such as Splunk be used for auditing?

Is it possible to record user sessions?

User Experience

How complicated is Awingu for users?

Can users and administrators quantify the user experience?

Do users have insight into network and system status?

10/3/2023

Thank you!