The Rise and Risk of Cloud and SaaS Apps: How to Keep Your Organization Protected when transitioning mission-critical applications to the Cloud

VNSG FOCUS ONLINE

2023 | Pedro Perez | Onapsis

AGENDA

- Intro: What I’m going to talk about and what not
- Cloud, SaaS: What they REALLY mean?
- What can we do?
- Case Study
- Questions
- Wrap up

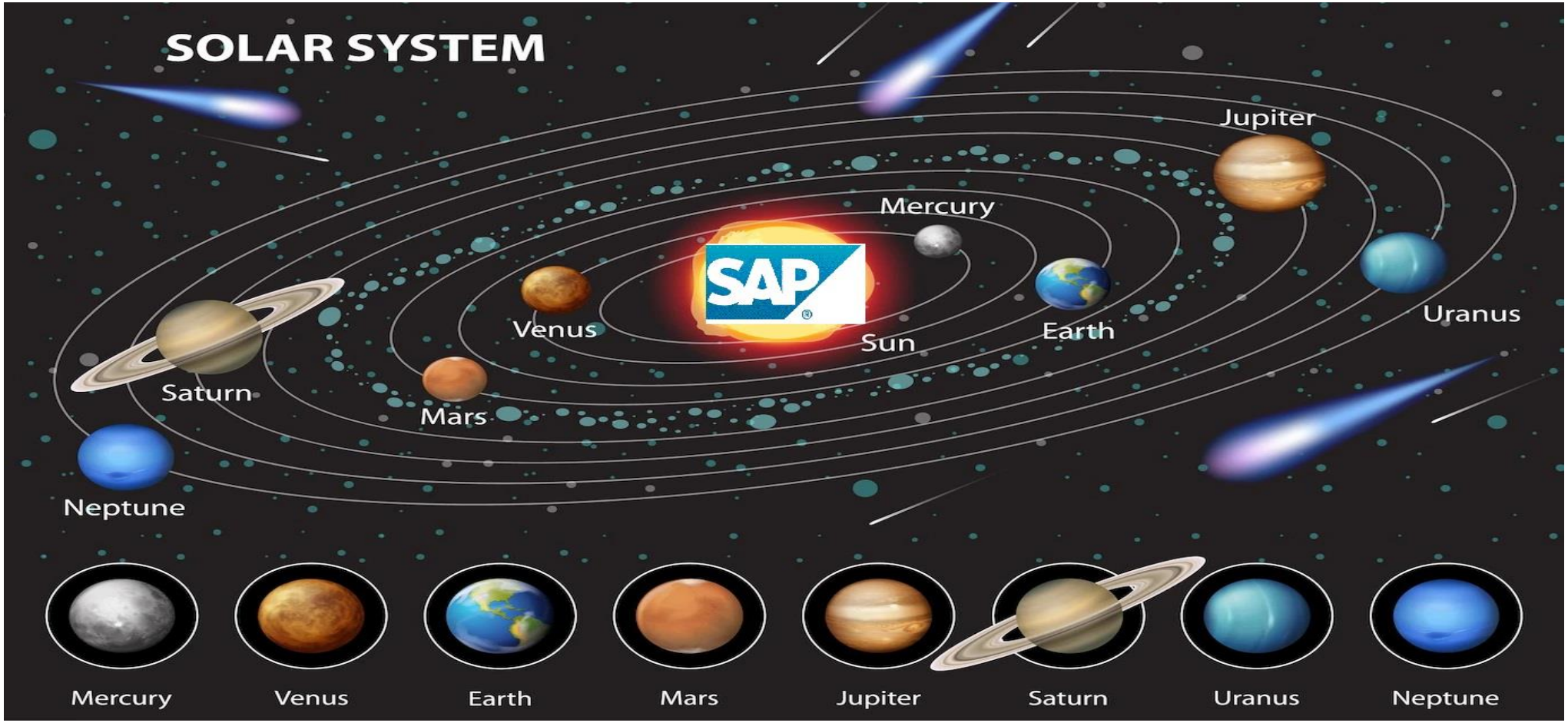
ONAPSIS INC. | ALL RIGHTS RESERVED

Intro

ONAPSIS INC. | ALL RIGHTS RESERVED

Cloud, SaaS: What they REALLY mean?

ONAPSIS INC. | ALL RIGHTS RESERVED



Cloud & SaaS: Different stakeholders = Different goals & expectations

ONAPSIS INC. | ALL RIGHTS RESERVED

Implications

- 🤔 Shared Responsibility Model for Security
- 😱 Increase of attack surface
- 😱 Lack of visibility (and therefore, control)

ONAPSIS INC. | ALL RIGHTS RESERVED

Shared Responsibility Model for Security

Security OF the Cloud vs Security IN the Cloud

=

Cloud Service Provider vs Cloud Customer

ONAPSIS INC. | ALL RIGHTS RESERVED

Shared Responsibility Model for Security

The Million Dollar Statement:

“My Cloud Service Provider takes care of …….”

Oh Really??

ONAPSIS INC. | ALL RIGHTS RESERVED

Increase of attack surface

What you think you have…..

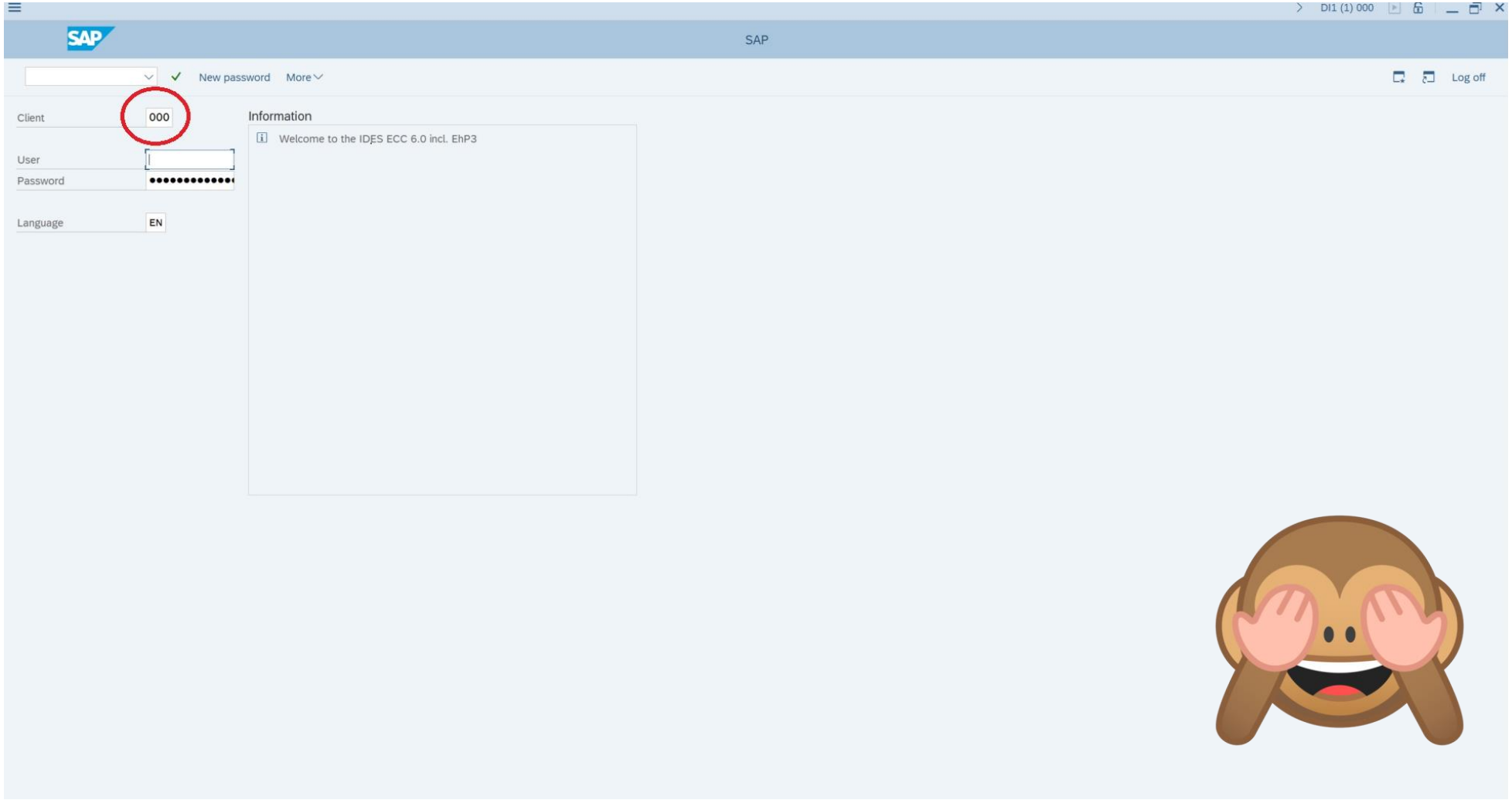
ONAPSIS INC. | ALL RIGHTS RESERVED

Increase of attack surface

What you really have

ONAPSIS INC. | ALL RIGHTS RESERVED

Lack of visibility



ONAPSIS INC. | ALL RIGHTS RESERVED

What can we do?

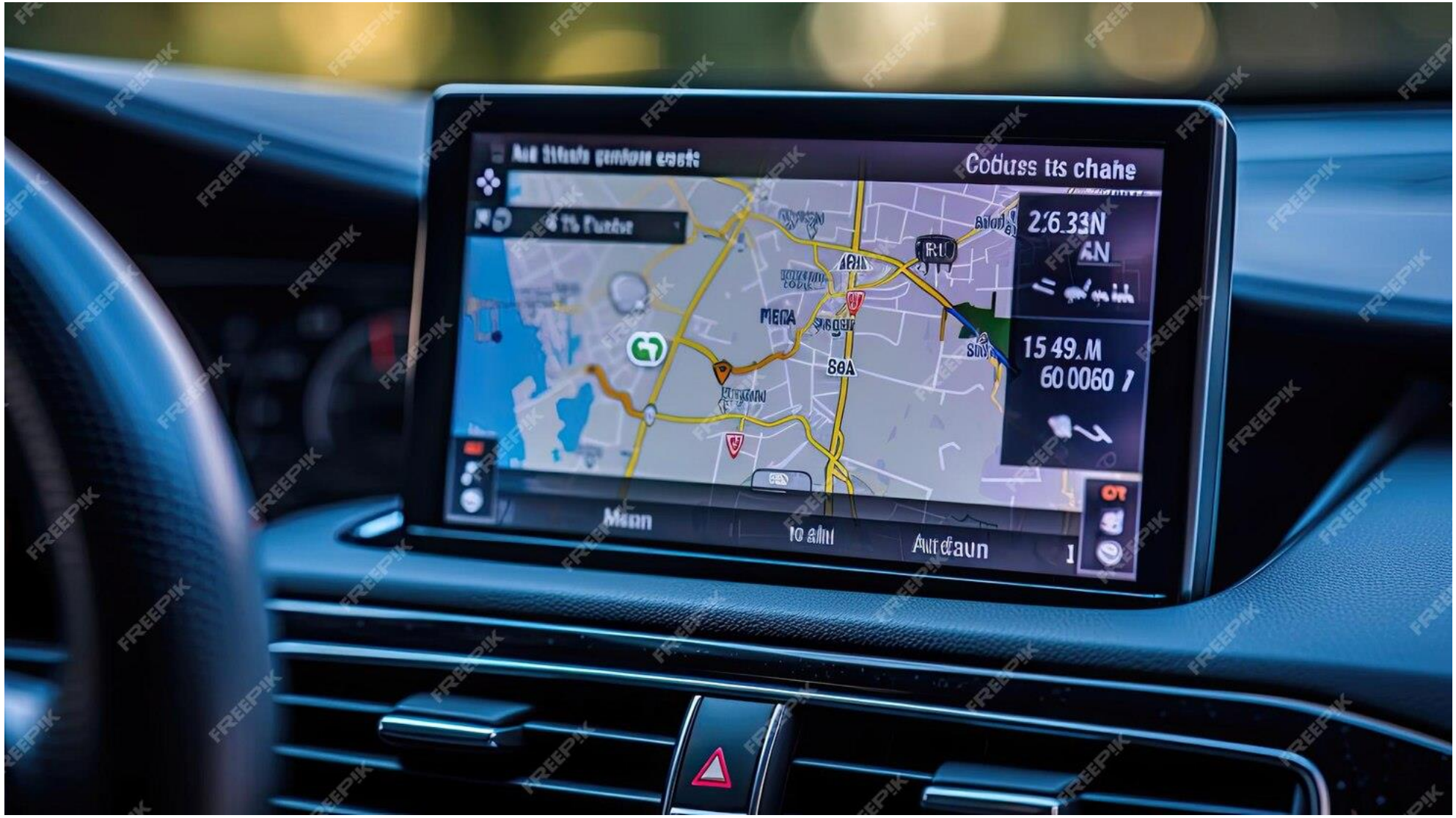
ONAPSIS INC. | ALL RIGHTS RESERVED

TRUST BUT VERIFY

ONAPSIS INC. | ALL RIGHTS RESERVED

Include Security from the very beginning

ONAPSIS INC. | ALL RIGHTS RESERVED



ONAPSIS INC. | ALL RIGHTS RESERVED

Automate

How are you…

- Checking for vulnerabilities and missing patches?
- Reading logs and monitoring SAP?
- Reviewing Custom Code?
- Keeping up to date?

ONAPSIS INC. | ALL RIGHTS RESERVED

Integrate

With...

Existing processes and Tools (SIEM, Ticketing Systems, email, ...)

Break silos

ONAPSIS INC. | ALL RIGHTS RESERVED

Case Study

ONAPSIS INC. | ALL RIGHTS RESERVED

Questions?

ONAPSIS INC. | ALL RIGHTS RESERVED

Wrap up

ONAPSIS INC. | ALL RIGHTS RESERVED

Wrap up

- Remember: Cybersecurity is a continuous ongoing process.
- TRUST BUT VERIFY.
- Include Security from the very beginning
- Automate
- Integrate

ONAPSIS INC. | ALL RIGHTS RESERVED

THANK YOU

@onapsis

linkedin.com/company/onapsis

ONAPSIS.COM

ONAPSIS