



LRS Output Management

Time is running out.....

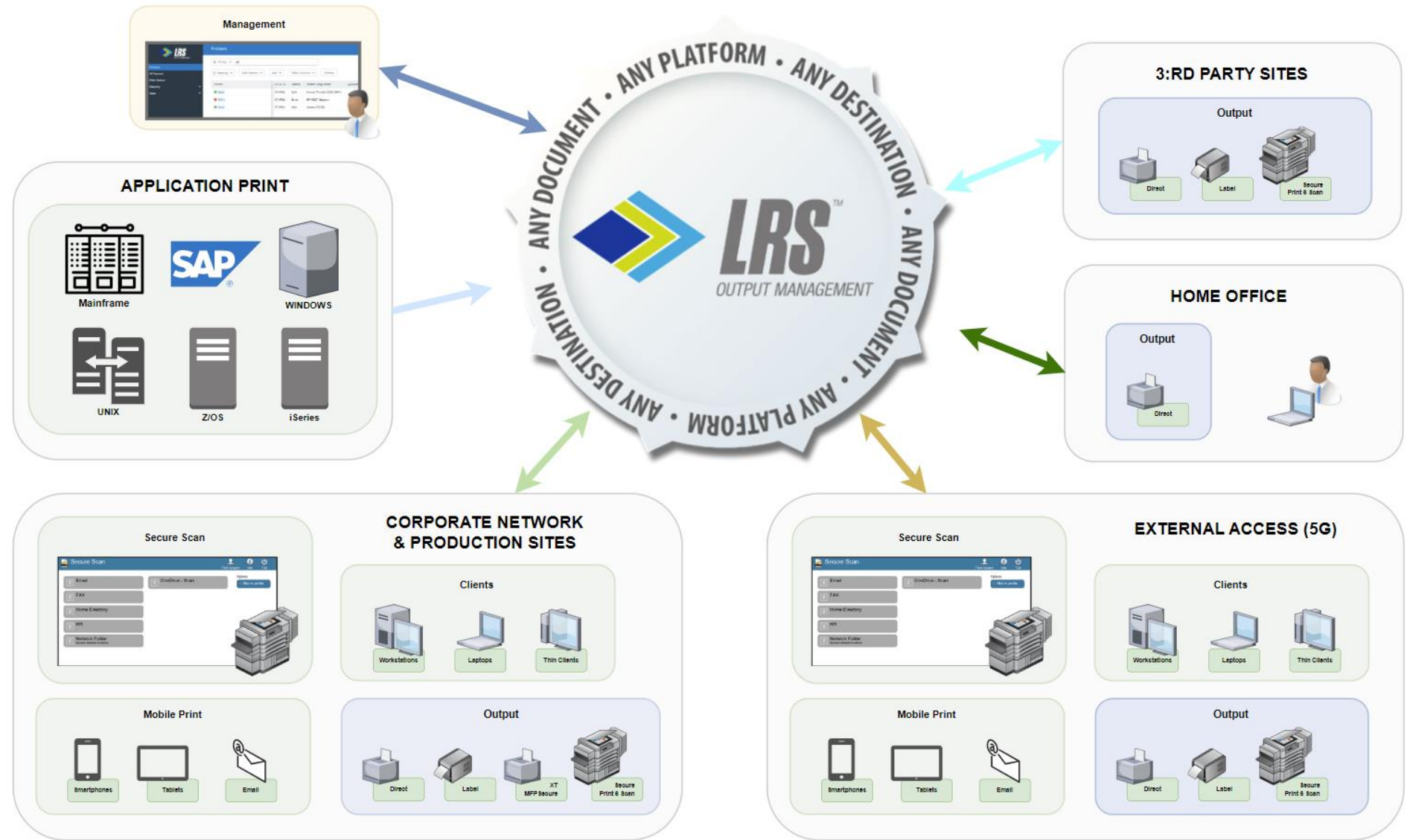
2027 Milestone!

Microsoft support for
third party drivers stops.

SAP S/4HANA migration must be complete.

Are you ready?

LRS EOM



Printing issues

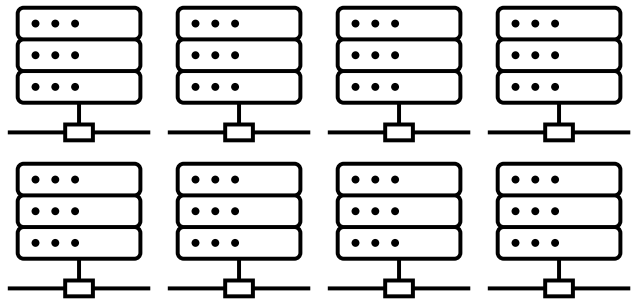
quickly becoming a business problem when it comes to documents that drive a

Business process.



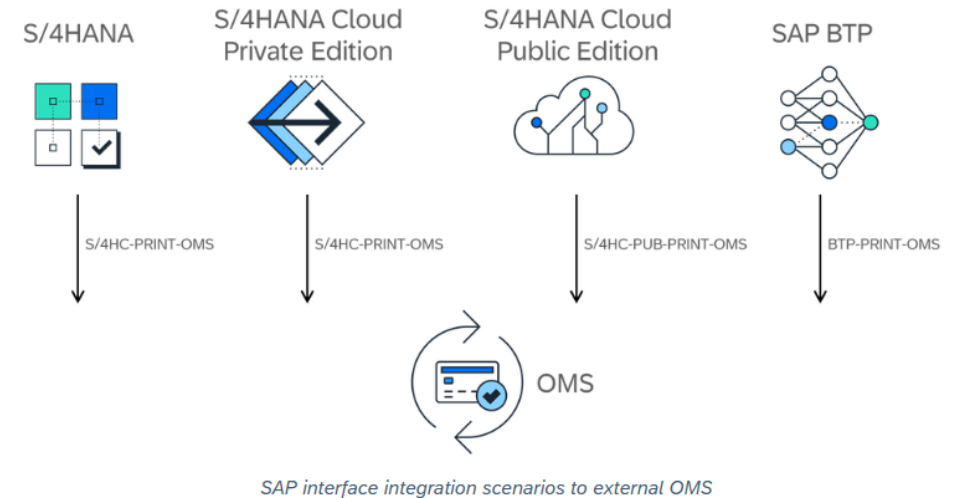
RISE with SAP – Printing Options

Windows Print Server - SAP



- SAPSprint
(Access Method S)
- SAPCprint
(SAP Cloud Print Manager Access Method Q)

LRS Output Management



Connect an external output management system to SAP

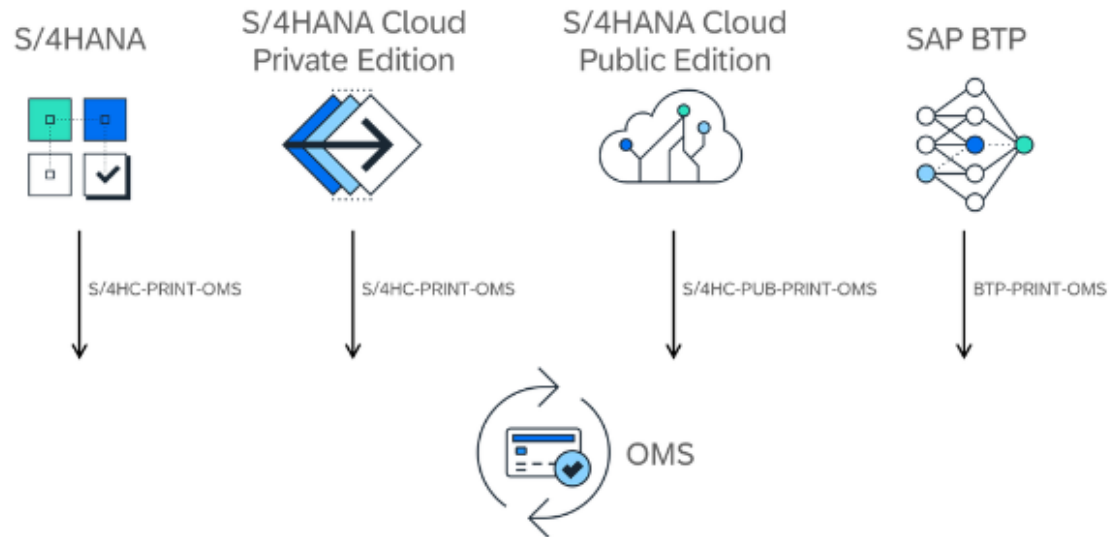
Windows Print Server - SAP

- SAP basic functionality requires Windows print servers
 - Drivers
 - Low scalability
 - No HA
 - Management of complex documents
 - Maintenance overhead
- Printer definitions must be managed by SAP Basis
- Time and resource consuming to resolve printing issues



Connecting external OMS to SAP

To address the limitations of SAP Cloud Print Manager (CPM), SAP has implemented an API that integrates several interface scenarios, allowing various SAP solutions to connect the SAP Print Queue to external Output Management Systems (OMS).



SAP interface integration scenarios to external OMS

<https://community.sap.com/t5/technology-blogs-by-sap/connecting-external-output-management-system-to-sap-print-queue-in-sap/bap/13674610>

LRS Solution

- Works with RISE With SAP
- Certified for all SAP solutions
- Reliable printing from SAP BTP, DM and other modern SAP
- Solutions that do not use SAP spool can be hosted on-premise, cloud or hybrid
- Support for SAP solutions in SAP Public Cloud

	LRS	Windows Print Server
Assured Delivery / Automatic Checkpoint restart	✓	✗
Non-administrator operation	✓	✗
No Targeted Viruses in product lifetime	✓	✗
Vertical Scalability	✓	✗
Built in HA for SAP	✓	✗
Consolidated Enterprise Operational View	✓	✗
Centralized Device Driver Management and Automated Printer Definition	✓	✗
License per Printer	✓	✗
Industrial Strength for Personal or Production Assured Delivery	✓	✗

VPSX vs Windows Print Server

Supplier	Solution
T-Systems	T-Systems and RISE with SAP (FCI also available)
Google Cloud	RISE with SAP on Google Cloud
Amazon Web Services	AWS for RISE with SAP (RISE with SAP on AWS Cloud)
Microsoft Azure	RISE with SAP operations model on Microsoft Azure

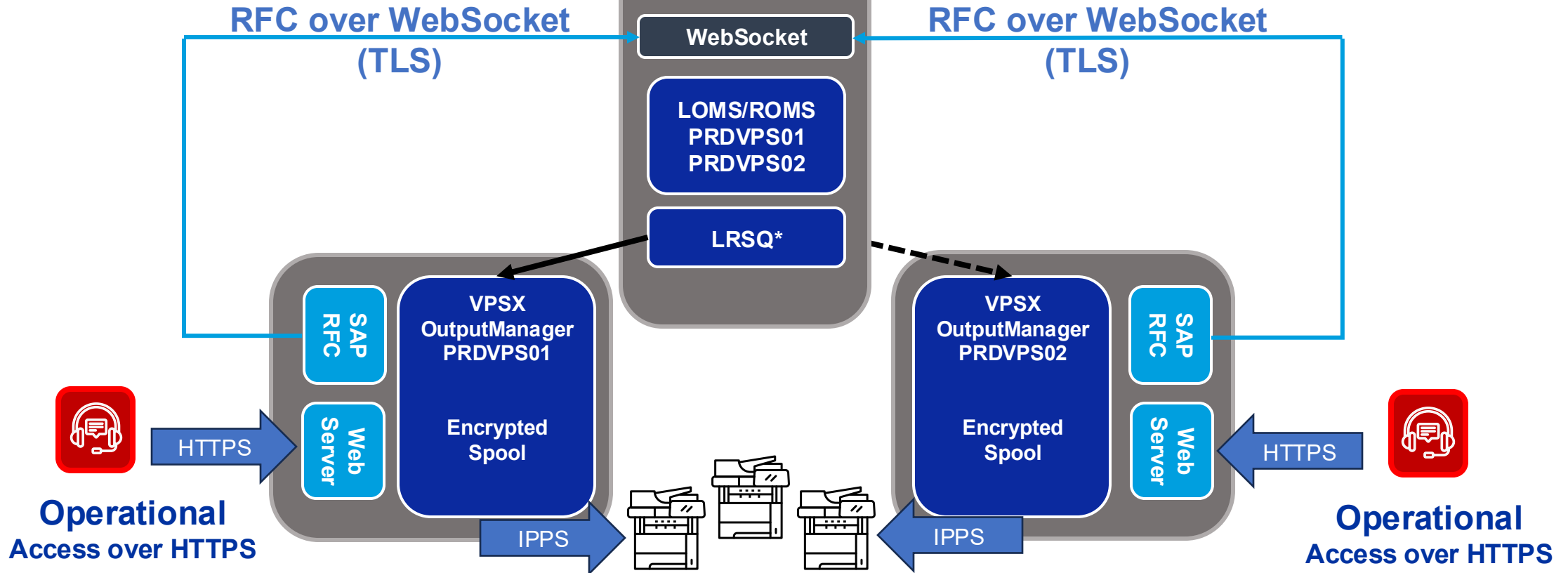
Hyperscalers

LRSQ

Whitelisted by SAP for installation
on Private Cloud Application Servers
AES encryption

SAP RFC (TLS)

Real-time feedback on printing
Automated printer definitions
(SAP supplied API / S/4H-BC-XOM)



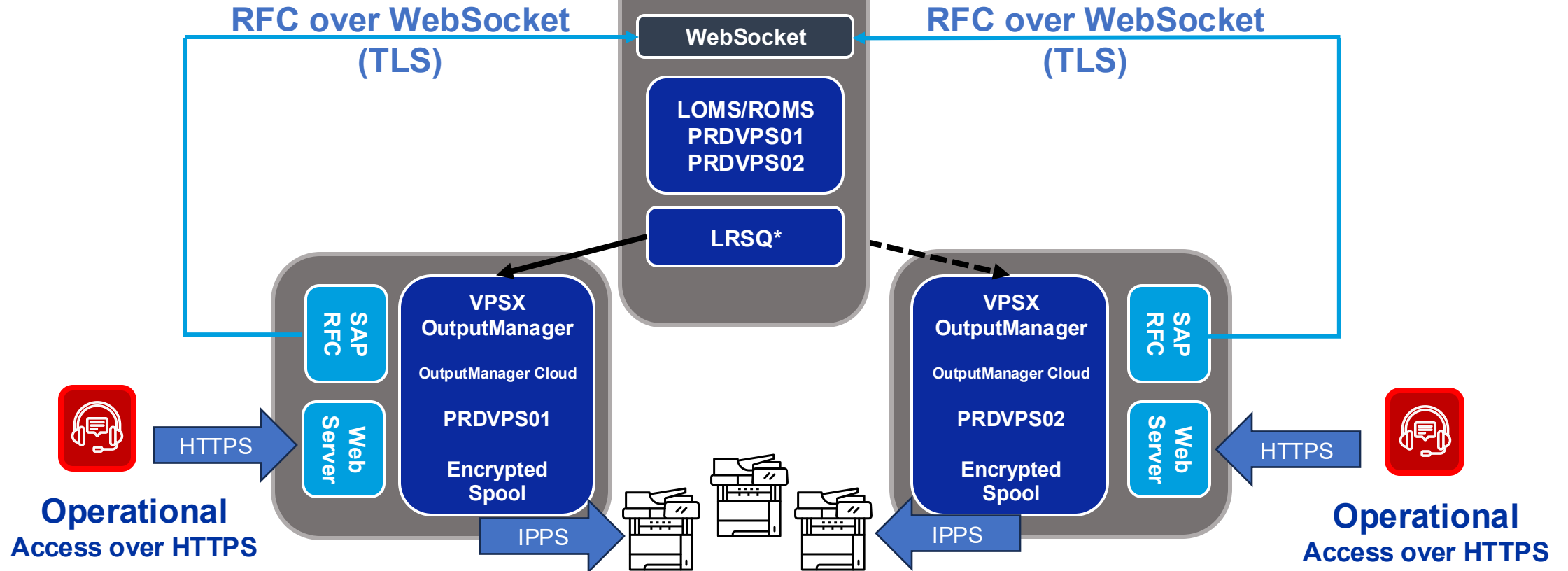
SAP S/4HANA Cloud, Private Edition: Conformity

LRSQ

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on Private Cloud Application Servers
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Add SAP S/4HANA Public Cloud, SAP BTP etc.

Printouts from SAP - on-prem/off-prem/hybrid

ECC6

SAP S/4HANA

- Cloud Private Edition
- On Premise
- Public Cloud

**SAP Business
Technology Platform**

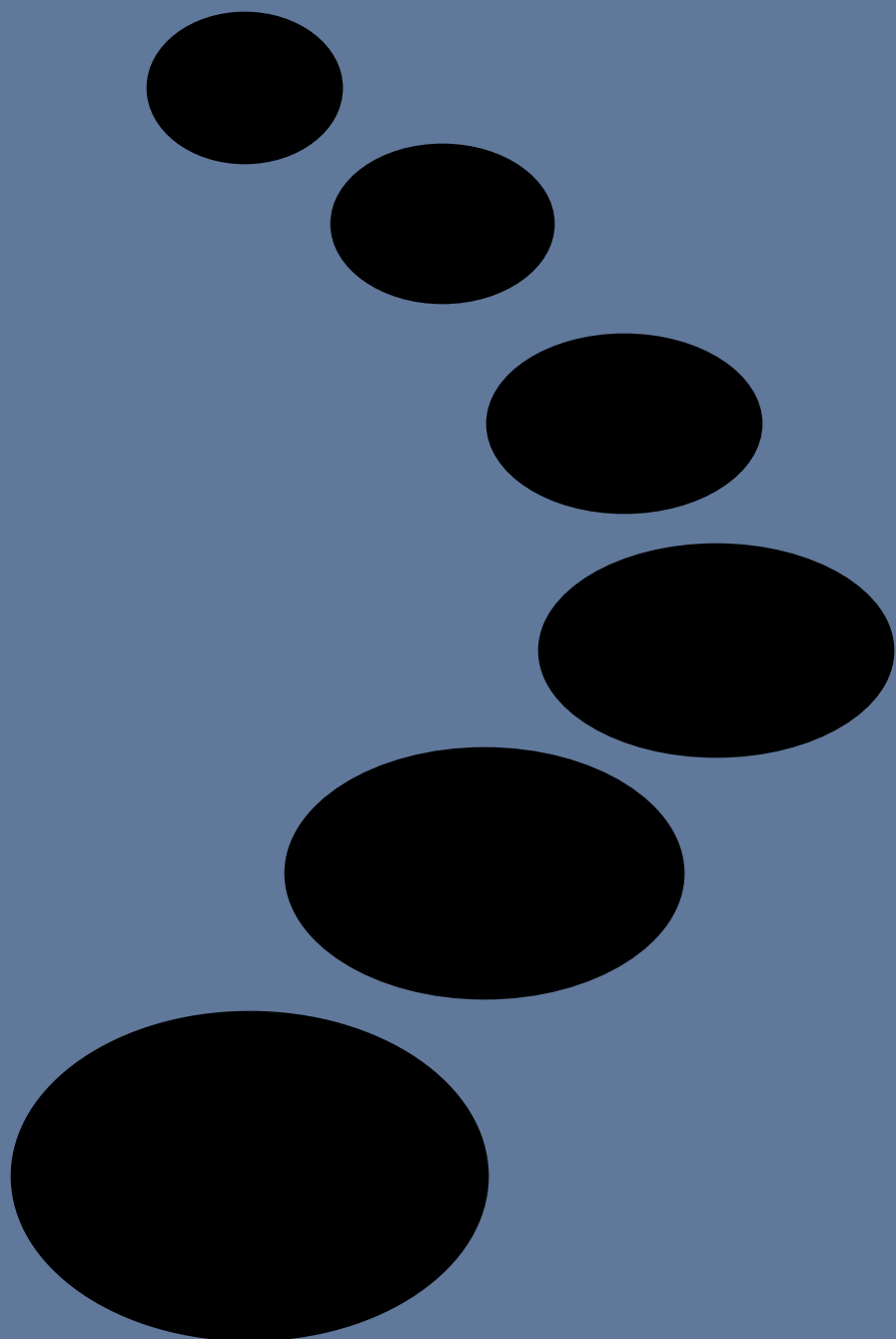
- SAP Print Service
- SAP Digital Manufacturing

To any type of printer, label printer or other destination

SAP Print & Scan



Oil and gas supplier



Challenge

- Migrate to “RISE with SAP”
- New SAP printing environment
- Replace multiple point solutions with centralized solution
- Minimize complexity of SAP printing
- Standardize and simplify management and support for global solution

Technical Requirements

- Highly complex environment – simplify SAP printing; WPS, Macro4, SEAL & VPN
- Replace 130 WPS with 3 LRS instances globally
- Secure printing and scanning – mixed fleet
- SAP printing from multiple SAP instances
- Unified end user experience regardless of location



RISE WITH SAP

New Architecture

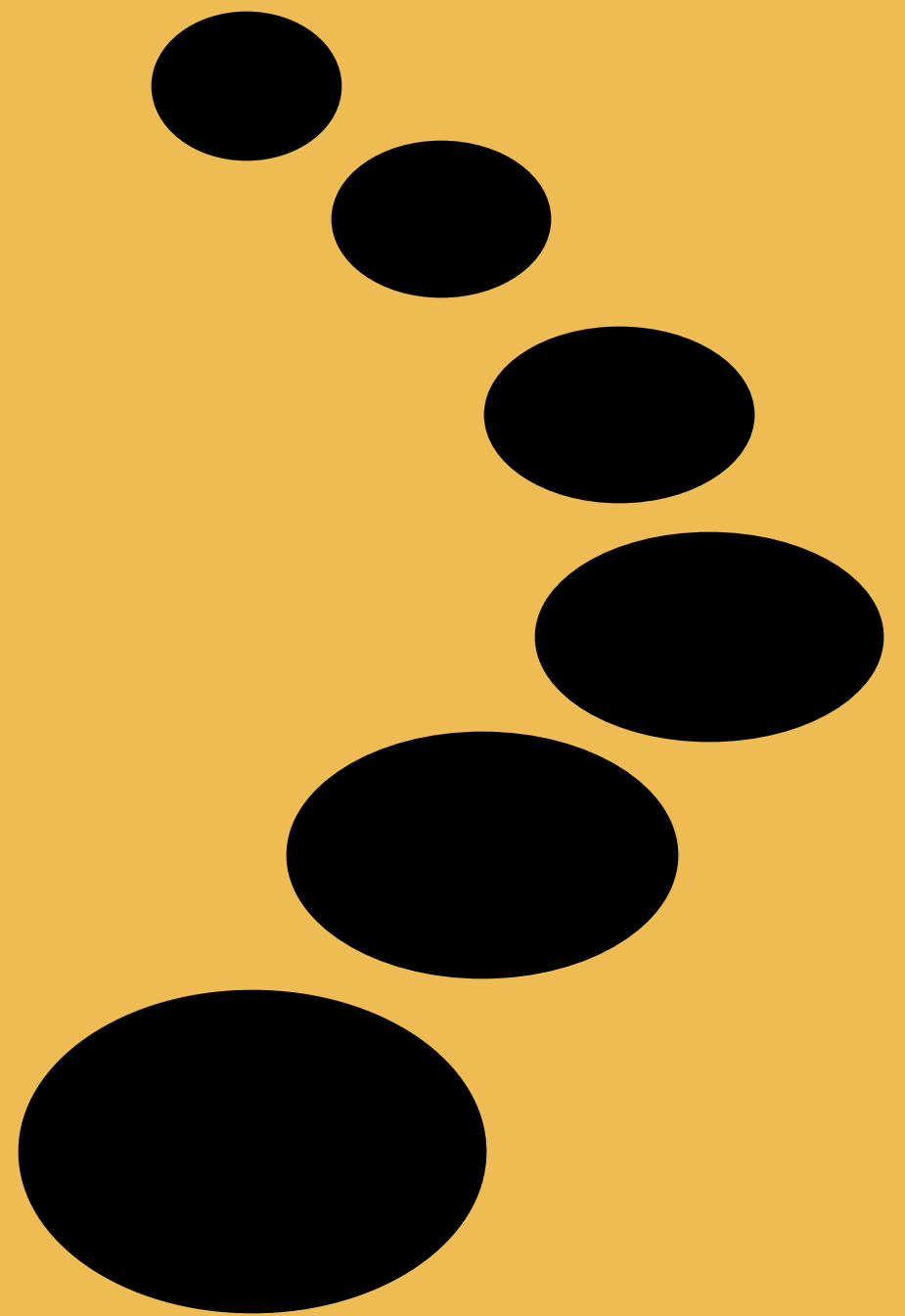
- New “Rise with SAP” environment with LRS solution
- No WPS / 3 EOS
- Standardized and centralized global solution for everything
- New features discussed for the future::
 - Mobile printing
 - Internet printing
 - Managed Services

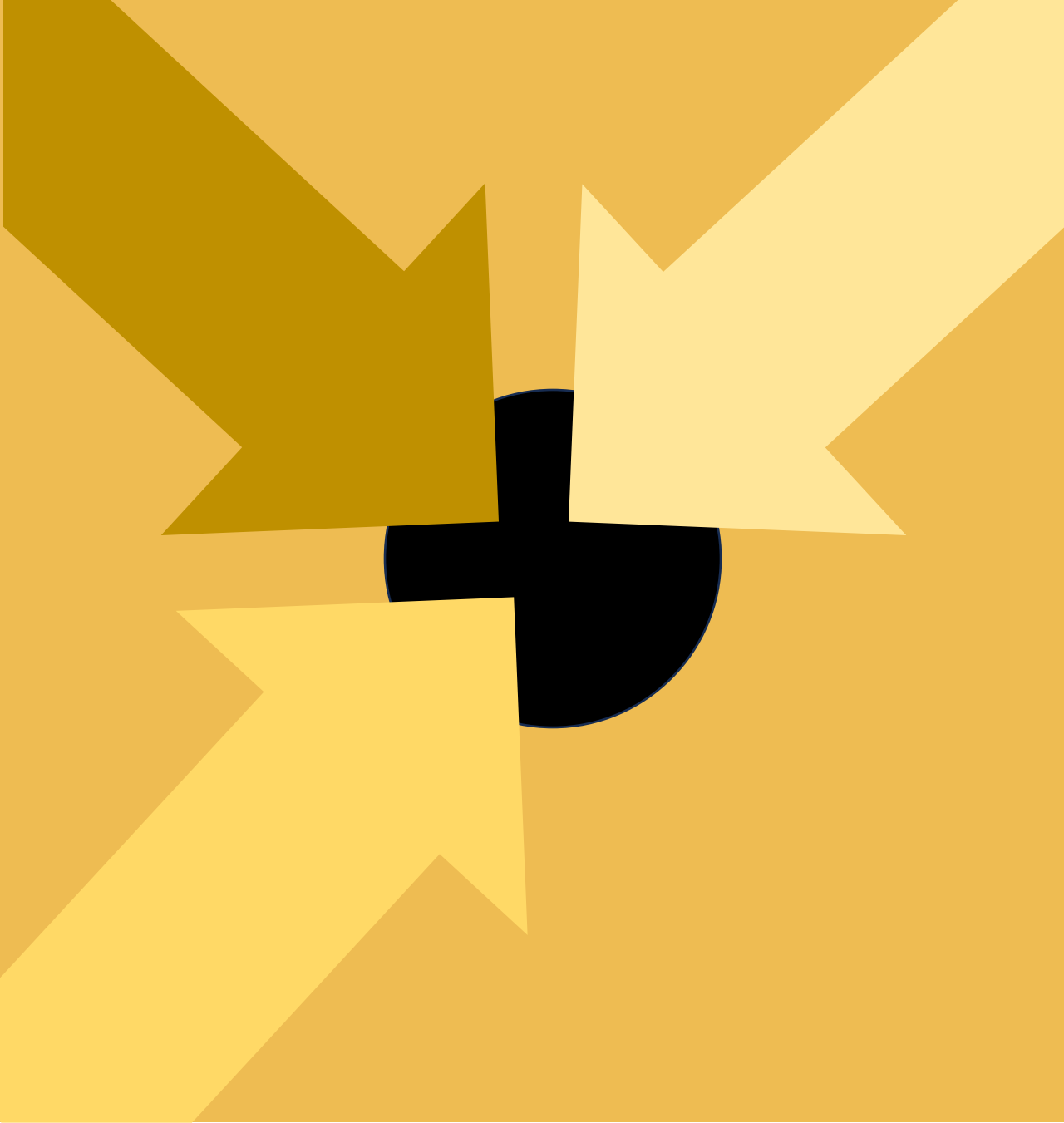


Global vehicle manufacturer

Challenge

- Replace current, and incompatible, printing solution for Rise with SAP
- Migrate to S/4HANA with “RISE with SAP”
- Global reporting and traceability
- Support current S/4HANA and new “RISE with SAP” with a unified solution





Technical Requirements

- Barcodes
- Double-byte characters
- Encryption – end-to-end
- Replace uncertified SAP output management system

New Architecture

- Secure and delivery-assured printing from SAP S/4HANA (Linux on AWS) with LRS Output Management
- Removed previous output management solution
- Training and support from LRS consultants



**RISE
WITH
SAP**



Questions?