

LRS User Konferenz 2023 München



LRS User Konferenz 2023 München

BEGRÜßUNG



Agenda

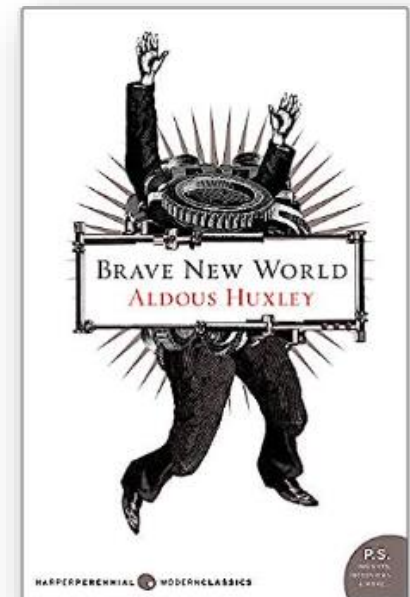
09:30 – 09:45 h	Registrierung, Kaffee & Networking	Leo Kaltenhauser
09:45 – 10:00 h	Begrüßung	
10:00 – 11:00 h	Industrietrends and Produkt-Updates (in englisch) <ul style="list-style-type: none"> • Hybride Architektur • Sicherheit & Zero Trust • Microsoft & Apple Driver Ankündigung 	Mark Ladd
11:00 – 11:15 h	Kaffee & Networking	
11:15 – 11:35 h	Henkel KGaA (Kundenvortrag)	Stefan Hertzog, Henkel
11.35 – 12:05 h	Product-Roadmap	Mark Ladd
12:05 – 12:30 h	State-of-the-art Scan – einschließlich <ul style="list-style-type: none"> • Neues UI und Lizenzierung • Mehr als MFP.. • Von Mobil zu Scan • LRS Services zur Unterstützung von Scan-Implementierungen 	Joachim Lang
12:30 – 14:00 h	Mittagessen & Networking	
14:00 – 14:15 h	LVM Landwirtschaftlicher Versicherungsverein Münster a.G. (Kundenvortrag)	Christian Möllers, LVM
14:15 – 14:45 h	LRS und die neue SAP Welt	Joachim Lang
14:45 – 15:15h	LRS Support Portal und Knowledgebase	Mark Ladd Joachim Lang
15:15 – 16:00 h	Fragen und Zusammenfassung	Leo Kaltenhauser, Joachim Lang, Mark Ladd

Industry Trends and LRS Product Update

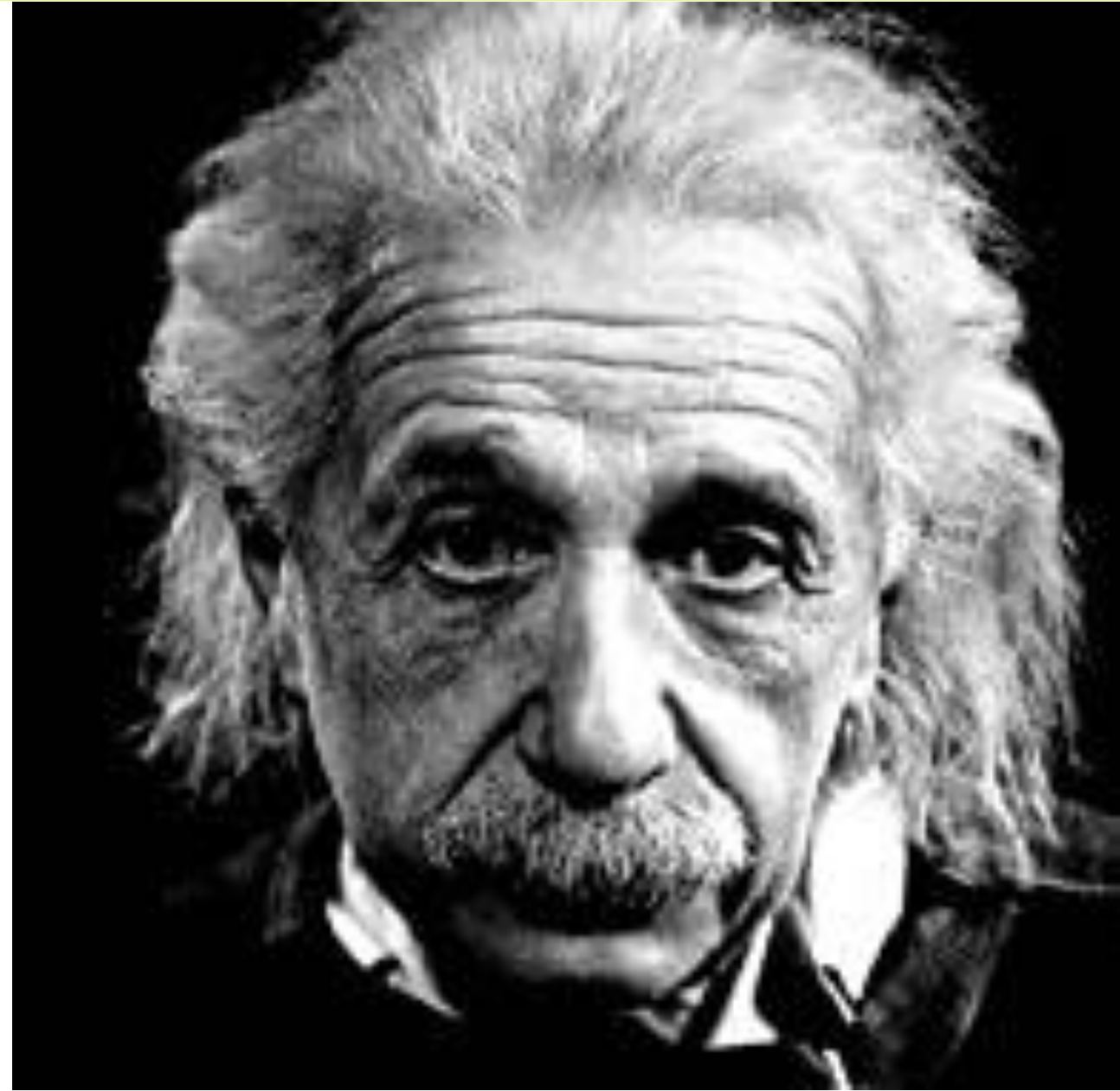
Mark Ladd & Joachim Lang

Wait – Is it really a new world?

- No. This is the same world we had last year. But . . .
- Yes.
 - As we have matured in this world that we created, we have gained
 - Experience
 - Wisdom
 - Knowledge



**As our circle of
knowledge
expands, so does
the circumference
of the darkness
surrounding it.**

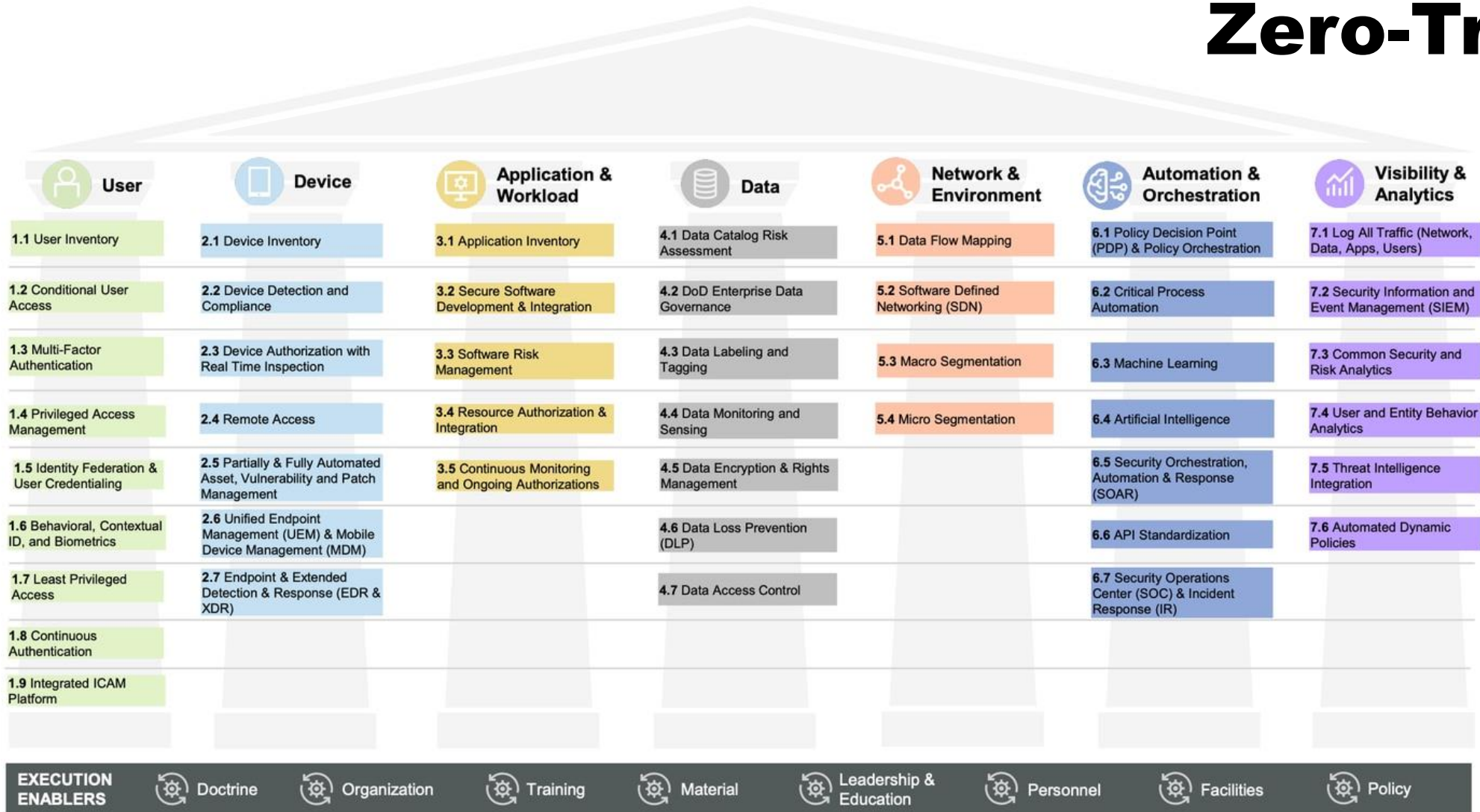


Architecture

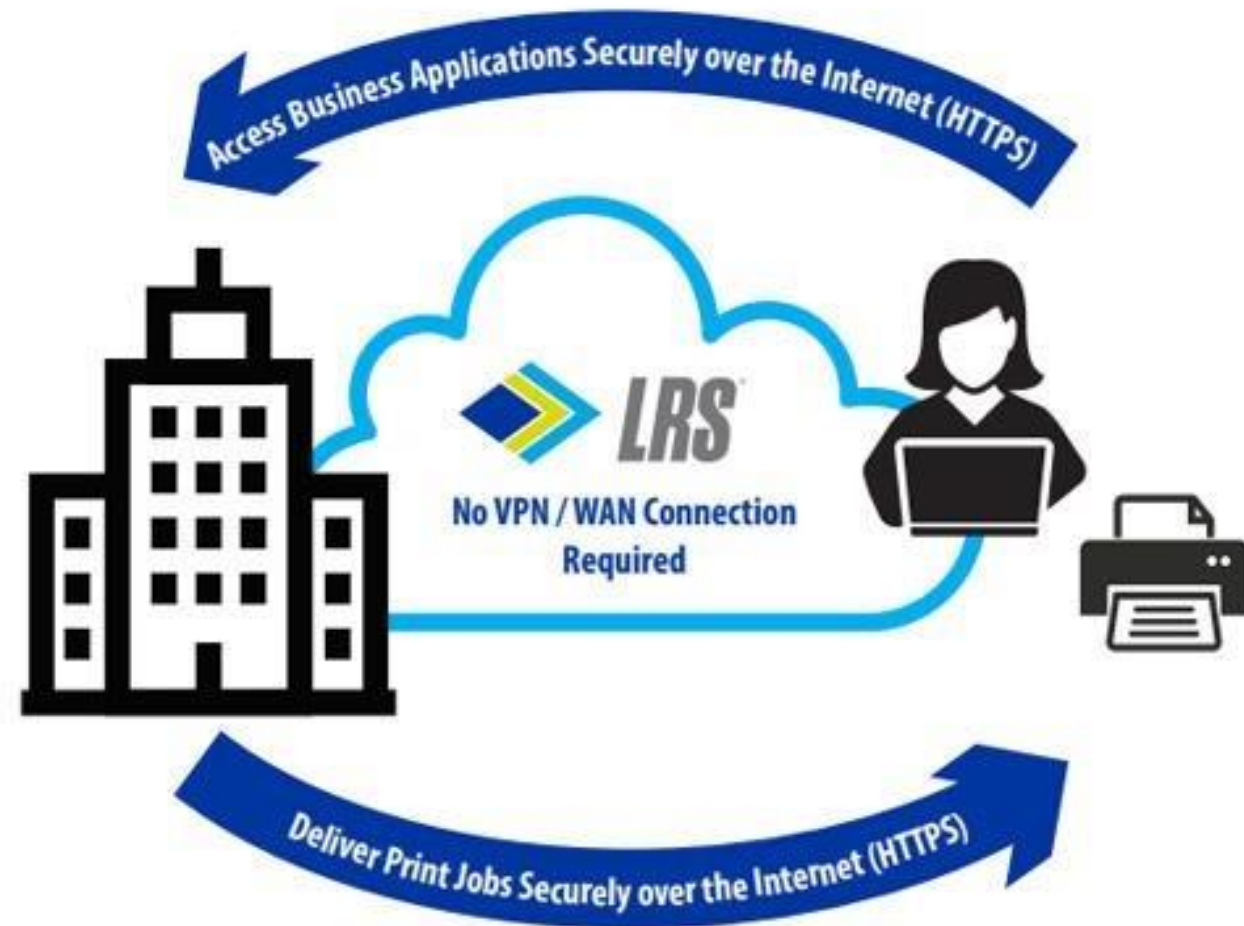
- Layered architectures began in 1974 with SNA followed a few years later with the OSI model
- TCP/IP began to be thought of in layers
- Over time, we built expertise and staff around layers rather than specific platforms and products

Schicht	ISO	SNA
7	Application	End User
6	Presentation	Presentation & Network Services
5	Session	Data Flow Control
4	Transport	Transmission Contr. Network Control
3	Network	Path Control
2	Data Link	SDLC
1	Physical	Lines

Zero-Trust



Pushing Print on the Open Internet

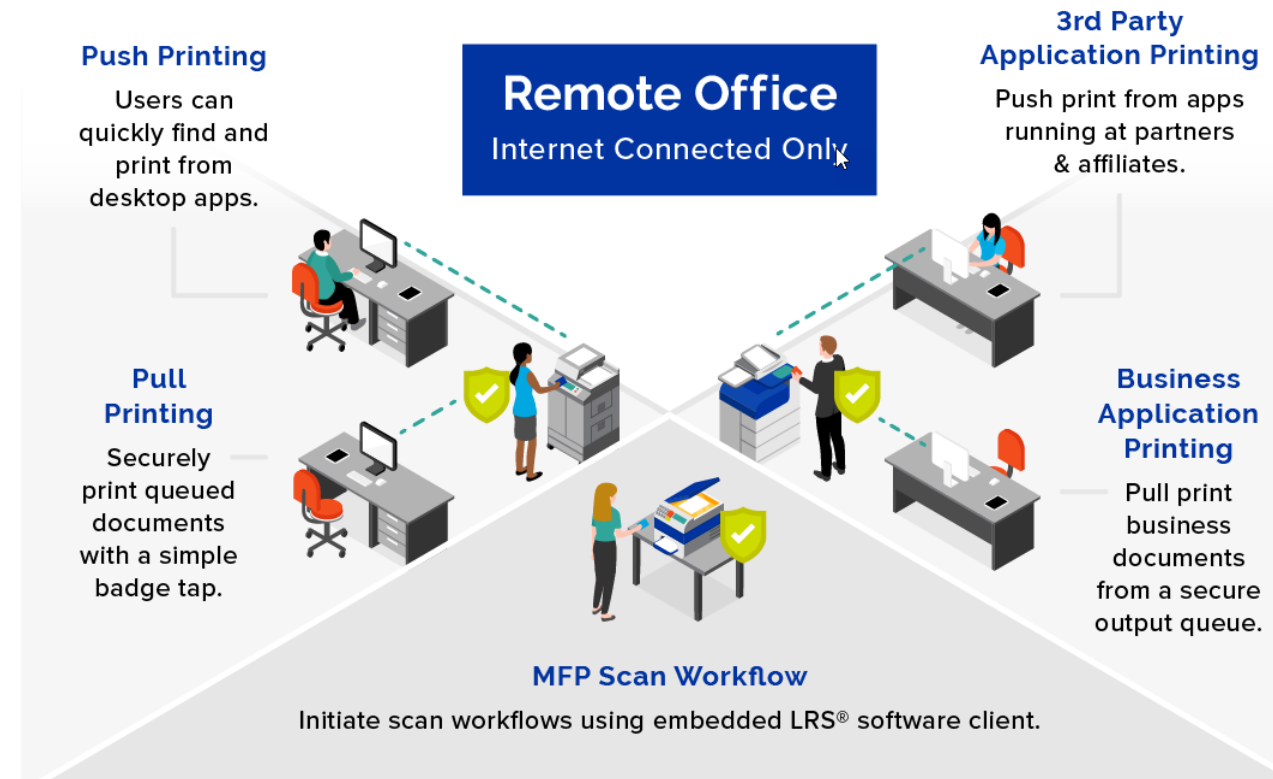


Affiliate Print allows for pushing jobs with only an open internet connection

- Contracted entities
 - Distribution centers
 - Manufacturing facilities
 - Associated clinics

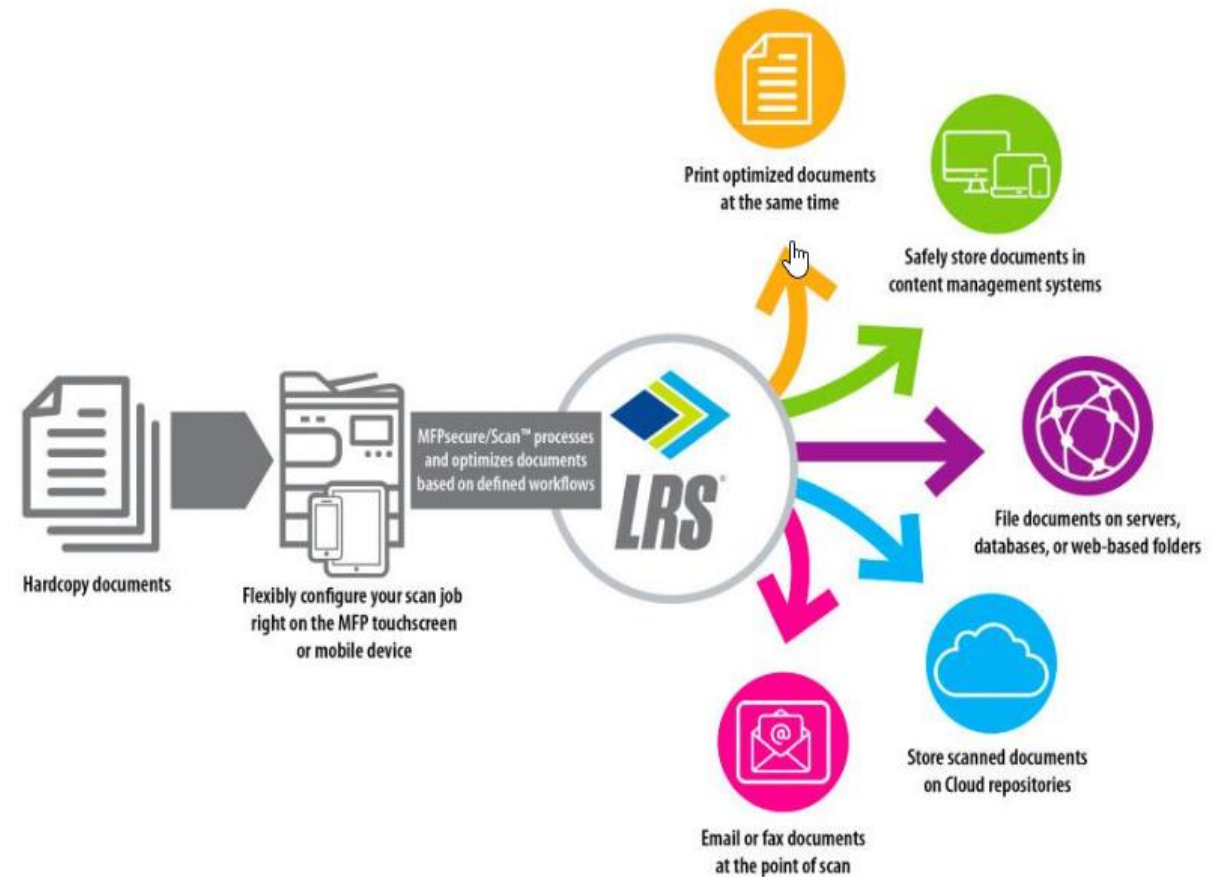
- VPN technology is going away in the enterprise
- Workstations must associate a user ID
- Devices cannot sit and wait. They must be able to phone home.
 - Retail stores
 - Temporary offices

Internet Pull Print



- Likewise true on Scan technology
- Processes are two way
 - Contracted entities need to update applications
 - This may include scanning of physical documents

Internet Scan



Work from home is here to stay

- Even software VPN is undesirable
- Workers enabled for WFH are more likely to stay
- Business applications are not geared for WFH especially in the print and scan arenas



A graphic consisting of three concentric circles in shades of gray, with the words "The End" written in a white, elegant cursive font across the center.

The End

Driver deprecation

- Apple announced end of driver support
 - AirPrint mechanism
- Microsoft announced printer driver support ending
 - Microsoft Universal print compatibility

A 3D-rendered maze made of light gray concrete blocks, viewed from a low angle. The maze has a central path that leads directly towards the viewer, creating a sense of depth and perspective. The walls of the maze are uniform in height and width, and the overall structure is complex and intricate.

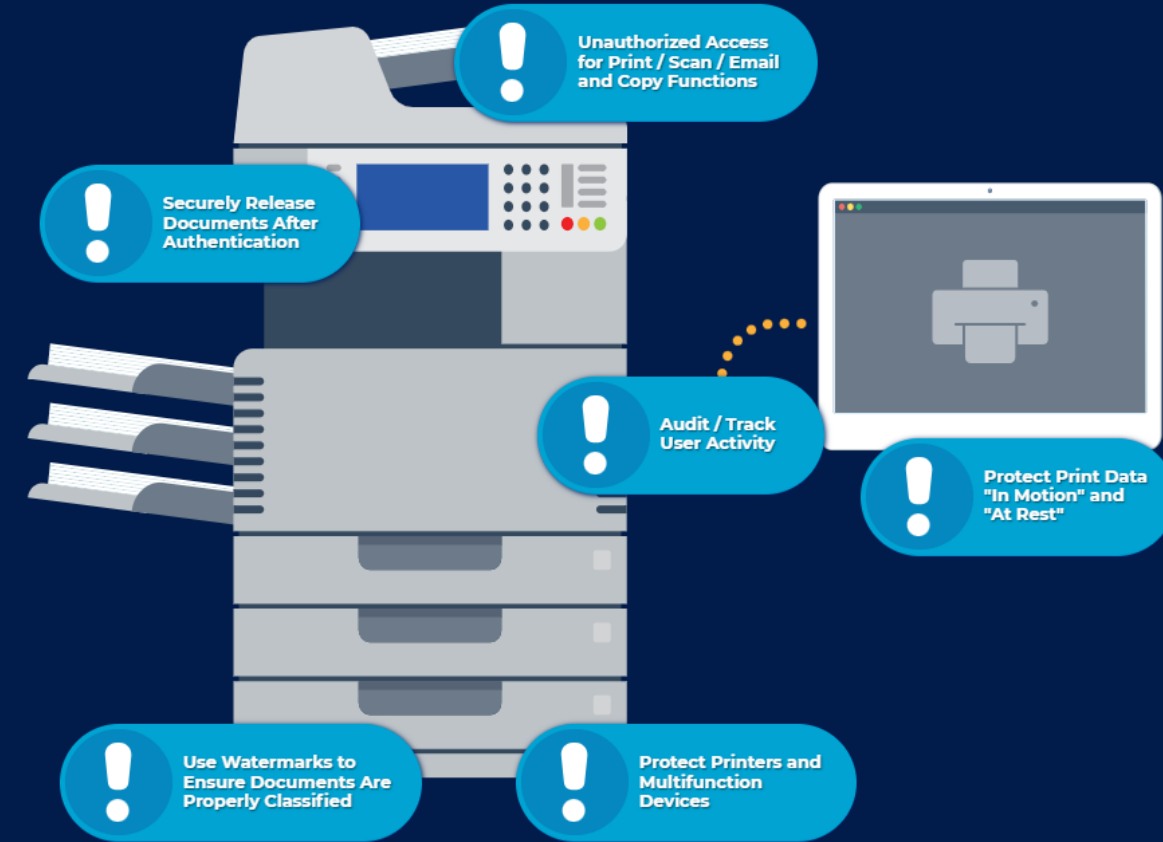
The 'S' word

Examples

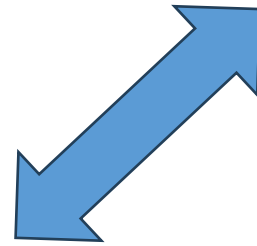
- NVIDIA (semiconductors) lost employee credentials and proprietary information
- Costa Rica – Had its economy shutdown \$30 million per day
- CHI Heath – Went back to paper records
- JBS Beef - \$11 million ransom
- Maersk - \$300 million in losses
- UK NHS - £92 million in loss

LRS Security Approach

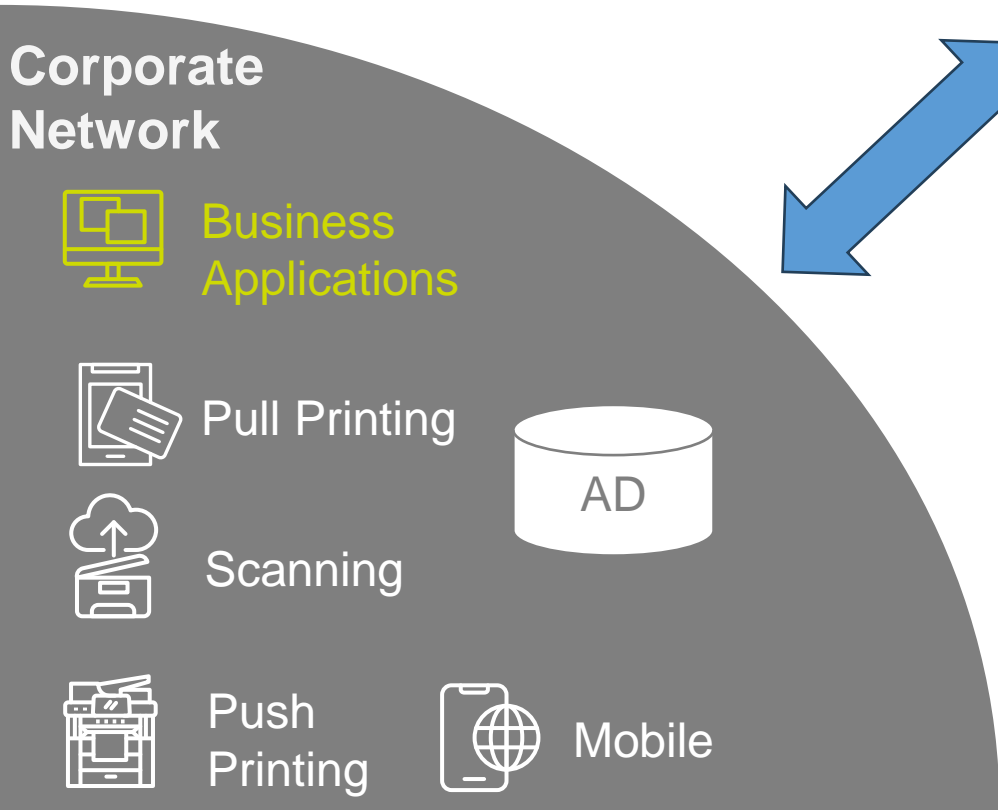
- CVE prevention
 - Penetration Testing
 - Code scanning
- Encryption
- Hardcopy security (pull printing)
- Windows vulnerabilities
 - How we work around them
- General device security



Hybrid Approach – On Premise



- Common use
- Everything Onsite / Datacenter
- Federated authentication



Hybrid Approach – Mixed (typical)



Via Internet
OR Personal VPN

Corporate Network



Business Applications



Pull Printing



Scanning



Push Printing



Mobile



Business Applications



Pull Printing



Corporate or Affiliate Printer



Distant Offices / Coworking

Hybrid Approach – LRS managed / Hosted



Via Internet
OR Personal VPN

Corporate Network



Business Applications



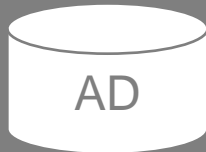
Pull Printing



Scanning



Push Printing



Mobile



Business Applications



Pull Printing



Corporate or Affiliate Printer



Distant Offices / Coworking

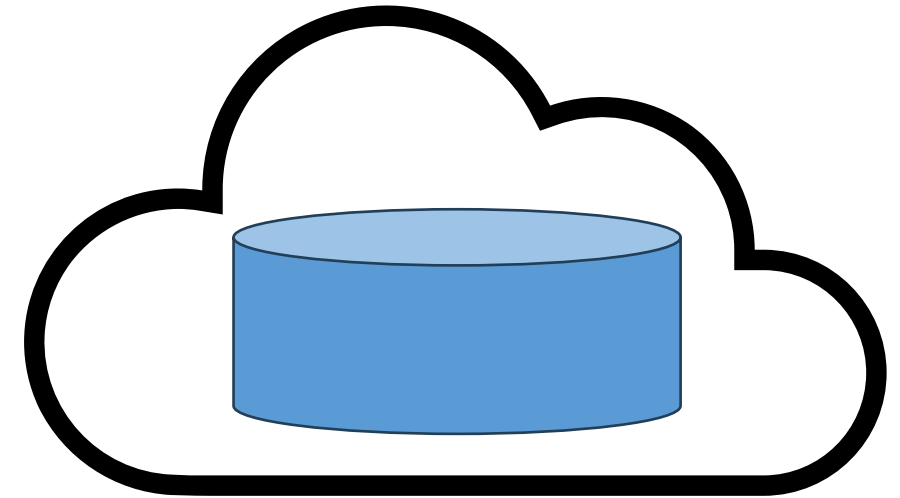
- On premise
- Private Cloud
- Public Cloud provider
- Local authentication
- Modern authentication
- Mix and match
- We are here to help

Hybrid Approach



Demo System & LRS Mission Control

Futures – Innovate/Audit



Futures – Direct Print



MFPsecure/Scan UI

The screenshot displays the 'Secure Scan Admin' web interface. The top navigation bar includes the LRS logo, the text 'R4', 'Secure Scan Admin', a user profile for 'VSV1 admin', and a 'Logoff' button. A left sidebar contains a navigation menu with items like Printers, PersonalQs, MFPsecure, EOMSSWDEMO.LRSINC.O..., Dashboard, Users, Agents, Configure, Secure Scan, Logs, Mobile Connector, and Innovate/Audit. The main content area is titled 'Profiles' and features a 'Sort' dropdown, a 'Filter' dropdown, and a '+ Add' button. Below this, three profile cards are listed: 'Test by SL' (Active), 'To My Folder' (Not deployed), and 'To My Folder 2' (Disabled). Each card includes an LRS icon, the profile name, its status, and edit/delete icons.

Profile Name	Status	Actions
Test by SL	Active	Edit, Delete
To My Folder	Not deployed	Edit, Delete
To My Folder 2	Disabled	Edit, Delete

- The problem
- The future
- What it means

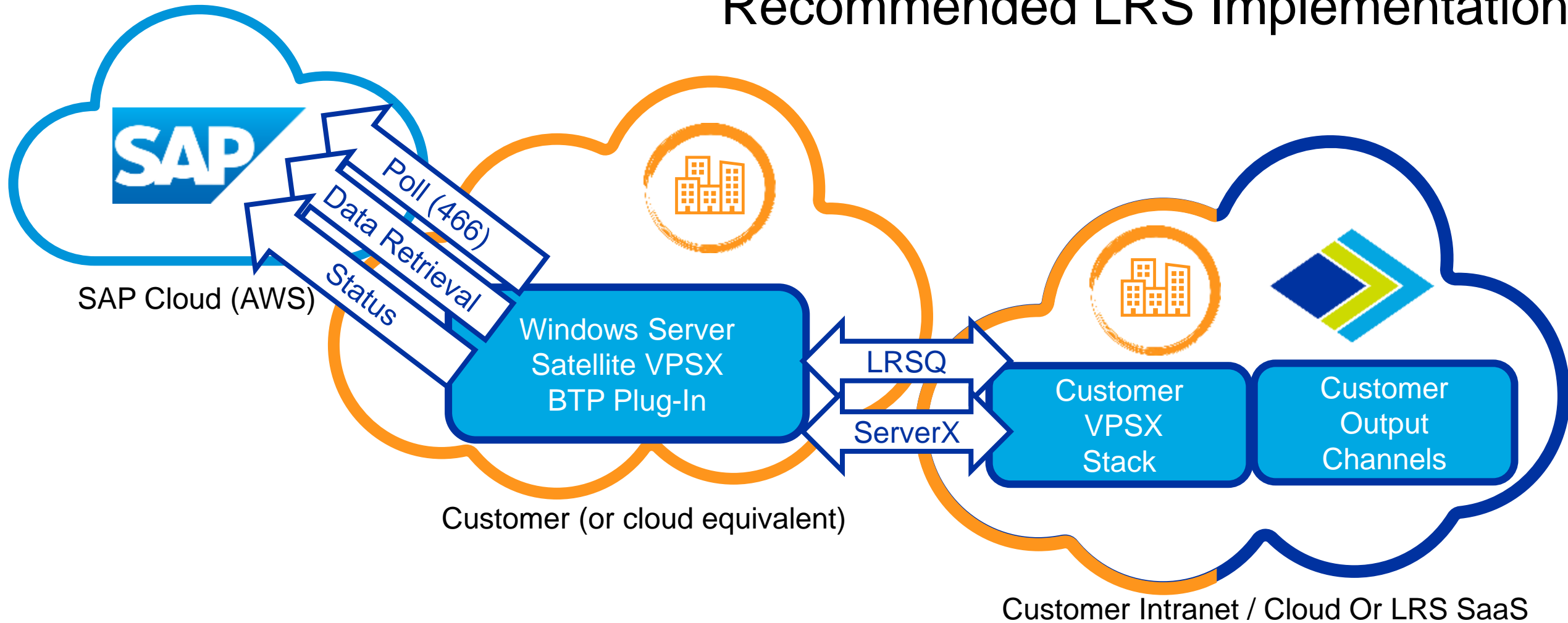
Application/Storage Destinations	MFPsecure/Scan	MFPsecure/Scan Pro
Folder	●	●
FTP Server	●	●
Email	●	●
Lotus Notes	●	●
Fax	●	●
Box	●	●
Dropbox	●	●
Google Drive	●	●
Microsoft OneDrive	●	●
SharePoint	●	●
Database	●	●
WebDAV	●	●
Microsoft Teams	●	●
Print via VPSX	●	●

MFPsecure/Scan licensing

- MFPsecure/Scan and then add-on
 - OneDrive
 - SharePoint
 - Teams
 - Others?
- MFPsecure/Scan has Tesseract OCR engine
- MFPsecure/Scan Pro has IRIS professional scan engine

S4HC-ES-PRINT-OMS/BTP-PRINT-OMS

Recommended LRS Implementation



BTP-PRINT-OMS

How to Enable the LRS Solution

The screenshot shows the SAP BTP Cockpit interface. The left sidebar contains navigation options: Applications, Services (selected), Service Marketplace, Instances, SAP HANA Cloud, Routes, Security Groups, Events, and Members. The main area displays the configuration for a 'Receiver' service instance within the 'Printing' space. The instance ID is 6a7877ba-21f3-4b76-9ab8-77941875bb08, and its status is 'Created'. Below this, a table lists three instances: PrintSender, PRNOTIFY, and Receiver, all with a 'Created' status. To the right, the 'Service Keys (1)' section shows a key named 'LRS_Print_Receiver_Service_Key'.

```
{
  "uaa": {
    "tenantmode": "shared",
    "sbnurl": "https://internal-xsuaa.authentication.eu10.hana.ondemand.com",
    "subaccountid": "1b55c8a4-e9c8-46ab-911c-4932954b8905",
    "credential-type": "instance-secret",
    "clientid": "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",
    "xsappname": "6a7877ba-21f3-4b76-9ab8-77941875bb08!b152467|print-app!b46384",
    "clientsecret": "yyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy",
    "url": "https://sap-print-o2tfuhkn.authentication.eu10.hana.ondemand.com",
    "uaadomain": "authentication.eu10.hana.ondemand.com",
    "verificationkey": "-----BEGIN PUBLIC KEY-----
\nMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAyW9LeGDjmmjmvCEN54RG\nvN7r+tOghCF
-----END PUBLIC KEY-----",
    "apiurl": "https://api.authentication.eu10.hana.ondemand.com",
    "identityzone": "sap-print-o2tfuhkn",
    "identityzoneid": "1b55c8a4-e9c8-46ab-911c-4932954b8905",
    "tenantid": "1b55c8a4-e9c8-46ab-911c-4932954b8905",
    "zoneid": "1b55c8a4-e9c8-46ab-911c-4932954b8905"
  },
  "service_url": "https://api.eu10.print.services.sap"
}
```

BTP-PRINT-OMS

How to Enable the LRS Solution

The screenshot displays the SAP 'Manage Print Queues' interface. At the top, there is a search bar and filters for 'Print User' (set to 'All') and 'Queue Status' (set to 'All'). Below this is a table with 5 queues. One queue, 'KYOCERA4', is highlighted. To the right, a 'Create Print Queue' dialog box is open, showing fields for Name, Description, Format, Print User, Retention Days, Location ID, and Location ID Type. The 'Print User' dropdown is set to 'Receiver'.

Print Queues

Print User: Queue Status:

Queues (5) Create Edit

<input type="checkbox"/>	Name	Print User	Retention Period	Format	Status
<input type="checkbox"/>	KYOCERA4	Receiver	1 Day	PDF	Active
	TEST PRINTER ON EOM138				

Create Print Queue

Name: *

Description: * 56 characters remaining

Format: *

Print User: * [link](#)

Retention Days: * + -

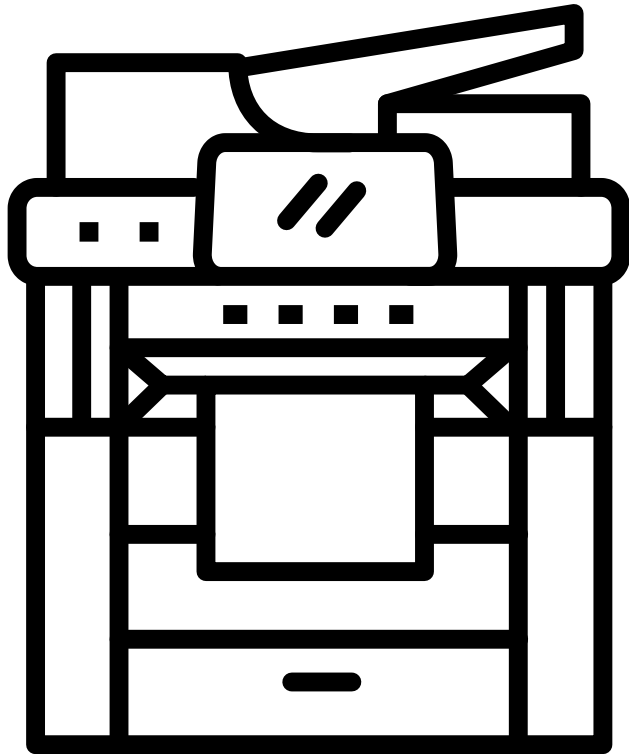
Location ID:

Location ID Type:

Save Cancel

BTP-PRINT-OMS Features

- Plug In, Install free, just unzip into LRSROOT**
- Simple Configuration**
- Multi-Instance capable**
- Runs as windows service**
- Same code for both SAP BTP Print, and Public Cloud**
- Both communication arrangements possible Poll and Push (466 and 467)**
- Separate per printer license**
- Highly efficient and fast transfer**
- Enabled for attachments**
- Enabled for queue meta data for finishing options, tray color and plexing**
- Actively being developed**
 - Auto Define of BTP Queues in VPSX**
 - Push definitions into BTP (change request to SAP pending)**
 - Local Status viewer**



IPP futures

- IPP is the protocol that Apple and Microsoft are counting on
- The formatted document will be PDF or XPS – so no built in finishing options like duplex, monochrome, Tray, stapling etc
- The LRS direction

Any
Questions



LRS User Konferenz 2023 München

Q&A



LRS[®]
OUTPUT MANAGEMENT

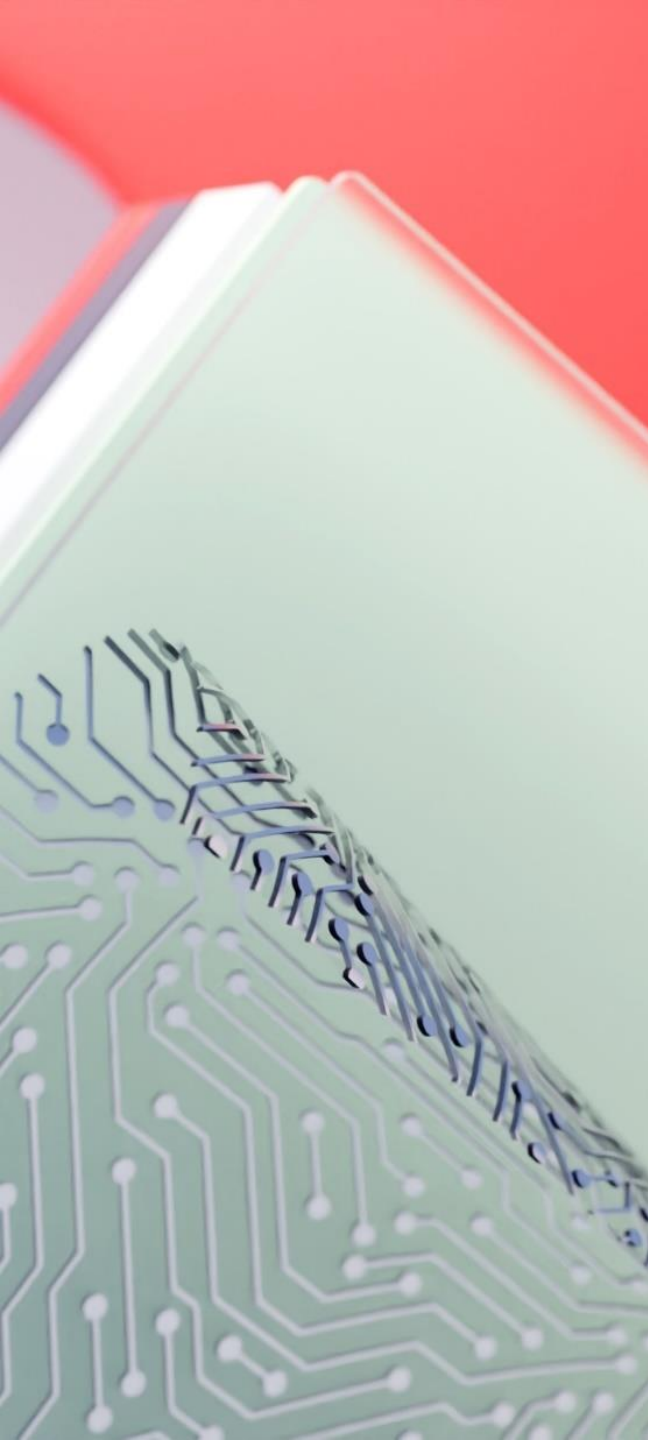
LRS User Konferenz 2023 München



LRS[®]
OUTPUT MANAGEMENT

LRS User Konferenz 2023 München KAFFEE & NETWORKING





HENKEL DIRECT PRINT WITH LRS

STEFAN HERTZOG, NOVEMBER 23RD 2023

Henkel

AGENDA

- 01 **ABOUT HENKEL**
- 02 HENKEL DX & DIGITAL WORKPLACE
- 03 VPSX DIRECT PRINT ROLL-OUT
- 04 NEXT STEPS

PIONEERS *AT HEART*
FOR *THE GOOD*
OF GENERATIONS

DID YOU KNOW THAT...

... Henkel is a **global leader** in adhesive technologies?

... every second worldwide, the **hair of 20 consumers** is colored with **Henkel hair colorants**?

... every year **25 billion laundry wash loads** are cleaned with Henkel detergents?



LEADING POSITIONS IN INDUSTRIAL AND CONSUMER BUSINESSES



ADHESIVE TECHNOLOGIES



CONSUMER BRANDS

LOCTITE **TECHNOMELT** **BONDERITE**

Persil **Schwarzkopf** **all** **syoss**



ACTIVE AS GLOBAL PLAYER

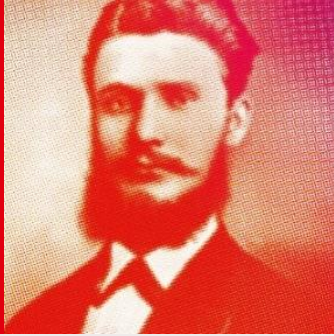


HENKEL DIRECT PRINT WITH LRS



SALES

€22.4_{BN}



-55%

CO₂ EMISSIONS FROM
OUR OPERATIONS¹

SOCIAL PROJECTS
IN 2022

2,055

€2.3_{BN}

ADJUSTED OPERATING
PROFIT (EBIT)

146 YEARS

SUCCESS WITH
BRANDS AND
TECHNOLOGIES



WE EMPLOY MORE THAN

50,000

PEOPLE FROM
124 NATIONALITIES



AROUND

39%

WOMEN IN
MANAGEMENT



¹ Per ton of product, compared to the base year 2010

AGENDA

- 01 ABOUT HENKEL
- 02 HENKEL DX & DIGITAL WORKPLACE**
- 03 VPSX DIRECT PRINT ROLL-OUT
- 04 NEXT STEPS



HENKEL dx DRIVING DIGITAL TRANSFORMATION

About Henkel dx

- Henkel dx drives digital transformation and creates **value** for Henkel's **consumers & customers**.
- Henkel dx **brings together** digital, business process management and IT experts in a unique culture to solve the toughest business challenges and leverage value creation opportunities.
- **Megatrends** driving our industries: Platform Economy, Consumer & Customer Gravitation Shift, Outcome-based Servitization, and Lean-fast-simple



Facts & Figures

- Established in 2020
- 59 countries
- 64 Nationalities
- 3 Digital Innovation Hubs (Berlin, Düsseldorf, Shanghai)

DXV WORKPLACE & EUC

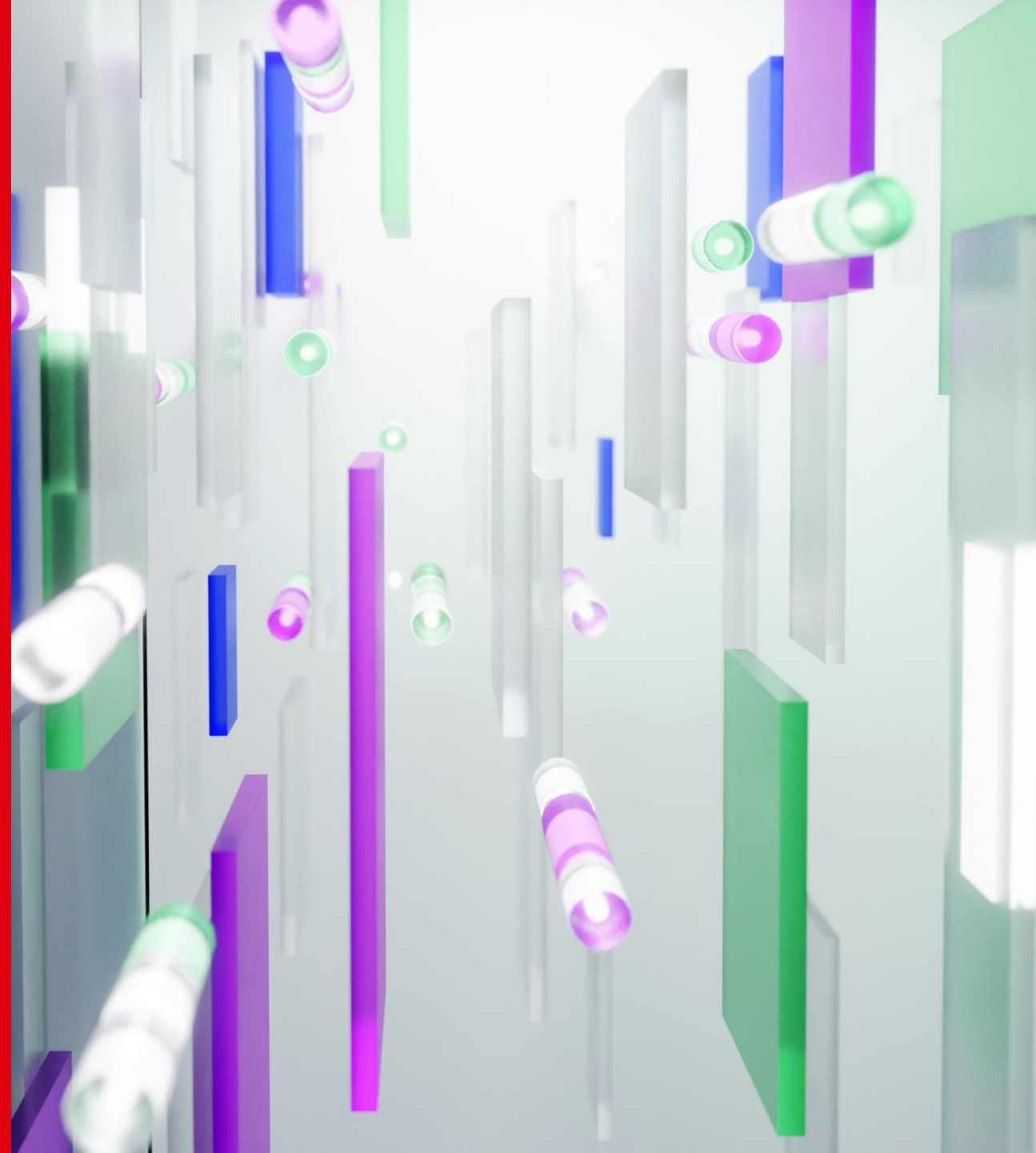
Mission: Providing the most modern digital workplace in DAX30 while applying highest security standards

- Global Team as part of dx Global Infrastructure
- 32 Employees in all Henkel regions
- Responsible for **47,500 End User Workstations** plus **34,000 mobile devices**
- Support Service for all end-users globally with **~370.000 tickets p.a.**
- Service portfolio covering:
 - Workplace hardware
 - Workplace software & desktop management
 - Teams Telephony
 - **Printing**
 - End User Support
 - Monitoring & Reporting



AGENDA

- 01 ABOUT HENKEL
- 02 HENKEL DX & DIGITAL WORKPLACE
- 03 VPSX DIRECT PRINT ROLL-OUT**
- 04 NEXT STEPS



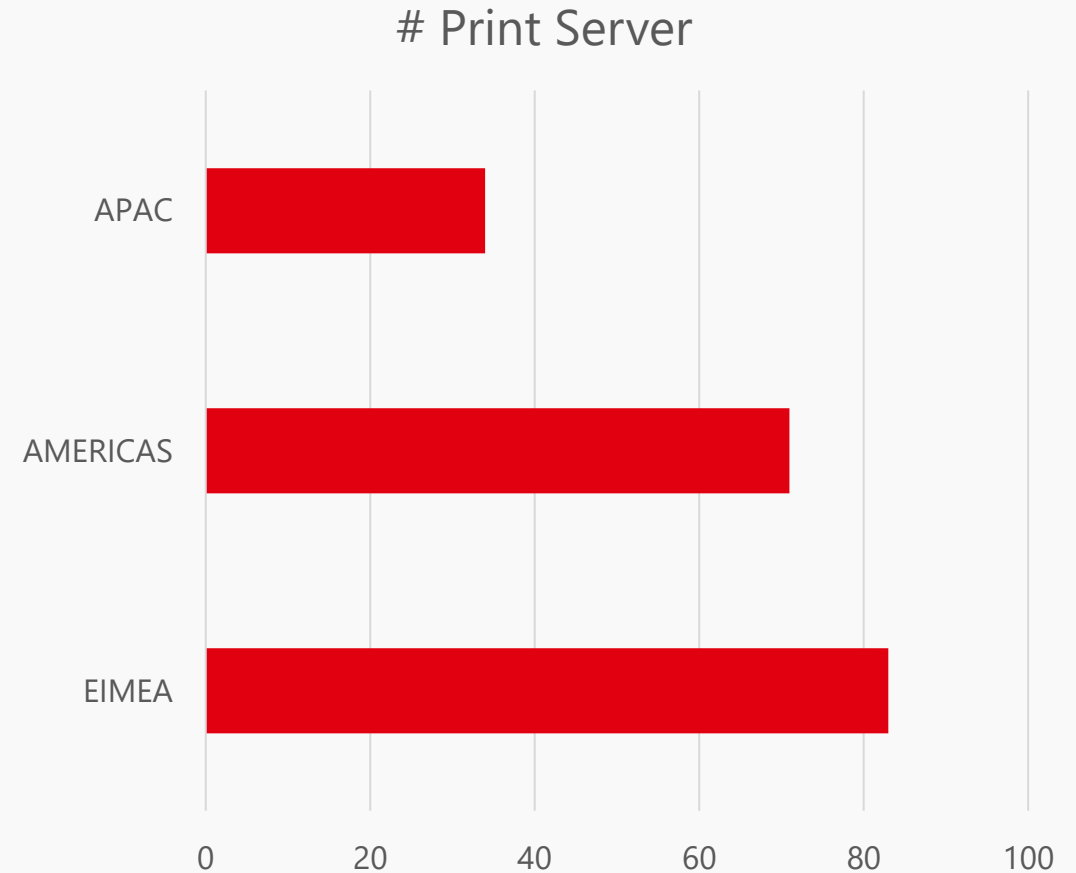
BASELINE

Where we came from

- 188 **locally managed** print server
- 3,500 printer devices in scope of office printing
- No **central printer driver management**
- No unified way to add print queues for end-users
- Different pull-print solutions in a couple of larger sites in non-productive status
- Overall project to reduce number of local servers globally

NUMBER OF PRINT SERVERS PER REGION

Number of local print servers per region in Henkel before roll-out of LRS VPSX Direct Print (2019)



VPSX ROLL-OUT PROJECT



What we did

- Partnering with our Core EUC-Provider **Unisys**
- Run a PoC of **LRS VPSX Direct Print incl. MFP Secure Print** from Jan to March 2019 in Duesseldorf
- PoC results positive: Kick-Off of a global roll-out project:
 - Timeline: August 2019 to August 2020
 - Setup of central VPSX infrastructure incl. fail-over
 - Roll-out of PDM to all end user workstations
 - Usage of printer migration tool to migrate end-user print queues to new solution
 - Roll-out of MFP Secure on dedicated printers

CURRENT SITUATION

What we achieved so far

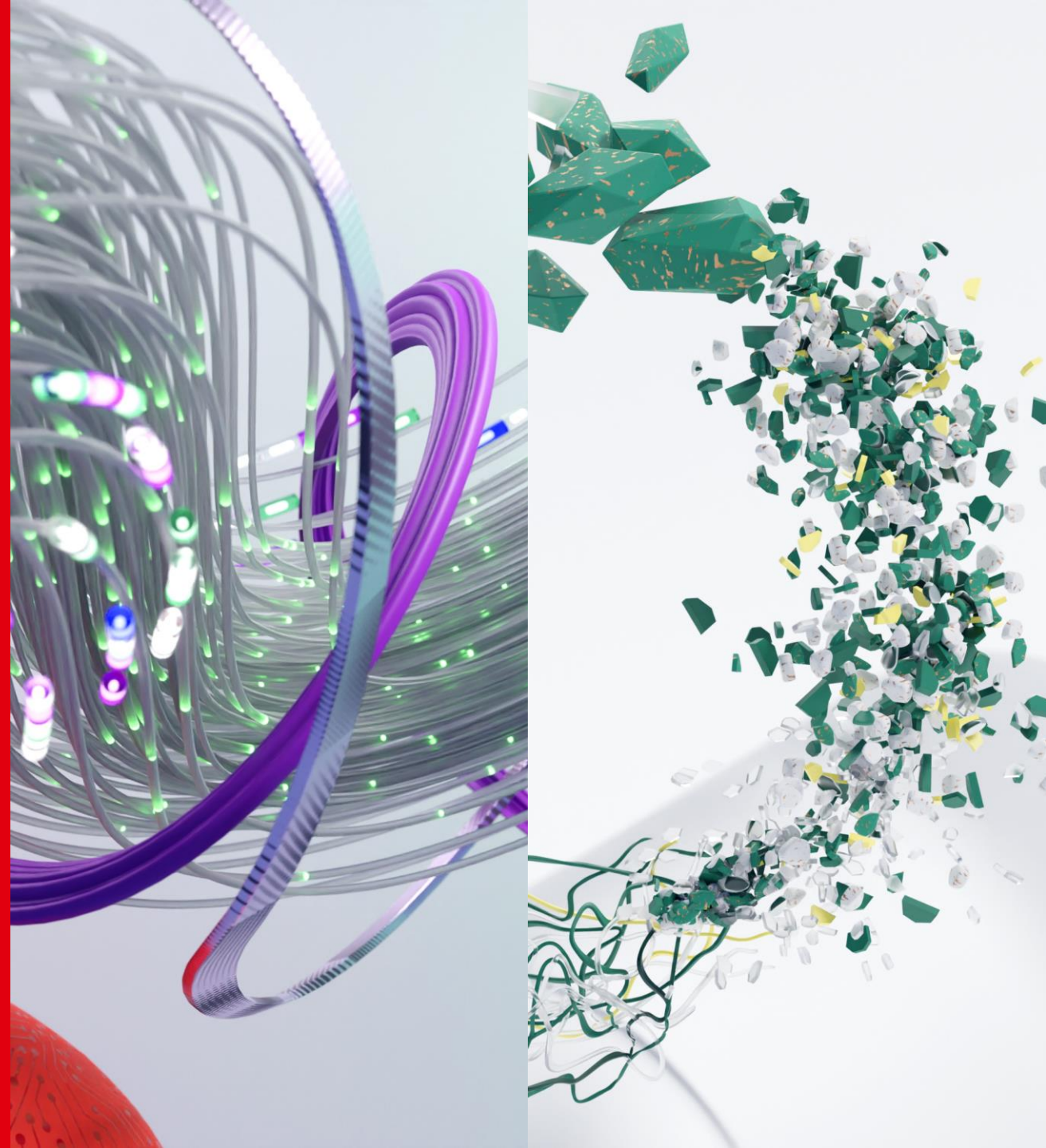
- PDM included into the Henkel Image for Workstations
- All local print servers **decommissioned**
- Central printer driver management in place
- Unisys MSO for Direct Print/Pull print solution established
- ~3,500 printers globally using **VPSX Direct Print**
- MFP Secure Print deployed on 500 devices globally
- MFP Secure Scan deployed on 100 devices globally

HENKEL DIRECT PRINT WITH LRS



AGENDA

- 01 ABOUT HENKEL
- 02 HENKEL DX & DIGITAL WORKPLACE
- 03 VPSX DIRECT PRINT ROLL-OUT
- 04 NEXT STEPS**



NEXT STEPS

Continuous journey to move printing service to the next level

- Refresh of hardware fleet ongoing
- Global **roll-out of MFP Secure Print and Scan** kicked off
- Project together with Unisys
- Aim: all MFD shall be equipped with pull-print and secure scan solution
- Zero-Trust & **Autopilot** readiness
- Infrastructure setup to move to a **cloud solution**
- Mobile printing using **native iOS functionality**
- SAP RISE & new output management system

Product Update and Roadmap

Mark Ladd & Jo Lang

Agenda

- R4 update – What's happened in the last year?
 - Language support
 - Ease of use
 - Origin
 - General Security
 - Database
 - VSPA
 - PPM
 - MFPsecure
- Mission Control with Demonstration
- Futures

Language Support

- Where we were -
 - English
 - French
 - Spanish
 - Italian
 - German
 - Russian

- And now –
 - Catalan
 - Czech
 - Danish
 - Dutch
 - Finnish
 - Greek
 - Hungarian
 - Korean
 - Norwegian
 - Polish
 - Romanian
 - Swedish
 - Turkish
 - Simplified Chinese
 - Traditional Chinese

Ease of use

- User Interfaces have evolved from basic list screens to modern administrative tools
- Printer dialogs both print and scan have evolved based on customer request
- Personal Print Manager evolution
 - Printer Driver Manager – command line or admin interface
 - PPM – Based on customer design imperatives
 - PPM today – highly functional print management tool with end-user simplicity in mind

LRS User Konferenz 2023 München Personal Print Manager (PPM)

The screenshot displays the Personal Print Manager (PPM) application interface, showing multiple overlapping windows. The main window is titled "Personal Print Manager" and features a sidebar with navigation options: Printers, Print Jobs, Profile, and Tour. The main content area is divided into several sections:

- JOB STATUS:** Includes checkboxes for Queued Jobs, Retained Jobs, and Failed Jobs.
- JOB TYPES:** Includes a checkbox for Only Delegated Jobs.
- JOB FILTERING:** Includes radio buttons for All Jobs, Secure Print, and Direct Print.
- JOB SORTING:** Includes a dropdown menu set to Newest First.

A search bar is located at the top right of the main window, with the text "Search on filename, printer name, or user". Below the search bar, two job entries are displayed:

- Microsoft Word - LRS Gateway - Configuring Azure AD authentication:** Printed to MY_DOCS_COLOR at 2021/05/12 17:38:42. Status: Waiting. Pages: 19. Copies: 1. Size: 3.1 MB.
- Travel declaration (1).pdf:** Printed to P350 at 2021/05/11 09:11:27. Status: Printed. Pages: 4. Copies: 1. Size: 206.2 KB.

The interface also includes a footer with the LRS logo and a Tour button.

The screenshot displays the LRS Output Management web interface. It features a navigation menu on the left with options like Printers, MFPsecure, Print Server, Security, Web, and Apps. The main content area is divided into a 'Print Server List' and a 'Dashboard'. The dashboard includes several gauges for 'Jobs/Min In', 'Jobs/Min Out', 'Total Jobs', 'Queued Jobs', 'Retained Jobs', 'Memory', 'Active Filters', and 'Available Spool Space'. A table on the right lists various printers with their job counts. At the bottom, a 'Printer Status' section shows the number of printers in different states: 476 Idle, 7 Stopped, 1 Error, 0 Int-Req, 2 Diverted, and 0 Printing.

Print Server List

Print Server	Jobs
AUTODEFINE_SAP	27
AUTODEFINE_SEND	748
DBNRZO	10
EXSTREAM_DUMMY	18
IN_BUNDLE	27
IN_PROGRESS	14
LRSUPD_DOCUMENTS	10
MY_DOCS_COLOR	14
ODS_PROCESS	9
OVERLAY_SAVE	16

Dashboard

Metric	Value
Jobs/Min In	0 jobs
Jobs/Min Out	0 jobs
Total Jobs	2.8 K jobs
Queued Jobs	2.6 K jobs
Retained Jobs	210 jobs
Memory	28.2 MB
Active Filters	0 Filters
Available Spool Space	324.3 GB

Printer Status

476 Idle	7 Stopped
1 Error	0 Int-Req
2 Diverted	0 Printing

MY_DOCS_COLOR/MLV x +

loopback/LRS/nlrswc2.exe/vpsx?stok=DBFD684C591A95D7ABA45CC967C137A0&srvid=VSV1&trid=VXVPJQ8

LRS
OUTPUT MANAGEMENT

Printers

MY_DOCS_COLOR

Output Queue (14)

Retained Queue (0)

Configure

MFPsecure

Print Server

Security

Web

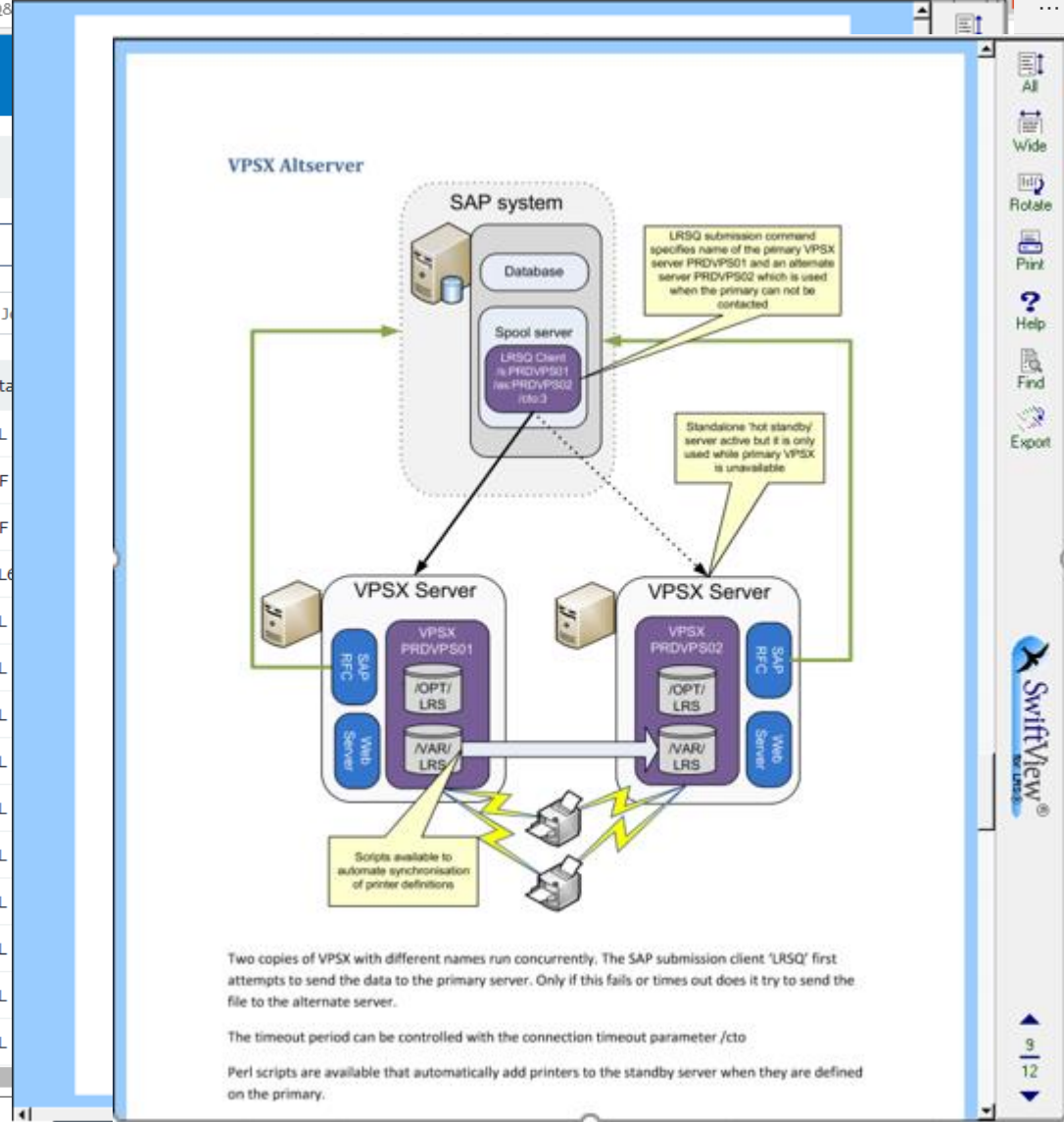
Apps

Printer Output Queue

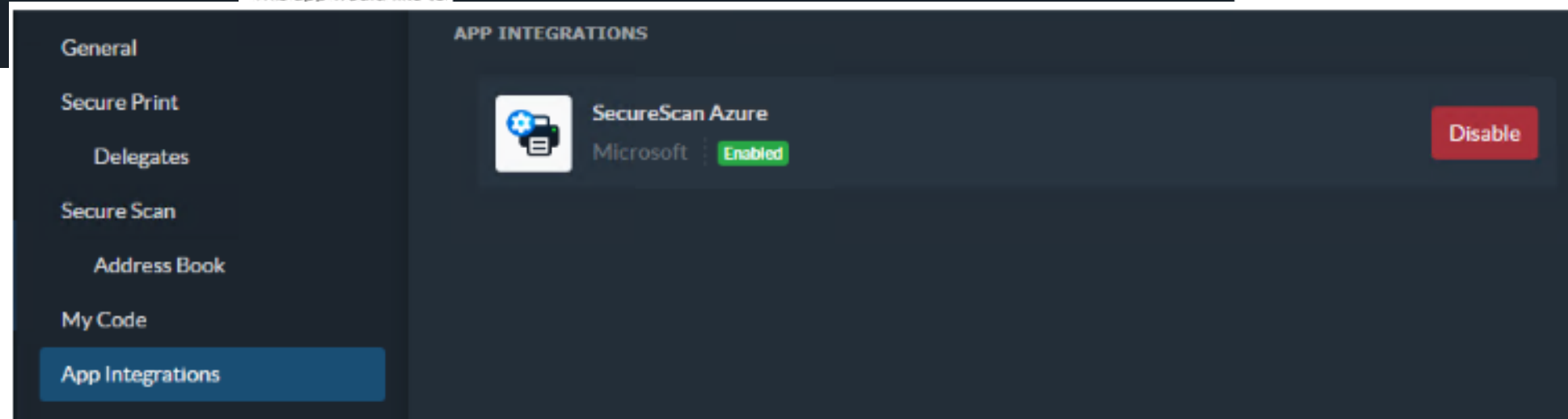
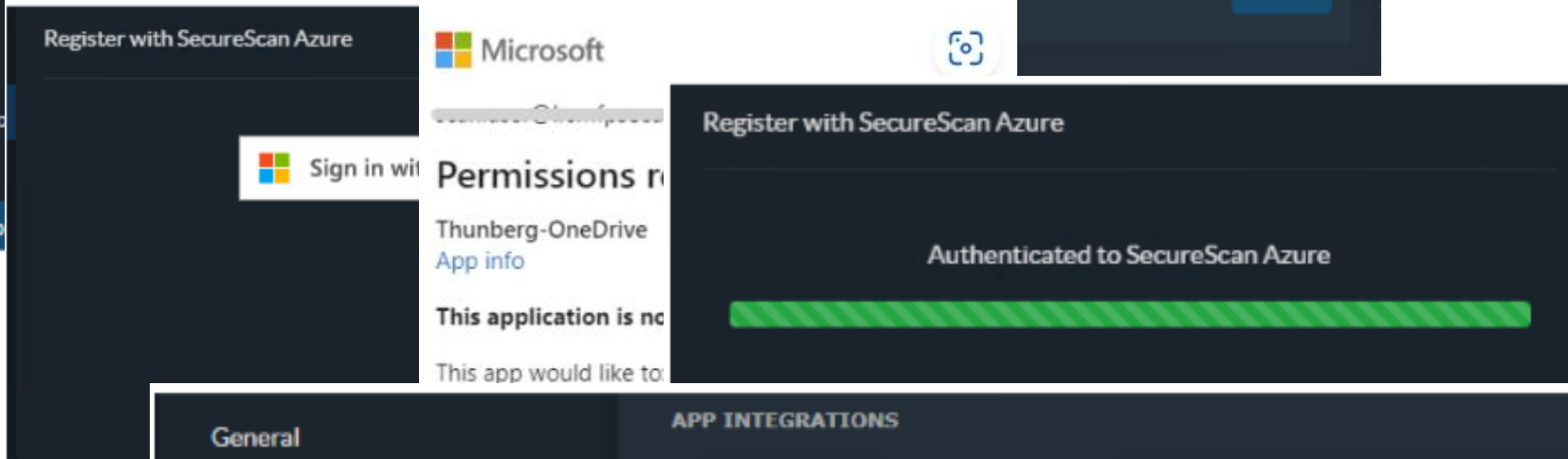
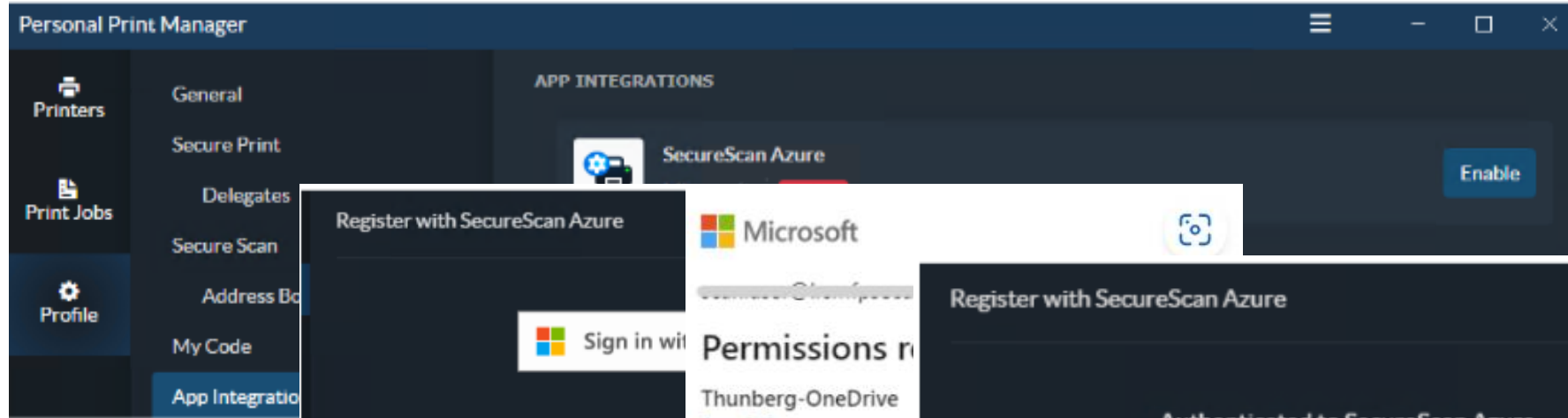
● MY_DOCS_COLOR MLVPSX1 - Secure Delivery
Idle

Bulk Actions Queue Command Table Columns

Spool ID	Creation Time	Copies	Pages	Data
00018127	11/06/2018 09:41:50	1	3	PCL
00018490	12/18/2018 11:42:23	1	4	PDF
00018510	12/18/2018 14:36:51	1	39	PDF
00020857	05/14/2019 11:29:11	1	4	PCL
00021355	09/03/2019 11:39:00	1	3	PCL
00018132	11/06/2018 10:15:36	1	8	PCL
00018133	11/06/2018 10:15:42	1	1	PCL
00018237	11/22/2018 17:24:30	1	6	PCL
00018238	11/22/2018 17:41:29	1	6	PCL
00018239	11/22/2018 17:45:04	1	6	PCL
00018240	11/22/2018 17:46:17	1	6	PCL
00018241	11/22/2018 18:07:18	1	6	PCL
00018242	11/22/2018 18:57:24	1	6	PCL
00018245	11/22/2018 18:59:08	1	6	PCL



Scan to OneDrive – user access token



Origin field

● MYQUEUE VPSGUY1 - ppq
Idle Command ▾

🔍 Bulk Actions ▾ Queue Command ▾ 1 → 1 (1) |< < > >|

Table Columns ▾ Job upload Refresh

Spool ID	Size	Newly renamed column	Delegate	Copies	Host	Origin	Creation Time	Error Time
00001773	67.1MB			1	GuysMacBook.local	MAC	2023/04/19 09:25:29	0000/00/00 00:00

Customize Column Headings

● LOGO_REALKREDIT_DANMARK MLVPSX1 - Add Danske bank logo and route to print
Idle Command ▾

Bulk Actions ▾ Queue Command ▾ Table Columns ▾ Job upload Refresh |< < > >|
1 → 2 (2)

Spool ID	Filename	Owner	Title	Job Name	Copies	Pages	Creation Time	VPS Printer	ZOS NAME	Reroute Printer
00001633	LINEN15.LINEN15L.JOB09947.D0000101.?	LINEN15	Doc Type A	LINEN15L	1	8	10/11/2023 17:41:15	DBN01A	POULSEN	DBN001
00001634	LINEN15.LINEN15D.JOB09949.D0000101.?	LINEN15	DOC TYPE B	LINEN15D	1	8	10/11/2023 17:41:17	DBN01A		DBN001

SNMP

- SNMP Property Updates at print time
 - We have long done this for LPD, SOCK, PJP and COT commtypes.
 - This enhancement adds IPP and IPPS commtypes to the list
 - SNMP must be enabled.

IPPS Status

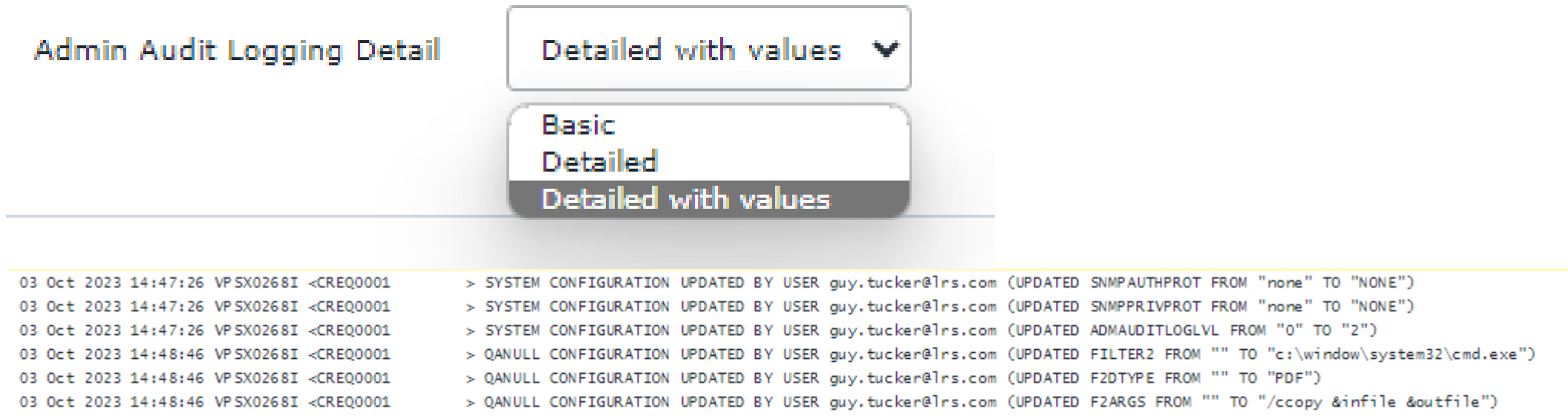
- Encryption to the device
- Jobs streamed using IPP / IPPS can be configured to track progress of the print job after streaming is complete.

IPP Options

- | | |
|---|--|
| <input type="checkbox"/> Use Content-Length encoding for IPP | <input type="checkbox"/> Reuse IPP connection when available |
| <input type="checkbox"/> Force IPP printers to autodetect data type | <input type="checkbox"/> Enable IPP clients to change printer status |
| <input type="checkbox"/> Limit IPP Get-Jobs response to My-Jobs | <input checked="" type="checkbox"/> Wait for IPP print job completion |
| <input type="checkbox"/> Obscure details in IPP Get-Jobs response | <input type="checkbox"/> Display media sheets processed while waiting for IPP print job completion |
| <input type="checkbox"/> Return all jobs to IPP Get-Jobs requests | |

Logging of queue and system changes

- A new keyword has been added that allows administrators to specify the amount of detail included in the VPSX log when a VPSX or Printer configuration change has been made.



Admin Audit Logging Detail

Detailed with values ▼

Basic

Detailed

Detailed with values

```
03 Oct 2023 14:47:26 VPSX0268I <CREQ0001 > SYSTEM CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED SNMPPAUTHPROT FROM "none" TO "NONE")
03 Oct 2023 14:47:26 VPSX0268I <CREQ0001 > SYSTEM CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED SNMPPRIVPROT FROM "none" TO "NONE")
03 Oct 2023 14:47:26 VPSX0268I <CREQ0001 > SYSTEM CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED ADMAUDITLOGLVL FROM "0" TO "2")
03 Oct 2023 14:48:46 VPSX0268I <CREQ0001 > QANULL CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED FILTER2 FROM "" TO "c:\window\system32\cmd.exe")
03 Oct 2023 14:48:46 VPSX0268I <CREQ0001 > QANULL CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED F2DTYPE FROM "" TO "PDF")
03 Oct 2023 14:48:46 VPSX0268I <CREQ0001 > QANULL CONFIGURATION UPDATED BY USER guy.tucker@lrs.com (UPDATED F2ARGS FROM "" TO "/ccopy &infile &outfile")
```

PPQ masking

The screenshot displays a printer management application interface. On the left is a dark blue sidebar with a list of printer-related categories: Printers, PersonalQs (highlighted in light blue), MFPsecure, Mobile Connector, Innovate/Audit, Print Server, Gateway, Security, and Apps. The main area shows a search bar with 'Printer' and a 'Masking' button. Below the search bar are 'Add' and 'Refresh' buttons. A 'PersonalQ' list on the left contains two entries: 'MYDIRECT' and 'MYQUEUE'. A configuration dialog is open over the 'MYQUEUE' entry. The dialog has a 'Location' dropdown set to 'All locations'. It features three input fields for 'PersonalQ Mask', 'Group Mask', and 'VPSX Mask'. Below these are two numeric spinners for 'Output Queue Minimum' and 'Retained Queue Minimum', both currently set to 0. The dialog also includes several checkboxes: 'PersonalQ Status' (Selected, Idle, Stopped, Error, Diverted), 'Device Properties' (Color, Duplex, Staple), 'Driver' (Windows, Linux/Mac, Not Specified), and 'Set as Default'. An 'OK' button is located at the bottom right of the dialog.

Security hooks

Security

- Dashboard
- Configure
- Log
- Active Users
- Guest Users
- Users
- Groups
- Mobile Devices

+ MFPsecure Options

+ Mobile Connector Options

+ Innovate/Audit Options

- SSL Options

SSL CA File * C:\work\hw07068.lrsinc.org.cer

TLS Minimum Version TLS 1.0 ▼ **Deprecated**

+ Proxy Options

LRS/Gateway

- LRS/Gateway
 - Linux support came out with R4
 - Fix Level 2 now includes PostgreSQL support

PPM / VSPA

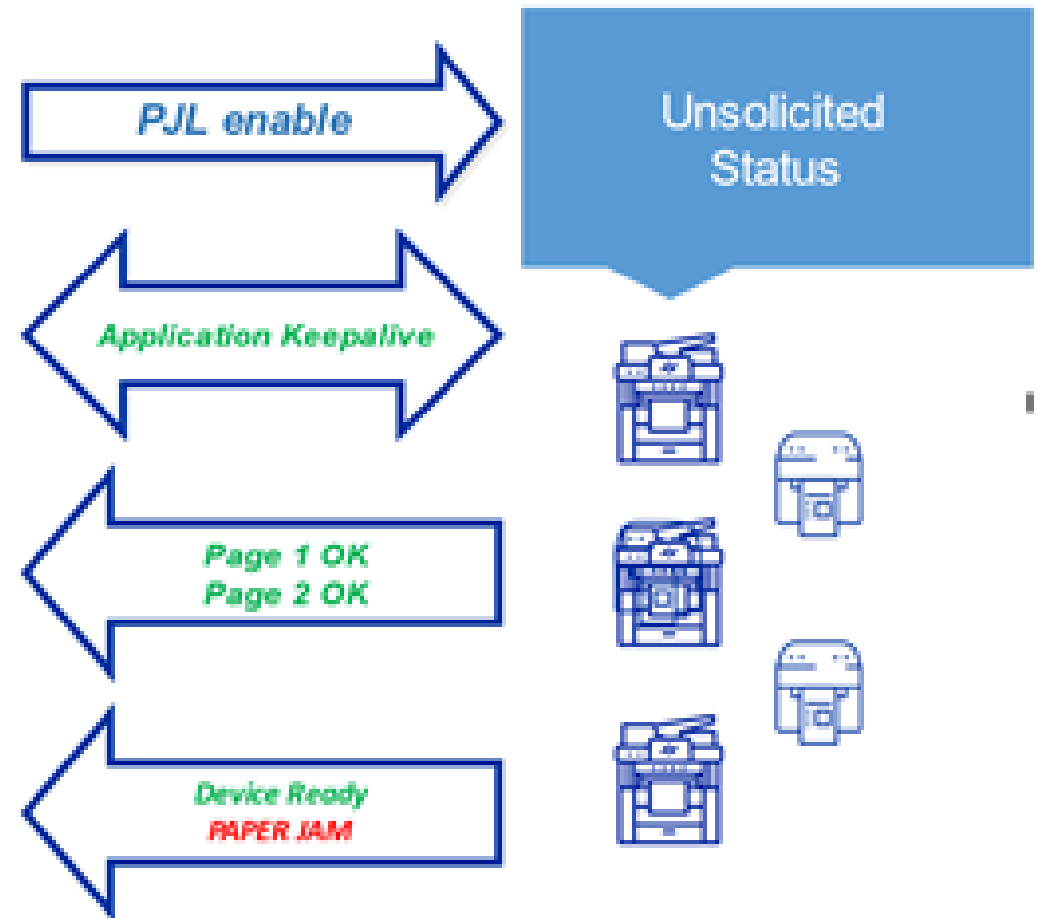
- Color scheme better fits into the VPSX R4 look and feel
- If a default printer is changed in PPM, it gets reported back to Gateway for continuity
- Also, Default Printer can roam bound either to the user or terminal
- And a Direct printer can be a default.

PPM / Default printer and Proxy

- What is a Proxy? (or forward proxy in this case)
- Operating System Environment Variables
- System vs. User context
- Talking to printers
- PDM vs. PPM vs. Broker

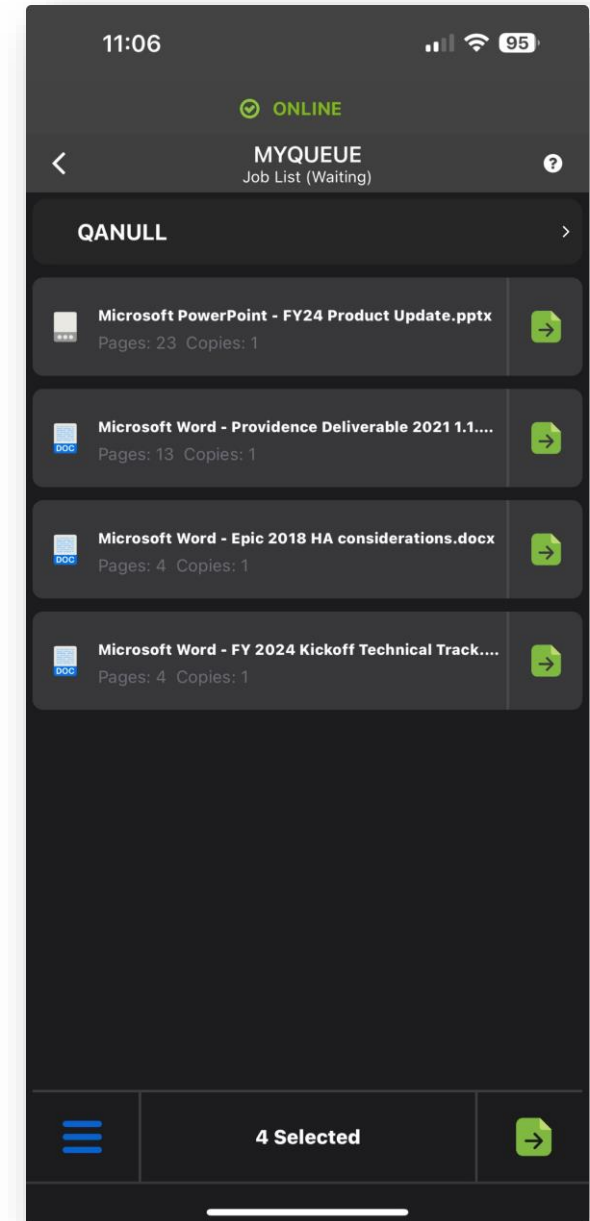
Assured Delivery LRS PjL Delivery

- Advantage of PjL for page level delivery
- Long standing proven method that LRS products have used
- Now extended to Zebra and SATO label printing



VPSX Print APP

- Active-Active NLB is getting more common.
- Before, however, the print release app would list only one server's worth of jobs.
- This has been enhanced to show jobs in multiple VPSX instances of the PPQ



Controlling print behavior from the fleet

The screenshot displays the LRS fleet management interface. On the left, a navigation menu for 'Machine Administrator' includes sections for 'Secure Print' (Advanced), 'Black and white', and 'Two-sided (Print)'. A central sidebar lists various management areas: Printers, PersonalQs, MFPsecure, HW08284.LRSINC.ORG, Dashboard, Users, Agents, Configure (highlighted), Logs, Mobile Connector, Innovate/Audit, Print Server, Gateway, and Security. The main content area shows configuration settings for a printer, with an 'Update' button at the top. The settings include:

- Automatically close Secure Print application after a successful print or delete. Timeout value: 60 (0-60 seconds)
- Enable Print & Keep
- Enable no-touch release
- Print all queues
- Enable one-touch release
- Override Printer List URL
- Enable advanced print options

Additional settings include:

- Cache the printer capabilities from the print server: 168 (0-168 hours) Disable
- Job name format: %JOBNAME% - %DATE% %TIME%
- Sort jobs by: Date ascending
- Cache the user alias: 24 (0-168 hours) Disable
- Cache the user preferences from PPM: 24 (0-168 hours) Disable

Any
Questions



A person in a white shirt is interacting with a modern, white multifunction printer. The printer's lid is open, and a tablet is mounted on the front panel. The person is holding a smartphone in their left hand and touching the tablet screen with their right hand. The background shows an office setting with a red cabinet and a black chair.

State of the art Scan

Joachim Lang

MFPsecure/Scan

- MFPsecure/Scan streamlines digitization and document routing processes
- With advanced, user-friendly, customizable tools for automated document capture, processing, and secure distribution. With MFPsecure/Scan, your scan device becomes a full workflow engine that saves time, eliminates errors, and improves business processes.

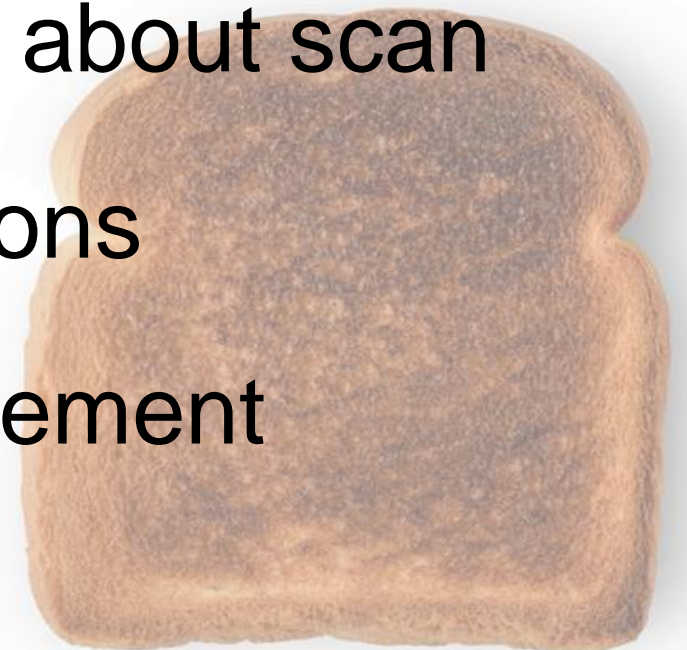
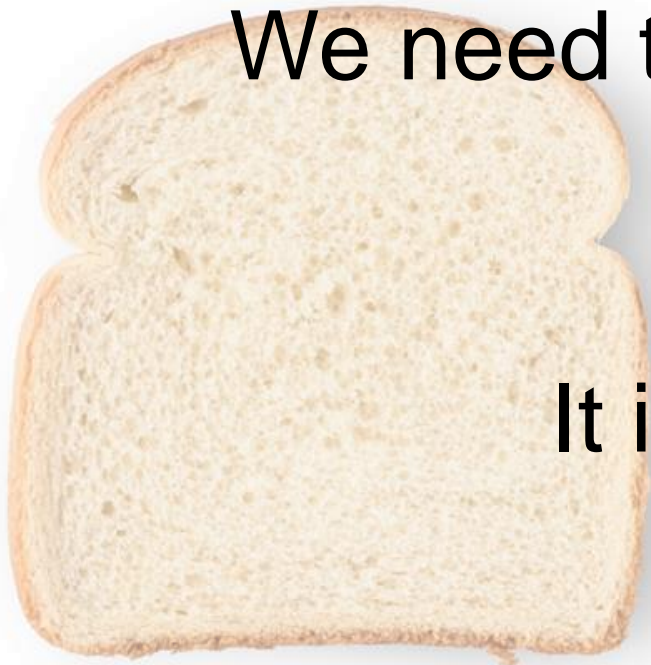


The way forward

We need to change how we think about scan

It is not about destinations

It is about process improvement



Order: 54018



9 0 6 0 1 7 7 1 0 6 0 3 1 2

Country Code: US 1 of 1 220 LB
100 KG

Ref Number: 50618 Stock code: 30180



FRAGILE



Changing the paradigm

Reading the document

- Text of course
- Barcodes?
- QR Codes?
- Zone-based information?

...RANGER 4-...
...ER OUTLET, 120 V...
...RASONIC REAR PARKING

...SIST
...OWER SUNROOF
...AIRBAGS, REAR SEAT MOUNTED
...PREMIUM 9 SPEAKER SYSTEM

TOTAL OPTIONS	\$2,790.00
TOTAL VEHICLE & OPTIONS	\$29,035.00
DESTINATION CHARGE	750.00
TOTAL VEHICLE PRICE*	\$29,785.00

A word on authority

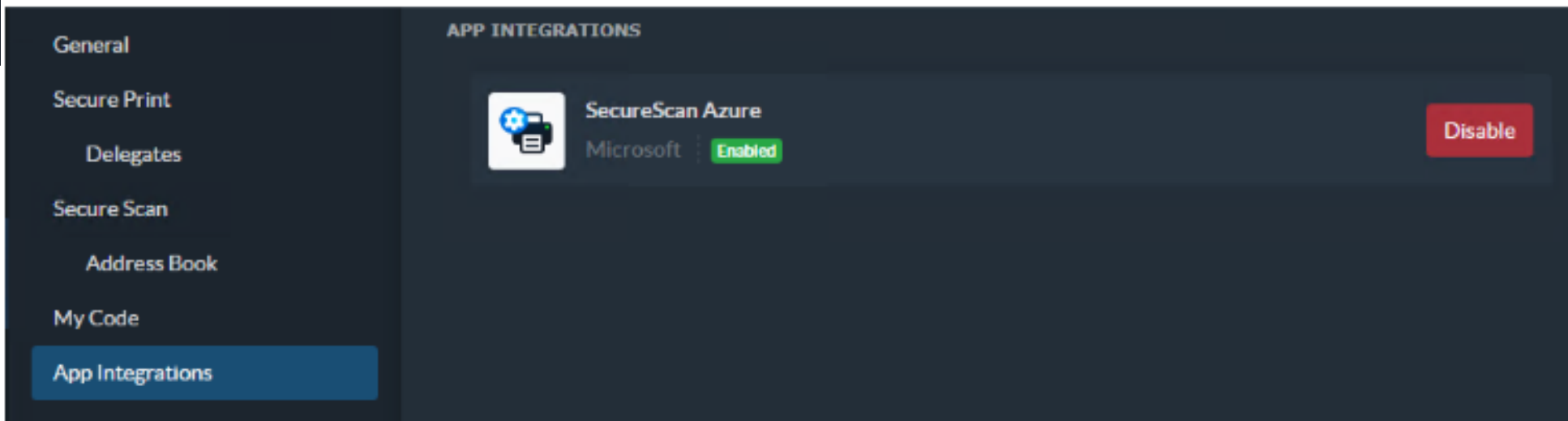
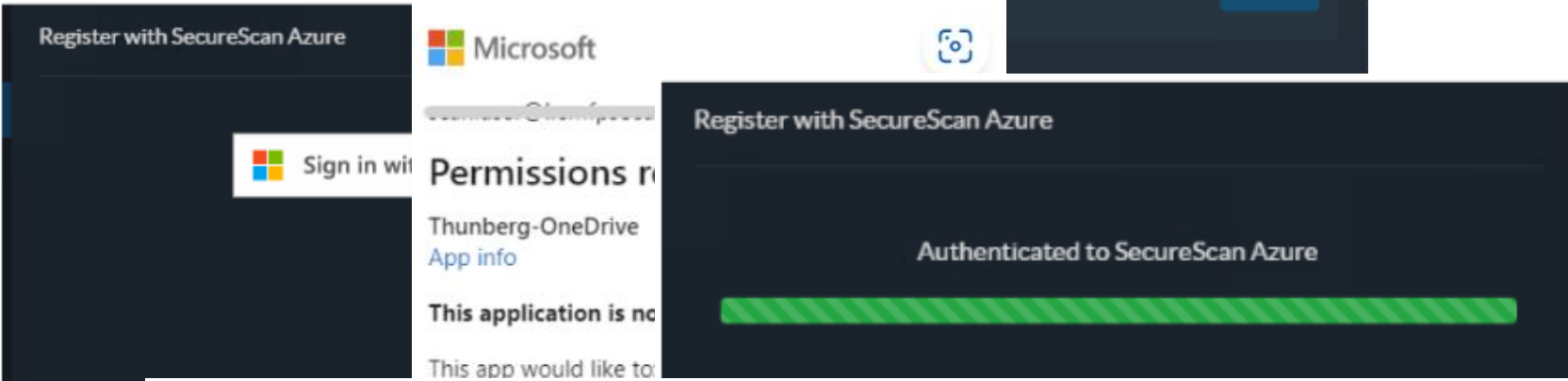
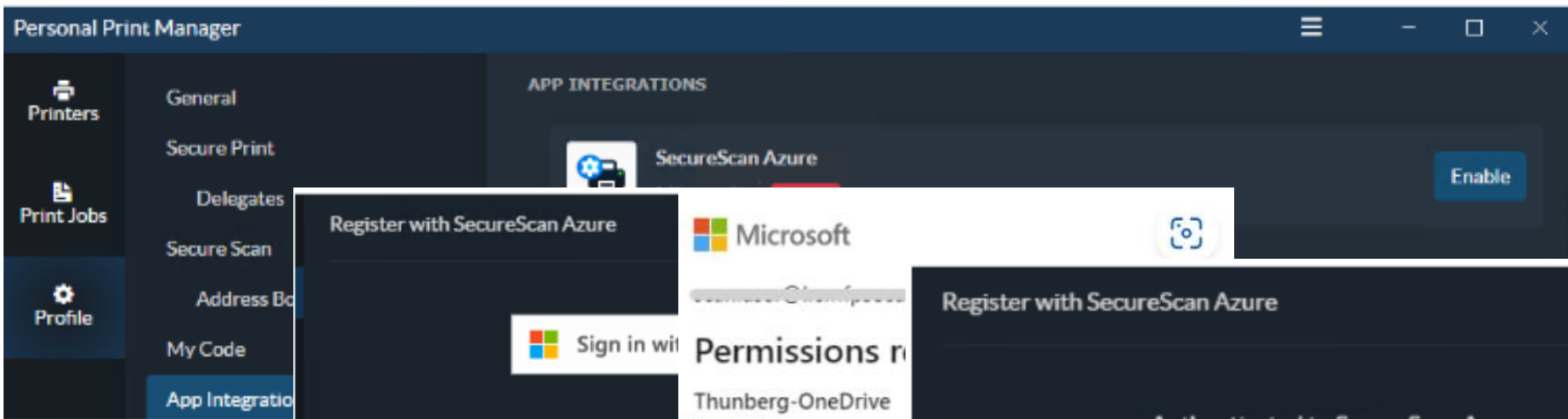
- MFPsecure requires user authentication
- Once the user is known, this is used for later processes
 - Folder access
 - Database updates
 - API user authentication

More on Authentication

- Security vs. Usability
- Badge taps
- MyCode
- User and Password
- Futures?



Scan to OneDrive – user access token





A note on Usability

- Card enrollment
- Set up in advance
- Token creation (Azure)
- Code maintenance

Set and forget

- All administration done centrally
- Authority and permissions from external sources
- Can be customer-configured
- LRS assistance always available



A 3D hexagonal grid structure with various red icons and the text "USE CASE". The icons include a large red arrow pointing right, a gear, a hand holding a pencil, a circular arrow, and a magnifying glass. The text "USE CASE" is prominently displayed in the center of one of the hexagons.

**USE
CASE**

An energy company

- A batch of orders is scanned. The orders are separated by covers sheets.
- The Cover sheet has barcodes and text. The scan process resolves the barcodes and looks for text (OCR) on the cover sheet.
 - The values are evaluated for recognition, and to ensure all values are present
- IF all are available, then the document triggers a later application flow
- If not, then the document triggers a human process or, if the document is bad enough an Error workflow, to sort the problem

Construction company

- Faxing is still a heavily used technology
 - It is secure.
 - It provides a physical proof of delivery to the user
 - It is easy to set up.
 - But it requires another machine.
- Electronic means and orders are nice but
 - They require a network-based computer
 - And knowledge of how an application works
 - And a user that is logged onto the machine.
- These concepts can be difficult to cover in a construction scenario

Construction company

Using LRS Scan technology

- The construction site scans the document providing a fax number in the UI
- The backend scan technology notes the printer's name. The document and number are sent to a web-based fax service.
- Success or failure is returned by the web-based service
- This status is emailed back to the LRS server with the printer name noted
- As such, the success or failure is printed on the device.

Construction company

- NO user had to be logged in.
- The sender got their confirmation
- The MFP needed no fax card or phone line, just connection to the network.

Any
Questions



LRS User Konferenz 2023

München Mittagessen & Networking



LRS und SAP in der neuen Welt

Joachim Lang

Themen

- LRS – alte Welt
- LRS - Zwischendrin
- LRS - Neue & alte Welt

Was bietet LRS

- Von Anbeginn
- Was kam dazu
- Neue Features

SAP Druck ändert sich

Früher war SAP Output nicht “Fully composed”. Durch LRS:

- ✓ Geräte-unabhängiger Druckdatenstrom
- ✓ Keine Abhängigkeit von SIMMS und DIMMS
- ✓ Generische Gerätetypen (SAPGOFU and ZPL)
- ✓ Unicode Ausgabe auf allen Laserdruckern
- ✓ Barcodes Ausgabe auf allen Laserdruckern
- ✓ Schriften werden selektiv in die Druckdaten eingemischt weil SAP das nicht macht und Unix Systeme Windows Fonts nicht lizenziert haben.

Gesicherte Druckausgabe

Geräteunabhängigkeit

Generierung von Barcodes &
Druckerschriften

SAP Evolution bis heute

- ✓ SAP Kunden mussten Adobe Document Server (ADS) nutzen.
 - ✓ Bietet umfangreich gestaltete Dokumente, bereit zum Druck – Keine Font- oder Barcode Module werden im Drucker benötigt.
 - ✓ Viele Kunden nutzen aber nach wie vor alte Formate wie SAPScript and SmartForms. LRS Transforms werden also immer noch in vielen Fällen benötigt.
- ✓ Funktionen kamen hinzu, die es den SAP Basis Admins Leichter gemacht haben, Druckerdefinitionen zu verwalten.
- ✓ Es wurde Leichter, Druckerdefinitionen über SAP Systeme zu verteilen.
- ✓ SAP erstellte mit Unterstützung durch LRS eine API zur Verwaltung von Druckern. Das EOS Replicate Skript entstand und SAP Drucker können direkt aus VPSX ohne SAP Interaktion verwaltet werden.

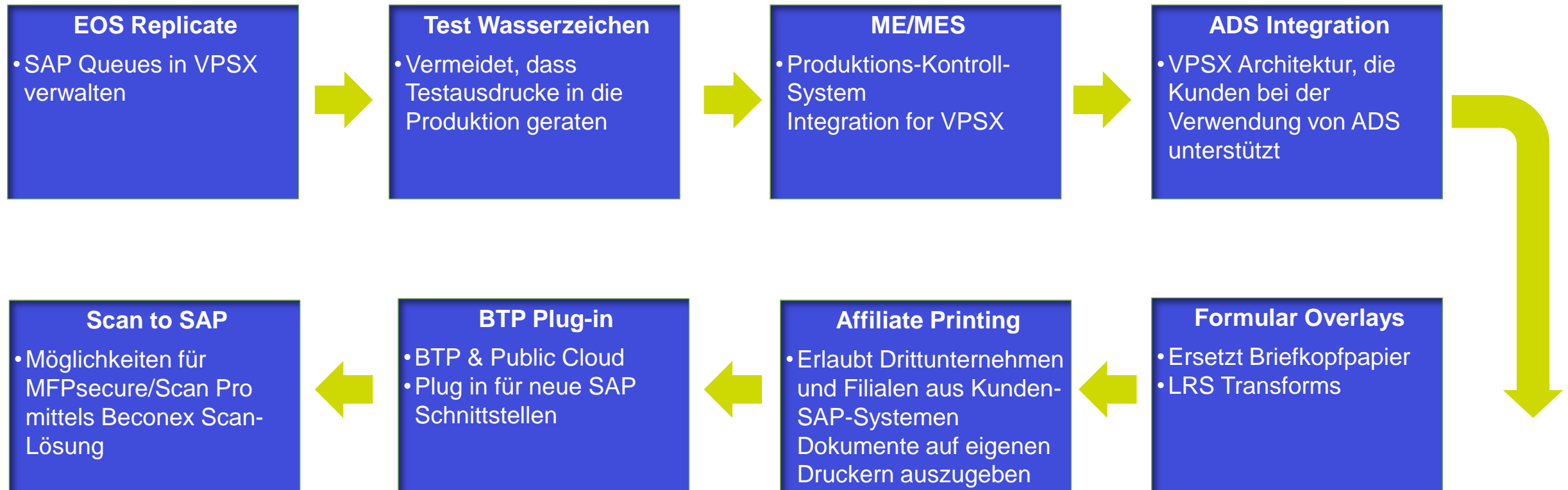


SAP wechselt zu ADS

SAP erstellt druckfertige
Dokumente

LRS / SAP entwickeln eine
Drucker
Synchronisierungsfunktion

LRS liefert anhaltend Mehrwert und neue Funktionen





EOS Replicate

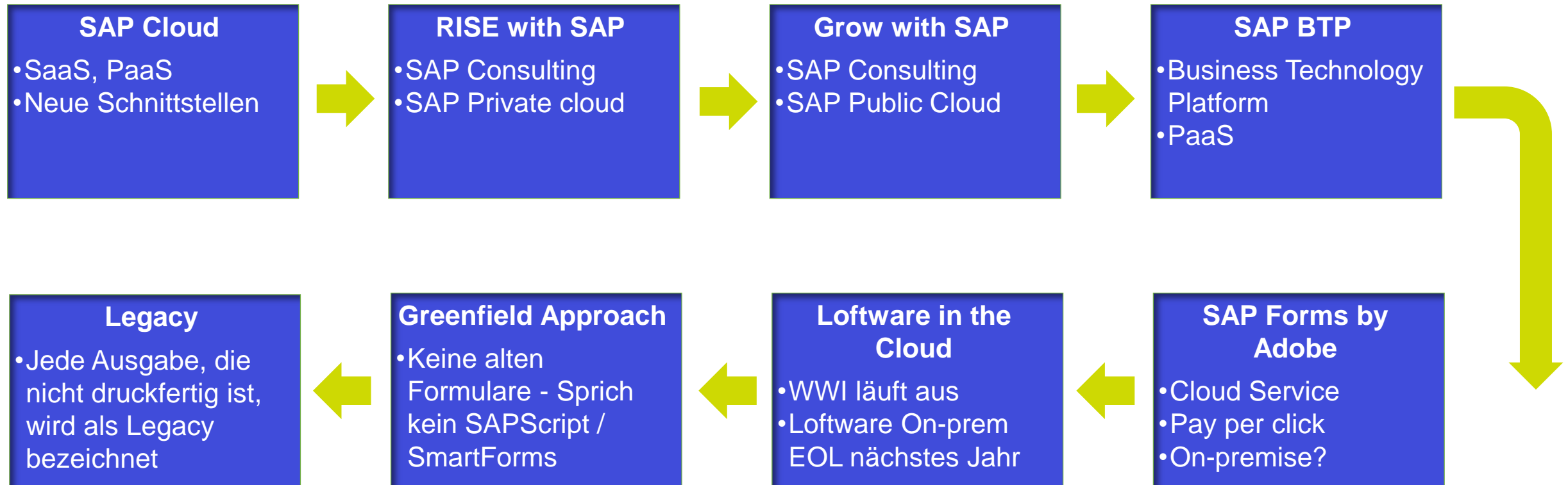
- Automatische SAP Drucker Definitionen in allen Systemen
 - Kein Zeitaufwand für SAP Basis für Druckerverwaltung
 - Neue Drucker und Änderungen in Minuten
 - Kann mit einem IMAC/D Prozess verknüpft werden
- Zeitbedarf für Druckprobleme sinkt für SAP Basis und Programmierung auf Null
 - Projekte werden nicht mehr durch tägliche Supportaufgaben und Druckproblemen unterbrochen
 - Fühlt sich an wie 25% mehr Personal
- Sichere Zustellung
 - SAP Output geht nicht mehr verloren oder wird doppelt produziert



Affiliate Printing

- Unterstützt SAP Drucker für Drittunternehmen
 - Business Partner haben Zugriff auf Kunden-SAP-System
 - Business Partner haben eigene Druck-Infrastruktur
 - Internet Only Zugriff für Partner
- SAP Infrastruktur Vereinfachung
 - Business Partner VPN's werden nicht mehr für SAP Druck benötigt
 - Keine speziellen Portöffnungen nötig
- SAP Lieferkette wird unterstützt
 - Business Partner drucken kritische SAP Labels und Dokumente auf eigenen Druckern

... aber jetzt geht es nur noch um S4/HANA und die Cloud



Wo soll es laufen?

Geht es um...	... und um SAP Software...	LRS Komponenten	LRS Software Standort	Wer hostet/verwaltet die LRS Software?	Unterstützt LRS das?
S/4HANA on-premise	Onsite	VPSX Output Manager	Onsite oder Cloud	LRS, 3rd party oder Kunde	Yes
S/4HANA on-premise	Cloud / IaaS	VPSX Output Manager	Onsite oder Cloud	LRS, 3rd party oder Kunde	Yes
S/4HANA Cloud, Private edition	Cloud / SAP	VPSX Output Manager	Onsite oder Cloud	LRS, 3rd party oder Kunde	Yes

SAP Editionen & Schnittstellen

SAP Lösung		Technische LRS Schnittstelle
SAP S/4HANA OnPremise		S/4-BC-XOM
SAP S/4HANA Cloud, private edition	RISE with SAP	S/4-BC-XOM
SAP S/4HANA Cloud, public edition	GROW with SAP	S/4HC-PUB-PRINT-OMS
SAP BTP Business Technology Platform	RISE with SAP	BTP-PRINT-OMS
	GROW with SAP	
	OnPremise	

SAP Angebote

SAP Solution	Technische LRS Schnittstelle
SAP Manufacturing Execution (ME)	IPPS (durch die Bindung an einen Standard Print Provider)
SAP Digital Manufacturing Cloud (ersetzt ME)	BTP-PRINT-OMS
SAP Employee Central Payroll (ECP) (SuccessFactors)	Berkley (mangels anderer Schnittstellen)

ADS und Änderungen mit Business Suite 7



Adobe Document Services out of support in 2027 – verlängerte Wartung bis Ende 2030 verfügbar

- Es wird ein “Pay per use” (auch Preview) Click Charge Modell
- Kunden müssen zu “SAP Forms by Adobe” wechseln, der ein BTP Service ist
- Wird OnPremise möglich sein?



SAP Standarddokumente for Adobe Document Services UND SmartForms/SAPScript werden ebenso nicht mehr unterstützt.

- Business Dokumente werden NUR in der neuen Business Technology Platform (BTP) unterstützt und gewartet.

... und was ist mit Etiketten?

- SAP arbeitet mit Loftware an einer neuen Cloud-basierten “Global Label Management”-Lösung (GLM), die eine Druckmanagement Komponente enthalten könnte, oder auch nicht.
- Das geplante Erscheinungsdatum für GLM ist Dezember 2024
- Das ersetzt die jetzige SAP Windows Word Integration GLM Lösung



SAP S/4HANA Migrations Strategie



**Bestands-
Upgrade ECC 6**

**Ohne existierender
Output
Management
Lösung**



**Bestands-
Upgrade ECC 6**

**Mit existierender
Output
Management
Lösung**



**Greenfield SAP
S/4HANA**

**Bedarfsermittlung
für Druck- und
Outputaufgaben**

SAP S/4HANA Implementierung

Wo?

SAP Infrastruktur

- On Premise
- S4/HANA Cloud, Private (früher HEC)

Wer?

Infrastruktur & Übergang verwaltet von

- Unternehmen
- Hosting Partner (IaaS)
- Outsourcer (SaaS)
- SAP (SaaS)

Was?

SAP Druck-Infrastruktur

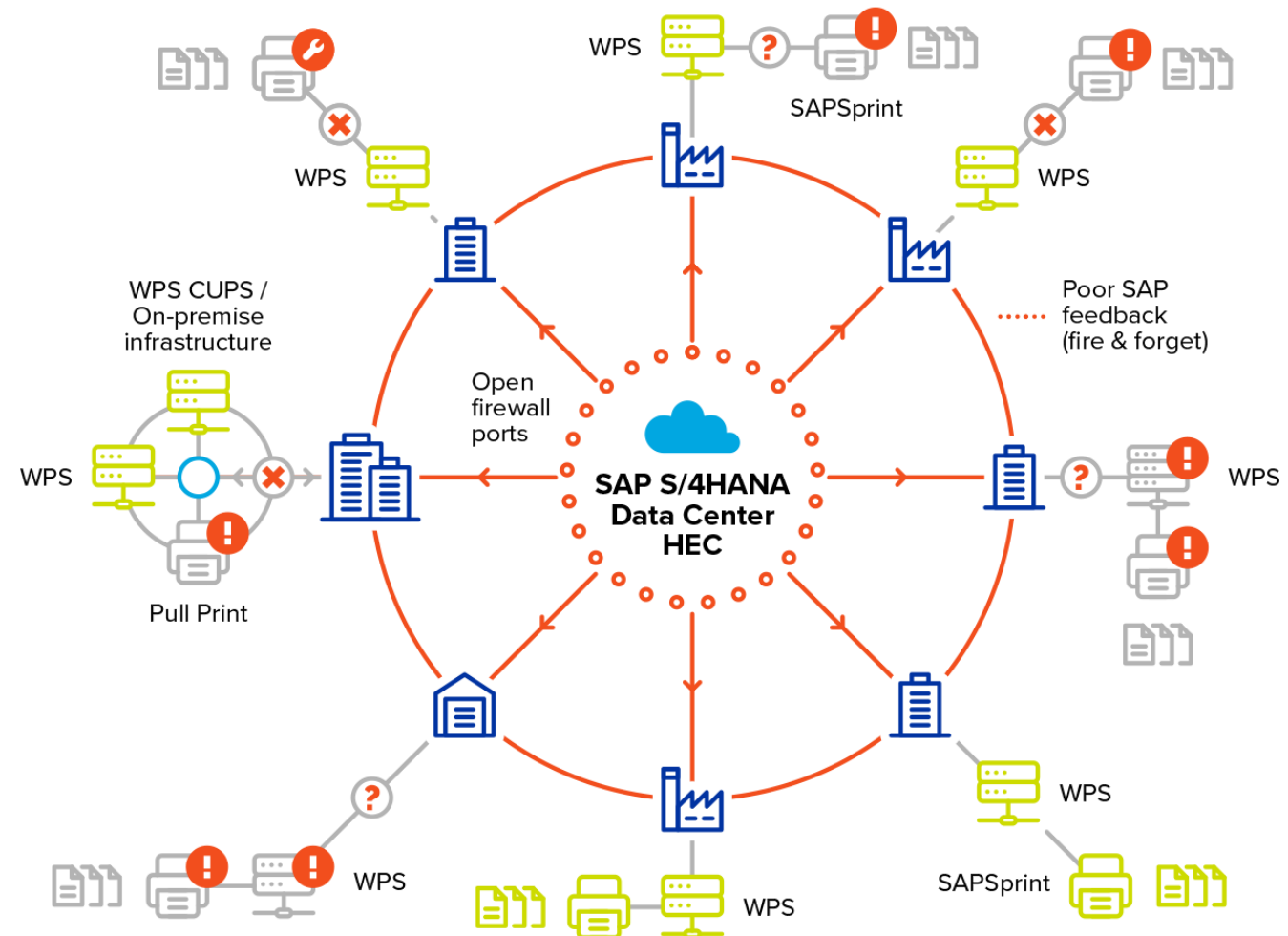
- On Premise
- S4/HANA Cloud, Private (was HEC)
- EMS

Typische SAP Output Umgebung

BEFORE

Typical SAP S/4HANA Cloud for Any-Premise Deployments

- ! Hundreds of firewall port openings
- ! 50+ distributed Windows Print Servers (WPS)
- ! Complex change control (printer add/change/delete)
- ! IT infrastructure / operational complexity
- ! SAP print outages
- ! Increased TCO

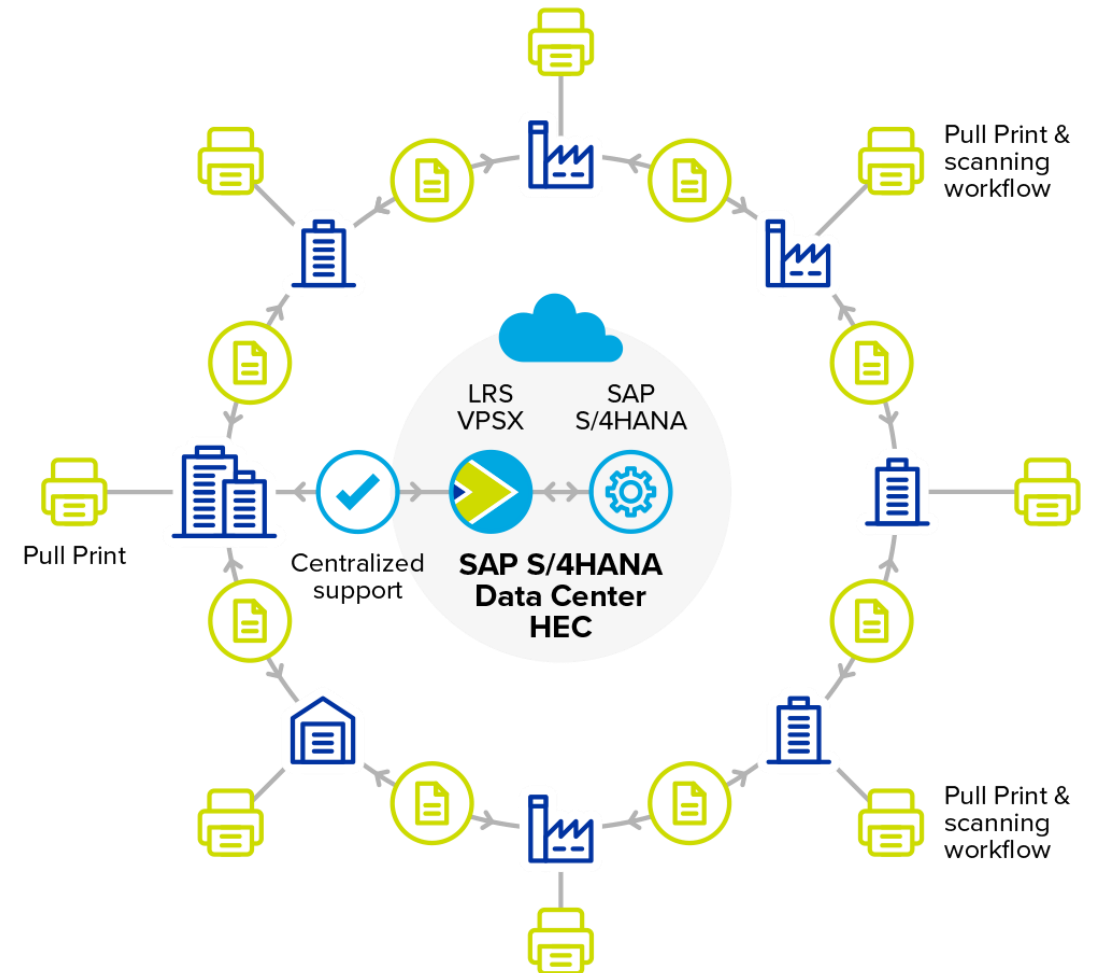


LRS Output Management für SAP

AFTER

LRS Output Management SAP S/4HANA Cloud for On - Premise Deployments

- ✓ Limited firewall port openings
- ✓ Simplified IT infrastructure (no WPS, SAPSprint or CUPS required)
- ✓ 100% SAP print availability
- ✓ Simplified migration
- ✓ SAP print feedback
- ✓ SAP approved
- ✓ Reduced TCO



Was LRS unterstützt

- LRS bietet eine Lösung für alle Standorte und SAP Angebote (OnPremise, Public Cloud, Private Cloud und BTP)
- Die LRS Lösung läuft On Premise, in der Cloud oder Hybrid und kann von LRS, einem IaaS Provider oder dem Kunden betrieben werden.

SAP Solution	Technical Interface Used by LRS
SAP S/4HANA OnPremise	S/4-BC-XOM
SAP S/4HANA Cloud (private edition)	S/4-BC-XOM
SAP S/4HANA Cloud (public edition)	S4HC-PUBLIC-OMS
SAP BTP Business Technology Platform	BTP-PRINT-OMS
SAP Digital Manufacturing Cloud (replaces ME)	BTP-PRINT-OMS
SAP Employee Central Payroll (ECP) (SuccessFactors)	Berkley (network addressability, working with SAP on a way forward)

Schlüsselelemente für SAP Greenfield-Umgebungen

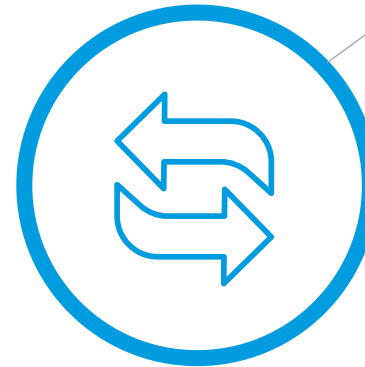
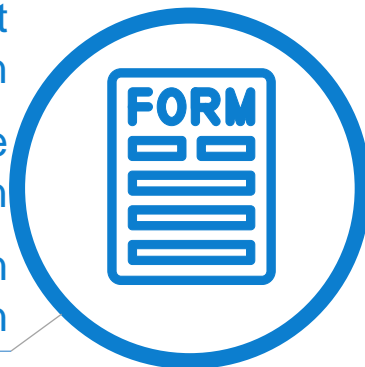
Barcode & Label Druck (Automation)

- Braucht Geräteunterstützung über Laseerdrucker hinaus
- Spezielle Barcodeformate für Zebra, SATO, Printronix, Toshiba, & others



Formulare

- Spezielle Formatierung unterstützt Geschäftsanwendungen
 - Sicherheitsmerkmale wie Wasserzeichen
- Neue SAP Versionen werden Änderungen erfordern

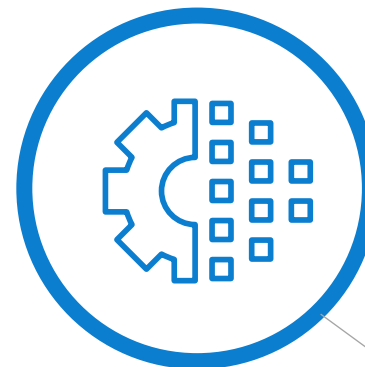


Datenkonvertierung

- Bietet Flexibilität in Ausgabeformaten und -geräten
- Erweitert die Möglichkeiten der Verwendung ohne die SAP Basisanwendung zu ändern

Digitale Transformation

- Scan / Imaging Funktionen schließen die Kette in kritischen Dokumentenabläufen
- Cloud - Ready ist ein wesentlicher strategischer Vorteil



Welche technischen Funktionen sind mit dem SAP Bestands-Druck verbunden?

- ✓ Kritischer Produktionsdruck
- ✓ Geräteunabhängige Druckdaten
- ✓ Unicode auf jedem Laserdrucker
- ✓ Barcodes auf jedem Laserdrucker
- ✓ Konvertierung von Prescribe (Kyocera) in Standard PDLs
- ✓ Generischer Gerätetyp SAPGOFU
- ✓ SIMMS und DIMMS ersetzen
- ✓ LRS lizenzierte Fonts, weil Windows Schriften auf Unix Systemen NICHT LIZENSIERT sind

All Kernfunktionen

Gesicherter Ausdruck
Geräteunabhängigkeit
LRS Datenkonvertierung

Business Values

- ✓ Reduzierung der Total Cost of Ownership (TCO)
- ✓ Verbesserung des Service
- ✓ Dokumentausgabefehler vermeiden, die einen Einfluss auf den Geschäftsablauf haben
- ✓ Beseitigung der Abhängigkeit von teuren und unsicheren Windows Druckservern
- ✓ Reduzierung der Beteiligung des SAP Basis Teams in Druckangelegenheiten

Die drei K:

(weniger) KOSTEN
(mehr) KONTROLLE
(weniger) KOMPLEXITÄT

Kosten reduzieren, Service verbessern

Eine Lösung für alle SAP Editionen, Angebote, Architekturen und Standorte

- ✓ BTP Plug-In
 - ✓ Eigene Entwicklung
 - ✓ SAP Angebote wie DMC (Digital Manufacturing Cloud)
- ✓ BC-XOM Zertifizierung
 - ✓ On Premise
 - ✓ Private Cloud - Works with RISE with SAP
- ✓ Public Cloud Plug-In
 - ✓ Grow with SAP
- ✓ SAP SuccessFactors ECP (Employee Central Payroll)

Wesentlich:

**Welche Ausprägung von SAP
auch immer, LRS hat eine
Lösung**

Kosten reduzieren, Service verbessern

- ✓ Beseitigung der Abhängigkeit von teuren und unsicheren Windows/CUPS Druckservern
- ✓ Vertikale Skalierbarkeit, dadurch weniger Server
- ✓ Keine gezielten Viren auf LRS Dienste

LRS benötigt weiterhin keine
Windows oder CUPS
Druckserver

Kosten reduzieren, Service verbessern

Keine Beteiligung des SAP Basis Teams an täglichen Druckproblemen und Wartung des Druckspoolers

- ✓ Automatisierte Verwaltung der Druckerdefinitionen über viele SAP Instanzen
- ✓ Befähigung des Help Desk für SAP Themen
- ✓ Vereinfachtes Formulardesign (Schachtzuordnung und Finishing Optionen)
- ✓ Nach LRS Studien reduziert dies den Aufwand für SAP Basis Ressourcen um 25%

Entlastung der SAP Basis Team Aktivitäten in Bezug auf das Drucken

Kosten reduzieren, Service verbessern

Vermeidung von Dokumentenerstellungs und –
zustellungsproblemen mit Einfluss auf den
Geschäftsprozess

- ✓ Gesicherte Zustellung kritischer SAP
Dokumente
- ✓ Bietet die Zusammenstellung von
Druckjobs auf Bedarf
- ✓ Bietet die Integration in Lager- und
Produktionssysteme

**Und schließlich:
Stellt sicher, dass
Druckprobleme nicht zu
Business Problemen werden.**

Any
Questions



LRS Support Portal and Knowledgebase

Demonstration Video

New LRS Support Site and Knowledgebase

Many benefits, including:

- Online case management
- Option to subscribe to product update notifications
- Streamlined process to request maintenance
- A knowledgebase with FAQs, release notes, tech tips, and other useful information
- A modern look and feel with a powerful search engine
- Improved security with an option for Single Sign-On (SSO)

LRS Support Site

Find the answers you need when you need them

Search (minimum 3 characters)



OPEN A SUPPORT CASE

Request Support



MAINTENANCE REQUEST

Request Maintenance



KNOWLEDGE BASE

Browse and Search for Articles

Announcements

Testing the portal announcement



My Recent Cases

Maintenance Request - 2023-06-05
CS0073068 • about an hour ago

VPSX case
CS0073067 • about an hour ago

Needs Attention

No records found

Create Case

Submit a case about your asset and our support team will assist you.

*Account

Contact

Asset

Priority


*Subject


*Description


Submit


VPSX case

Type your message here... Send

 Kurt Windisch 2m ago Additional comments
Please provide the error code.

 Kurt Windisch 5m ago Additional comments
VPSX case description

 Kurt Windisch 5m ago
CS0073067 Created

 Start

Actions

Close Case

Ticket Fields details

Number CS0073067	Assigned to Kurt Windisch
Priority 4 - Low	State Open
Asset VPSX Enterprise	Updated 2m ago

Attachments

Drop files here



- Manage Cases
- All Cases
- Action Needed
- My Cases**
- Emergency Keys
- Maintenance Requests

Cases New <input type="text" value="Keyword Search"/>							
Number	Short description	Asset	Contact	Account	Priority	State	Updated
CS0073068	Maintenance Request - 2023-06-05		Kurt Windisch	Levi, Ray & Shoup, Inc.	4 - Low	Open	2023-06-05 08:14:20
CS0073067	VPSX case	VPSX Enterprise	Kurt Windisch	Levi, Ray & Shoup, Inc.	4 - Low	Open	2023-06-05 08:09:48

< > Rows 1 - 2 of 2

Maintenance Request for IL0000 - Levi, Ray & Shoup, Inc.

VPS

- VPS Version 2 Release 1.1
- VPS Version 2 Release 1.2

DRS

- DRS Version 2 Release 1.1
- DRS Version 2 Release 1.2

VPSX

- VPSX V1 R3.0
- VPSX V1 R4.0

PCX

- PageCenterX V1 R2.0
- PageCenterX V1 R3.0

Transforms

- Conversion Products R3.0
- Conversion Products R4.0

Anyqueue

- LAN Products V1 R8.0

Create Maintenance

Reset

LRS Knowledge Base

Find the answers you need when you need them



Pre Recs & Checklists

More information here.



FAQs

More information here.



Release Notes

More information here.



Best Practices

More information here.



Product Documentation

Documentation, Training, End of Support, etc.



Tech Tips

How to make the most from your LRS Software

Refine results

Category

Filter

Best Practices

Products

- Innovate/Audit
- Intelligent Document Bundling
- MFPsecure/Print
- MFPsecure/Scan
- Mobile Connector
- PageCenterX
- Printer Driver Management (PDM)
- VPS
- VPSX Enterprise

Last Modified

- Past 2 Years
- Past Year
- Past Month
- Past Week
- Past 24 Hours

2 results for "vpsx"

[Sort by](#) | [Relevance](#) [Views](#) [Newest](#) [Alphabetical](#)

Showing All Results

- VPSX and MFPsecure in Traffic Managed/Load Balanced environments**
Best Practices
and NetScaler, between LRS components such as **VPSX**, MFPsecure and MFPsecure Agents will cause fatal There is a requirement in a **VPSX** and MFPsecure solution to identify the originating source of a communication issues, a simple...
KB0010155 • 6d ago • 5 Views
- Capturing Application Output**
Best Practices
that can be used to submit, query, and delete print requests to **VPSX**[®] (Output Management), PageCenterX compression and optionally encryption between the client and **VPSX** or PageCenterX. Although the LRSQ command...
KB0010149 • 6d ago • 1 View

KB0010155

VPSX and MFPsecure in Traffic Managed/Load Balanced environments

6d ago • 7 Views

Introduction

Introducing load-balancing and/or traffic management network agents, such as BigIP/F5 and NetScaler, between LRS components such as VPSX, MFPsecure and MFPsecure Agents will cause fatal operational issues if the network agents are not configured appropriately.

Since the network agents are not "just routing", they may not pass the communication packets though untouched - packets may be opened, inspected and re-written and this will lead to issues in the areas of IP source information and HTTPS certification.

LRS are not responsible for the configuration of these network agents, but this document aims to describe the issues that arise and the configuration requirements that may need to be implemented. Example configuration detail of certain network management tools may be available - please contact your LRS Software Consultant or LRS Support.

Scope

The intended readers of this document are:

- technical network engineers
- technical project managers
- print solution administrators

Most Useful

TEST

72 Views • 25d ago • 26d ago



Group Filter [Clear](#)

- Mainframe
- Open Systems

Product Filter [Clear](#)

Filter

- translating/LCDS to PS
- VMCF
- VMCF/Web Access
- VPS
- VPS/LCDS to TIFF
- VPSX**
- VPSX/DBCS Fonts
- VPSX/DPE
- VPSX/EI
- VPSX/Global Fonts
- VPSX/MFI
- VPSX/MICR Font
- VPSX/SI

Product Documentation

Search



Open Systems

VPSX UPD V1 R10

VPSX V1 R30

VPSX V1 R40

Refine results

Knowledge Bases

Release Notes

Category

> Release Notes

Products

- Innovate/Mill
- LRS Transforms
- LRS/MVS Server
- LRS/Spool
- MFPsecure
- PageCenter
- PageCenterX
- VPS
- VPSX

Last Modified

5 Results

[Sort by](#) | [Views](#) [Newest](#) [Alphabetical](#)

Applied Filters [Release Notes](#) [VPSX](#) [Clear All](#)

- [LRS/NetX V1R3.0.0024 - 7/19/2023 - LRS/NetX](#)
Release Notes > Open Systems > VPSX
LRS/NetX V1R3.0.0024 Enhancement: Added new printer configuration keywords to the WSDL API. Pre-requisite(s): LRXAPI LIBRARY V1R1.0.122 WEBSVC LIBRARY V1R1.0.040 Click here to see the full list of Fixes in the Product...
KB0010224 • about a month ago • 3 Views
- [LRS/NetX V1R4.0.0004 - 7/12/2023 - LRS/NetX](#)
Release Notes > Open Systems > VPSX
LRS/NetX V1R4.0.0004 Enhancement: Added the "Log" option to the printer sidebar menu and display the "Output Queue" and "Retained Queue" options when on the Printer Configuration screen. Pre-requisite(s): LRXAPI LIBRARY...
KB0010231 • about a month ago • 1 View
- [VPSX V1R3.0.0034 - 7/19/2023 - VPSX](#)
Release Notes > Open Systems > VPSX
VPSX V1 R3.0.0034 Enhancement: Updated OpenSSL to 3.1.1. Fix: A server based print job released to a PJJ printer may skip multiple pages if the job fails to print and is retried multiple times. To resolve the issue, printer configuration...
KB0010223 • about a month ago • 2 Views
- [VPSX V1R4.0.0003 - 6/6/2023 - VPSX](#)
Release Notes > Open Systems > VPSX
VPSX V1R4.0.0003 Fixes: Resolve an issue introduced with VPSX V1R4.0.001 where a storage overlay may occur on a...
KB0010225 • about a month ago • 1 View

Notification Preferences

Notification Settings

Allow Notifications

Turn off all notifications, We may still send you important notifications about your account and content outside of your preferred notification settings.

On

What notification you receive

Customer Service

MFPsecure Release Notes

On

PageCenterX Release Notes

On

Release Notes: Mainframe

Transform Release Notes

On

Release Notes: Open Systems

VPSX Release Notes

On

Any
Questions



LRS User Konferenz 2023 München

**FRAGEN UND
ZUSAMMENFASSUNG**

