

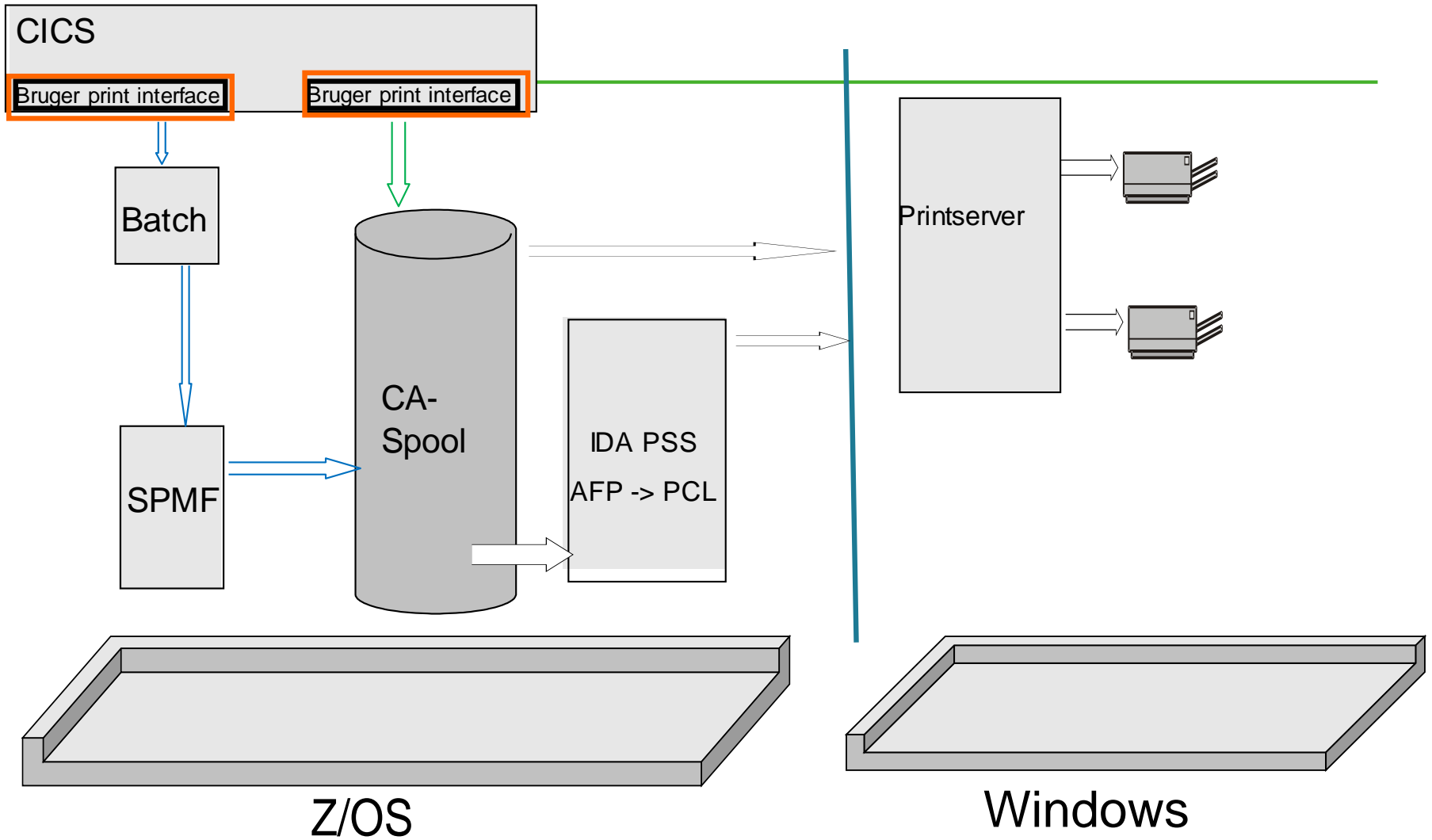
Hvorfor sikker print?

Lovkrav

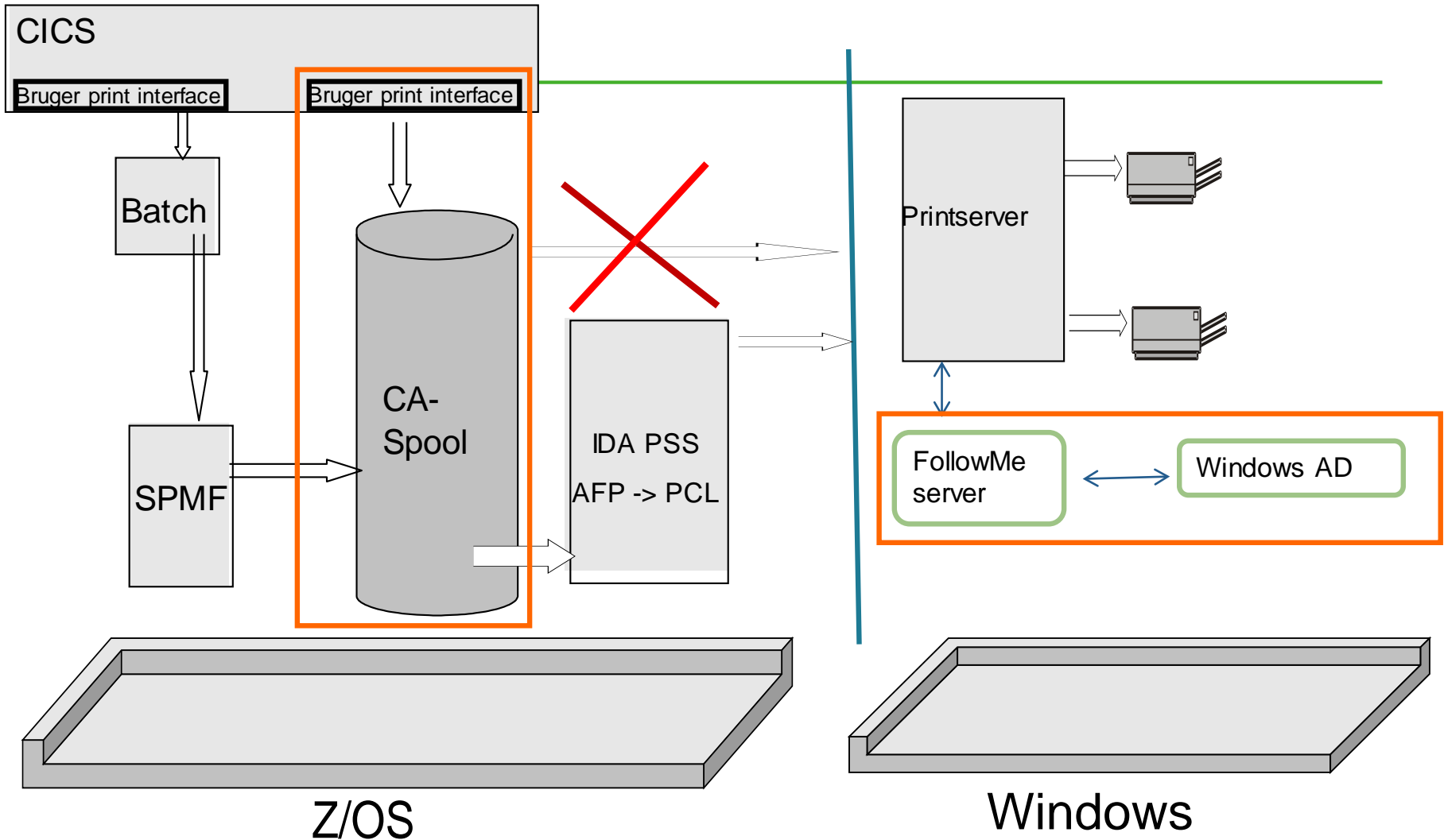
- - Ønske om at der ses på håndteringen af kundeprint fra KMD

FollowMe Tilbud til KMD's kunder

# Decentralt Printmiljø uden FollowMe



# Decentralt Printmiljø med FollowMe



## Udfordring:

Print dannet fra CICS får CICS' User-ID

```
Spool (Z6IMN ) All files Ln 4 - 20 / 61
Sub ESF Nje RN RG RU Col 118 to 228 of 228
-----
Action Seqno Chars Prmode User Account Room Programmers name CC Created
30631 LINE KKCICSPE G_044-02 A999 LT62BV3E Time M 2015-09-14 08:58:01
30633 LINE KKCICSPE G_044-02 A999 LT62BV3E Time M 2015-09-14 08:59:00
30642 LINE KKCICSPE G_044-02 A999 LT62BV01 Time M 2015-09-14 09:17:39
```

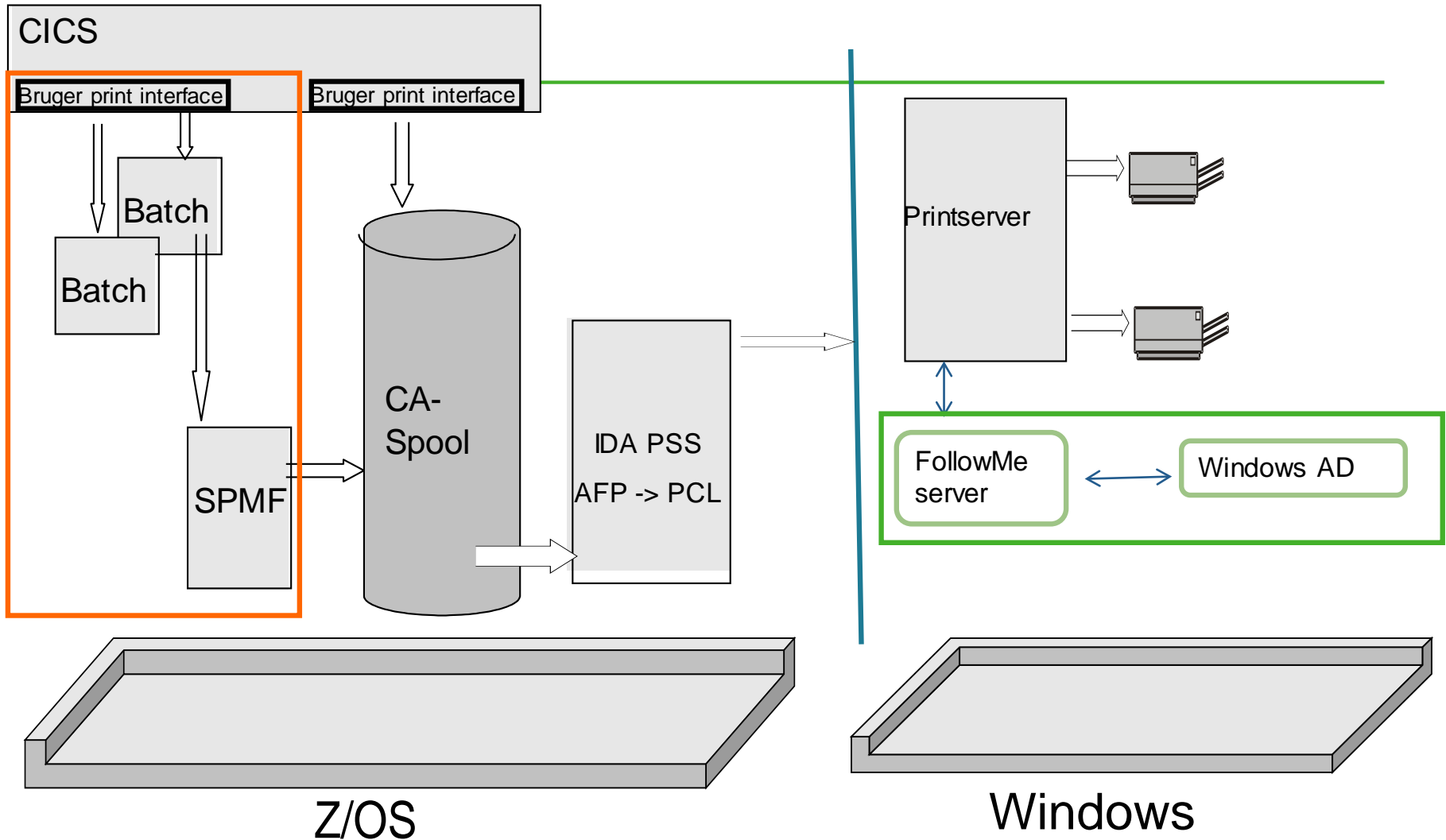
## Løsning:

Hent User-ID og opdater ESF Metadata USER felt

Kræver at EXQOPT=11 sættes i ESF: "ALLOW CICS TASKS TO SUPPLY THE USER ID"

```
Spool (Z6IMN ) All files Ln 1 - 1 / 1
Sub ESF Nje RN RG RU Col 111 to 224 of 228
-----
Action Seqno Paged Chars Prmode User Account Room Programmers name CC Created
31566 U000 Z6IMN TRANSID3287 TRAN A 2015-09-20 12:25:49
```

# Decentralt Printmiljø med FollowMe



## \_ Udfordring:

- \_ Print fra CICS via "Batch JCL submit" får System USER-ID
- \_ Batch jobs må ikke ændre USER-ID i ESF

```
Spool (Z61MN )          All files          Ln 207 - 223 / 10076
Sub ESF Nje           RN           RG           RU           Col 111 to 224 of 228
-----
```

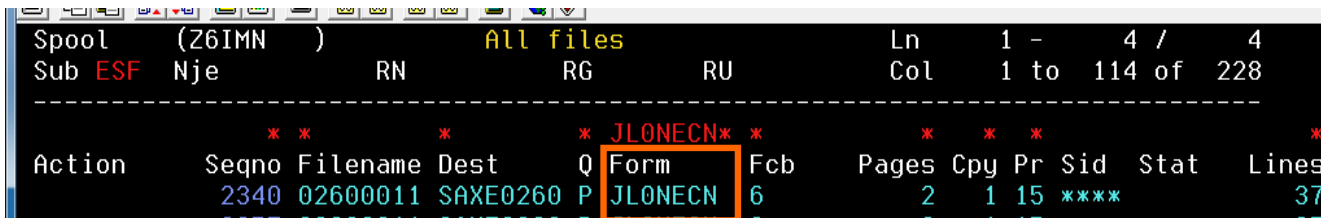
Action	Seqno	Paged	Chars	Prmode	User	Account	Room	Programmers	name	CC	Created
	1957	GF0030		PAGE	K3STREX	E1301	ZZ54		STRA	MT	2015-09-16 10:39:17
	1962	GF0030		PAGE	K3STREX	E1301	ZZ54		STRA	MT	2015-09-07 09:38:46

## \_ Løsning:

- \_ Hent bestillers User-ID fra CICS
- \_ Indsæt User-ID i JCL OPC Kort

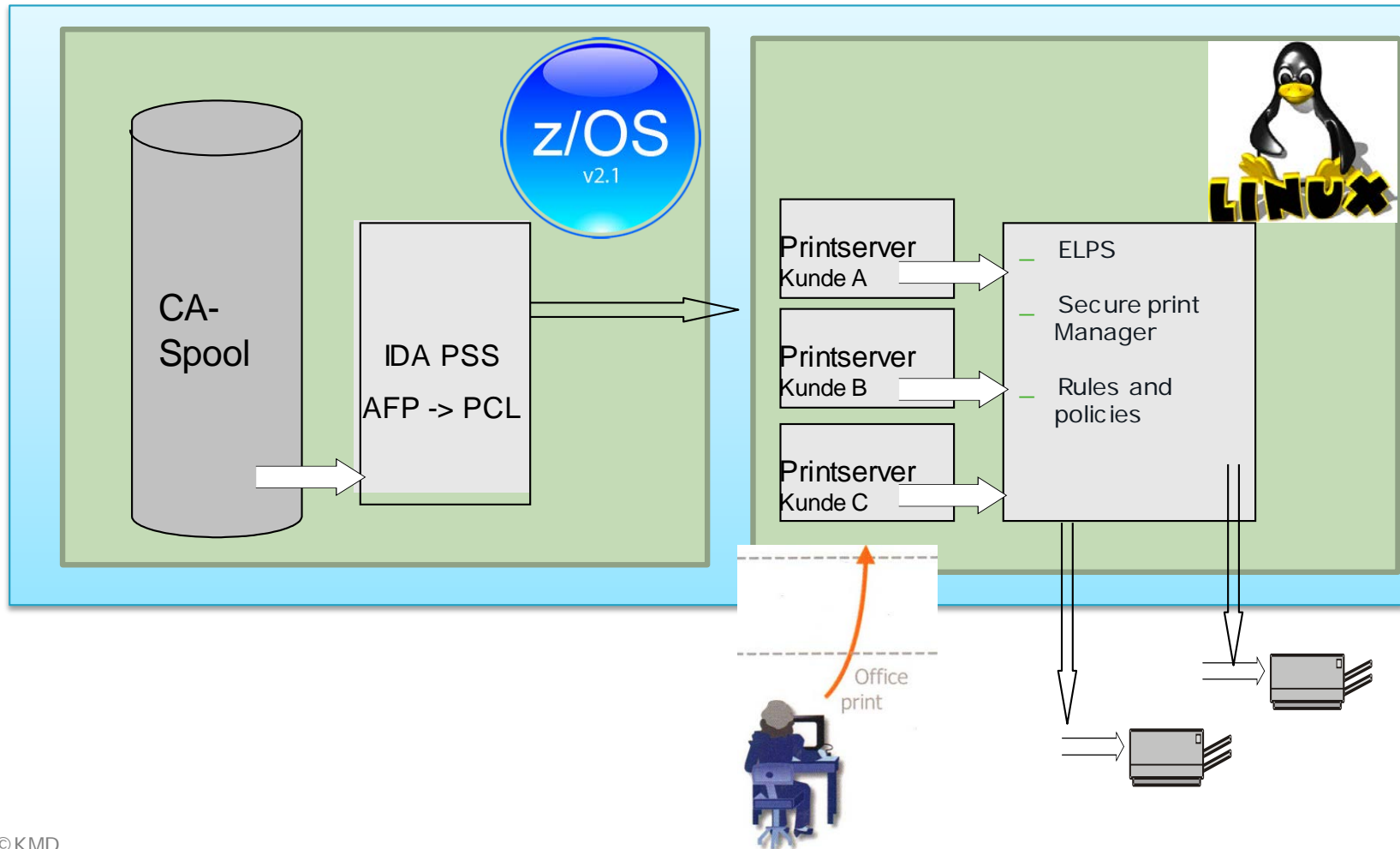
```
//NA36798E JOB (E3416),CLASS=S,MSGCLASS=Y,REGION=5000K,  
// USER=K3STREX  
/*JOBPARM SYSAFF=6P11  
//*---- Sikker print VARIABLE -----  
// SET BRUGERID=JLONECN  
//*OPC APPL=USERID(JLONECN ),DATE=141224,TIME=1800  
//
```

## \_ FORM felt i ESF's Metadata opdateres med User-ID fra JCL



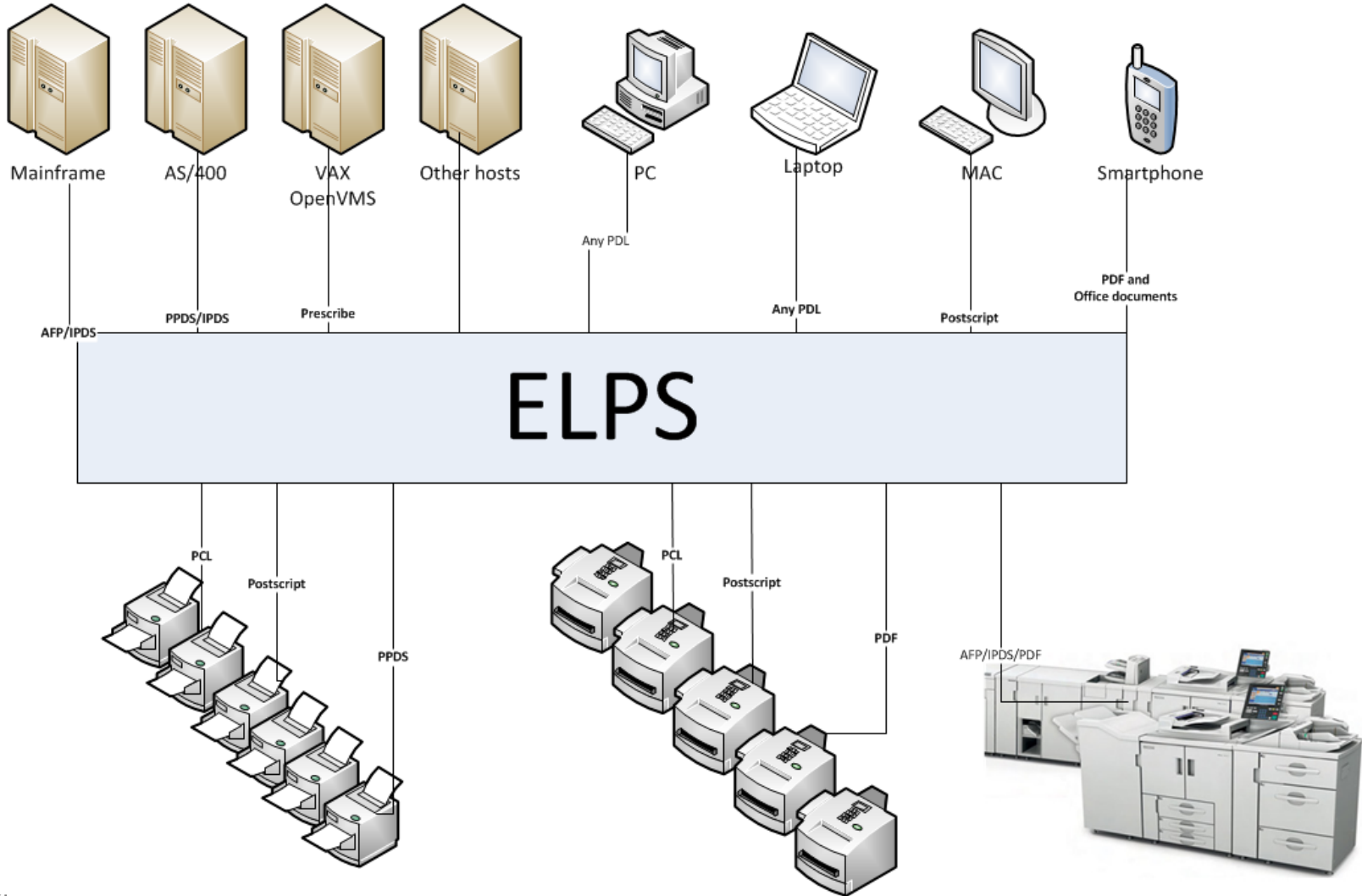
Spool	(Z6IMN )	All files			Ln	1 -	4 /	4				
Sub	ESF	Nje	RN	RG	RU	Col	1 to	114 of	228			
Action	Seqno	Filename	Dest	Q	Form	Fcb	Pages	Cpy	Pr	Sid	Stat	Lines
	2340	02600011	SAXE0260	P	JLONECN	6	2	1	15	****		37

- \_ USER EXIT i IDAPSS flytter på printtidspunkt FORM felt til User-ID felt

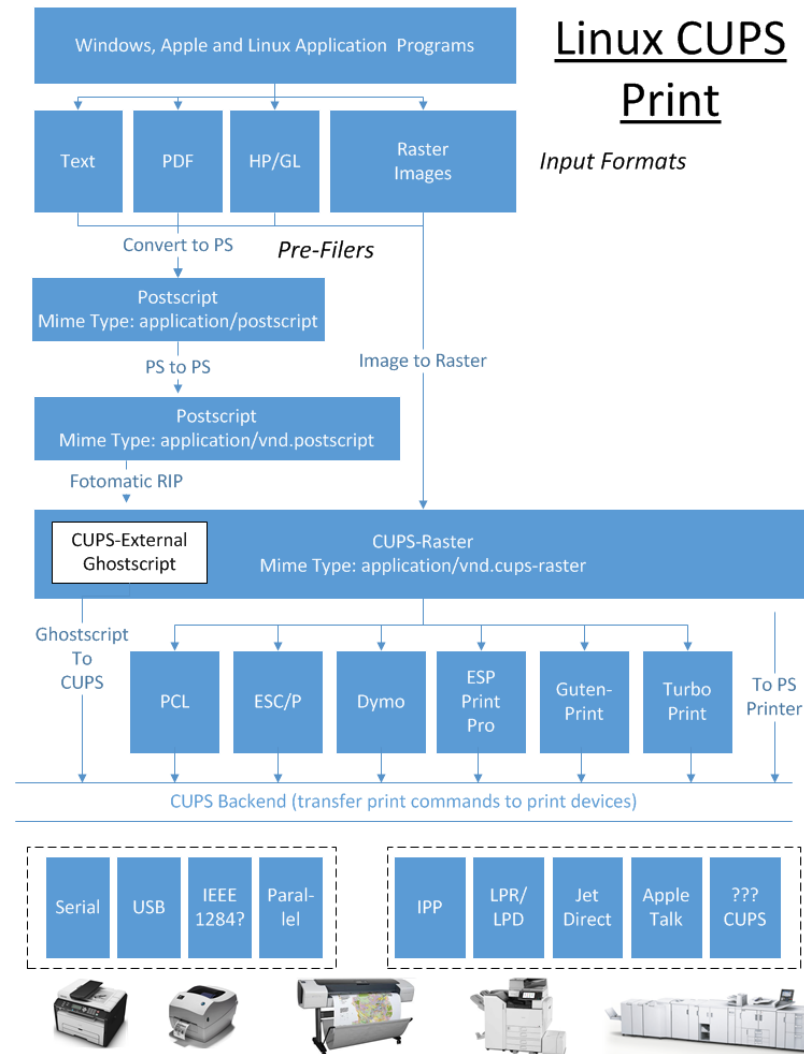




# DATA IN AND OUT



# THE LINUX PRINT SUBSYSTEM



# ADDITIONAL BENEFITS

## 16. Appendix C: Print Speed

Print speed was actually increased for all test documents and document types on the ELS platform. This is due primarily to the speed with which the ELS platform can format and release documents to printers.

### 16.1. Complex Graphic



Through Microsoft Platform



Through ELS Platform



### 16.2. Four Page Word Document

Below you see the elapsed time from release of print job to first page.

Through Microsoft Platform



Through ELS Platform



### 16.3. Large File

A 727 page, 264 MB document was used to determine the impact of file size on the ELS print environment. The document was processed and correctly formatted without delays on the mainframe, network or printing device.

What to be tested:	Test Large files Pull Print
Description of Test	Print and measure the print from WS to MF and from MF to Printer.
How To Test	Send Arla PDF over the network and use stop watch to account for the time
Success criteria	The print job is sent with the same speed or higher as in the Windows environment
What to be used for testing	The Arla report PDF file. PDF Size: 62,327 KB PS Size: 271.072 KB
Success?	Yes
ServerLoad:	18.9 sec. to first page

# Mainframe Power

---

- Use Mainframe Power to print office documents
- Advantages on Mainframe architecture:
  - No capacity limits
  - No downtime
  - No maintenance
    - No print latency for remote locations / Print On Demand
    - Real server side rendering and spooling
    - Low bandwidth usage from Workstation to Server
    - Optimal in Citrix environments
    - Multivendor driver solution
    - One driver fits all makes and models
    - Fully sustainable solution

