αStream Pro

for RISO VALEZUS

Valezus T-2200

Valezus T-1200

Valezus T-1200

Print Integrity/Entirety
Bi-Directional
IPDS Protocol

Traceability Reporting

Security
GDPR READY

αStream Pro is a high performance digital front end print controller that was designed for high-volume printing requirements and complex jobs.

Native IPDS printing, and easy management of Postscript, PDF, and AFP files via a hot folder based spooler.

POWERED BY
Adobe® PDF Print Engine

PDF jobs are natively processed by the Adobe® PDF Print Engine, ensuring a perfect rendering management.

AFPConsortium™
Advanced Function Presentation

AFP files and IPDS streams are processed by a native IPDS RIP complying with the latest level IS/3 and MO:DCA GE (Graphic Arts) defined by the AFP consortium.

COMPUTER HARDWARE CONFIGURATION

CONFIGURATION FOR VALEZUS T1200
Dell Precision 3460 XE SFF:
Processor Intel® Core® I5-12500
32 GB RAM DDR4
512 M.2 SSD
USB Restore Key
USB License Protect Key (Dongle)

CONFIGURATION FOR VALEZUS T2200
Dell Precision 3660:
Processor Intel® Core® I5-12600K
32 GB RAM DDR5
512 M.2 SSD
USB Restore Key
USB License Protect Key (Dongle)

COMPUTER HARDWARE WARRANTY

Dell Pro Support: 5 Years

COMPUTER OPERATING SYSTEM

Windows® 10 IoT LTSC 2021

NETWORK CONNECTION

Ethernet: 1000 Base-T/100 Base TX

NETWORK PROTOCOLS

TCP/IP	JMF
LPR	IPP
IPDS over TCP/IP	

SECURITY FEATURES

tech.research ^Technology
Hard Disk Driver dedicated to erasing
definitive files (GDPR) Back-up & Restore
Automatic Installation
Windows® Desktop Locked User Rights
Manager
Microsoft® BitLocker

INPUT DATA STREAMS

IPDS connection over TCP/IP
AFP
PDF Mono and Multi-Pages With and without
transparency Level 1.3, 1.4, 1.5, 1.6, 1.7
PDF/X-1a, PDF/X-3, PDF/X-4, PDF/X-5,
PDF/VT
PostScript EPS, PS
level 3 Mono and Multi-Pages
Graphic'Arts
TIFF Mono and Multi-Pages With and without
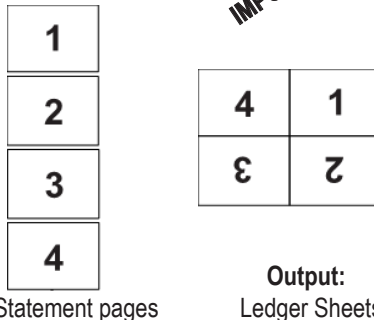transparency
JPEG, JPEG 2000 SVG, SVGz
PNG
GIF

COLOR MANAGEMENT

Linearization Curves
ICC Profiles Devices Links
Rendering Intent
Color Mapping table for indexed or named
colors (E.g. Pantone colors to CMYK, RGB or
LAB color spaces)
Passthrough color management for RGB and
CMYK input colors:
Ability to define a color directly by object type
(text, vector graphics, images) encountered in
files without applying color conversion

IMPOSITION & ADD-ON DATA

Management of complex imposition
Multiple Imposition of logical pages on a
physical sheet (Front & Back)

JOBS WITH COMPLEX IMPOSITION

1
2
3
4

4	1
3	2

Statement pages

Output:
Ledger Sheets

Redefine pages print order
Pages rotation from 0° to 360° with a preci-
sion of 1/60th of degrees
Imposition & Merge file with background or
foreground (PDF, TIFF, JPEG) with Indepen-
dent Color Management
Ability to add 1D or 2D barcodes containing
counters with prefix, suffix and increment
Automatic insertion of blank pages for multi-
file jobs (Archives) in duplex mode with odd
number of pages
Spot mark, start and end mark of Job, start
and end mark of job copies
Flush line Insertion

EXCLUSIVE FEATURES

Full asymmetric resolution without point
interpolation (E.g. 600 dpi x 300 dpi)
Simultaneous multi-resolution (front / back)
for paper shrinking compensation after
drying (SHRINK function)
Resolution with a floating precision
(E.g. 601,203 dpi x 300.525 dpi)

IPDS SUPPORTED COMMANDS

Text: PTOCA1, 2, 3, 4
Vectors: GOCA DR/2V0, GOCA GRS3
Images: IM Image, IO Image, IOCA FS10,
FS11, FS40, FS42, FS45
Image containers: JPEG, JPEG2000,GIF,
PNG, TIFF mono and multi-pages with
and without transparency, PDF mono and
multi-pages with and without transparency
Font: LF1 SBCS/DBCS, LF3 Type1 PFB and
CID-KEYED font, Containers TTF, TTC and
OTF
Barcode: BCOCA BCD1 and BCD2
Color Management Resources:
ICC profiles, Devices Links,...
IPDS Compatibility: Compliant to the AFP
consortium IS/3 MO:DCA and MO:DCA GA

SPOOLER FEATURES

Chaining up all kind of jobs (AFP, IPDS con-
nection, PDF, PS, JPEG,TIFF, SVG,
PNG,...), in any order
File submission by hot folders (JDF copy
command support)
Independent setting, possible for each hot
folder
Automatic deletion of jobs with settable
delays
Support of archives (ZIP, 7ZIP, RAR) PDF,
PS,
EPS seen as a single job
(e.g. 1000 PDF files with 2 or 3 faces
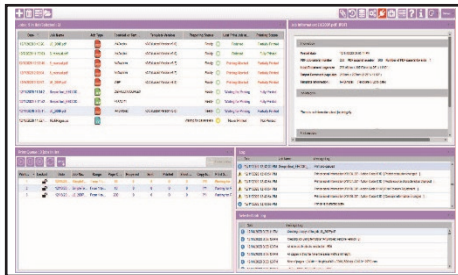per file and 200 PS files with 3, 4 or 5 faces
per file)
Full and detailed jobs history & reporting
Automatic or manual export with ability to
purge production logs simultaneously
Managing jobs priorities in the print queue
Recovery Mode: Automatic, semi-automatic
and manual

αStream Spooler GUI

αStream
SOFTWARE MAINTENANCE/ UP-GRADE

Maintenance and Up-Grade   Annual