

AlphaStream Controller

SPEC SHEET

Ultimate Flexibility and Processing Power for Your Xerox® Trivor® 2400 and Impika® Inkjet Presses



Support your diverse data streams from a single controller, along with speed and advanced features and control.



SUPPORT THE MOST COMMON DATA FORMATS

Rely on AlphaStream. From its PDF solution to support for PostScript®, AFP™ and IPDS™, it will streamline your production process while providing control and time-savings with a robust set of built-in features and capabilities.

POWER TO SPARE

With AlphaStream, you won't slow down. Print at full rated speed for your full range of simple to complex jobs, even when merging production files with background templates and images. And because no transform is applied to PDF files, processing is faster and more efficient.

SIMPLE JOB MANAGEMENT

Manage and schedule jobs through the print queue, and chain any of the supported job types in any order. Even hot folders are supported for automated job submission directly to the printer with no operator intervention.

ALPHASTREAM AT-A-GLANCE

Flexibility

Supports both PDF and IPDS, dramatically expanding job-type capabilities

Ink Types

Supports both High Density and High Fusion inks for optimised performance on both coated and uncoated stocks

Printers

Supports Xerox® Trivor 2400, Impika Compact, Reference and Evolution Inkjet Presses, both monochrome and full-colour configurations

Document Enhancements

Powerful automation enabler, refining and enhancing use of forms, barcodes, blank pages, bookmarks and more

HARDWARE/PLATFORM**Dell® PowerEdge® R630, 1U with 2.5" Hard Drives**

- 2 x CPU E5-2660v3 (10 cores @ 2.60 GHz/ 25 Mo Cache/QPI 9,6 GT/s)
- 8 x 8Go RDIMM, 2133MT/s, Dual Rank
- 1 x PERC H730 RAID Controller, 1GB NV Cache
- 2 x 800GB Solid State Drive SATA Mix Use MLC 6Gbps
- 1 x network card Intel® X520, Double port, 10Gb, 1GbE, DA/SFP+, I350 DP

Node hardware configuration based on engine configuration

- Mono or colour simplex – quantity 2
- Colour duplex – quantity 4
- Dual channel colour duplex – quantity 8

Windows® PC is required to install and run the remote client version of the user interface.

SUPPORTED ENGINES

- Xerox® Trivor® 2400 Inkjet Press
- Xerox® Impika® Compact, Reference and Evolution Inkjet Presses
 - Mono, Colour and MICR configurations

GENERAL

- Supports all available resolutions of the printer: 360 x 600, 600 x 600, 120 x 600 dpi and VHQ mode
- Full colour flow accepted: CMYK, RGB, CIElab, YCbCR, YCrCb
- Optimised inkjet stochastic screening embedded
- Network connection: Ethernet 1 Gb/s

DATA FORMATS**PDF Compatibility**

- Supports Xerox® FreeFlow® Core
- PDF Mono and Multipages (v1.3 through v1.7)
- PDF/X-1a, PDF/X-3, PDF/X-4 and PDF/X-5
- PDF/VT with or without transparency, version 1.0

Optional IPDS™ Compatibility

- Text: PTOCA PT1, PT2, PT3 and PT4
- Image: IM Image; IO Image IOCA FS10, FS11, FS40, FS42 and FS45; Containers Image TIFF, JPEG, JPEG 2000 and GIF
- Vector commands: GOCA DR/2V0 and GOCA GRS3
- Font: LF1 SBOS/DBCS, Containers TTF, OTF and TTC
- Barcode: BCOCA BCD1 and BCD2

Compatible IPDS Hosts

Compatible with the main hosts on the market:

- Quadient™/GMC Inspire™
- Compart DocBridge® Mill
- Solimar® Print Director™ Enterprise
- Compliant to the AFP™ consortium IS/3 (MO:DCA interchange set 3)
- ISIS® Papyrus

Optional PS Compatibility

- Mono and multipages
- EPS, PS

Optional AFP Compatibility

- Compliant to the AFP consortium IS/3 (MO:DCA interchange set 3)

Additional Functionality

- Automatic insertion of blank pages on backside (simplex job/duplex printer), banner pages and flush lines
- Merge your production file with background or foreground PDF, TIFF or JPEG
- Management of adding matrix 1D or 2D barcodes, using prefix, suffix, increment
- Colour Management Toolkit for ICC profile management
- Submission of multiple PDF files as single job, reordering print order
- Hot folder submission, job queue management and imposition tools

NETWORK ENVIRONMENTS/ PROTOCOLS

- 1 Gb Ethernet

REGULATORY AGENCY APPROVAL

- Meets or exceeds the following requirements:
 - Safety: CB-scheme, UL (TUV/CU mark), CAN/CSA (TUV/CU mark), TUV/T-mark
 - Emissions/Immunity: FCC, ICES, EN55022, RCM mark, EN55024, EN61000-3-2, EN61000-3-3

POWER

Depending on the configuration:

- Minimum: 600 W 3 A (2047.3 btu/h)
- Maximum: 4400 W 22 A (15013.4 btu/h) 200–240 VAC 50/60 Hz

DIMENSIONS/WEIGHT

- Weight: Depending on the configuration – ranges from 110 to 270 kg
- Dimensions
 - Width: 23.62" (600 mm)
 - Height: 28.74" (730 mm)
 - Depth: 44.49" (1,130 mm)

For more information on the AlphaStream Controller, please contact your Xerox representative, call **1-800-ASK-XEROX** or visit us online at www.xerox.com.