The Editor® RIP

High speed easy processing of variable data

Converts multipage PDFs and IPDS data streams for real-time printing with Domino's **K6**00i and **K6**30i ink jet printers

Domino. Do more.

Handles large data files with ease

The Editor® RIP system is used to convert multipage PDF documents and / or your Intelligent Printer Data Stream (IPDS) into a format for printing with the Domino **K6**00i and **K6**30i range of ink jet printers.

Modular Solution

The Editor® RIP is a modular solution supplied either as a stand-alone high performance PC, or with a master PC and multiple slaves in an expendable industrial rack located within a temperature controlled enclosure. The configuration selected is dependent on the speed and amount of data to be processed and if the processing takes place in real-time or offline. Easily integrated into your existing network and work flow, the Editor® RIP is supplied with a simple to use Ubunto user interface.

Product Applications

Editor® RIP can be used for a diverse range of applications: from direct mail to transactional, book printing, leaflets and security applications requiring the highest levels of data security.
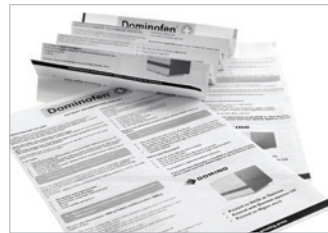
Transactional
High speed IPDS data streaming for transactional documents with 100% variable secure content.

Book Printing
Book-on-demand printing with multi-page PDF processing.

Leaflet Printing
Pharmaceutical leaflet printing, handling multiple SKU s on a just-in-time printing basis.

Direct Mail
Direct mail application with combination fixed and variable content processed in real-time.

Greener credentials

Domino's commitment and investment in sound environmental practices means we frequently exceed the increasingly demanding governmental, industry and company standards and regulations. We are committed to minimising the consumption of natural resources and energy and the creation of waste. Our products are RoHS and WEEE compliant so that they are recyclable.

Easily and speedily deals with complex variable data

Modular platform

The modular server architecture fits within customer's current workflow and can be expandable to meet future requirements.

Offline layout

An offline RIP is available as an alternative, where the high-speed online RIP is not required.

Domino K630i monochrome printing press using high-speed data stream direct from the Editor™ RIP

A quick tour around The Editor® RIP

Tower RIP PC Specification

Dell T440 Tower server

Options for expandable industrial rack-based, temperature controlled enclosure.

Key to illustration

1. Gigabit Network Switch
2. Slave Servers* Dell PowerEdgeR440
3. Master Server Dell PowerEdgeR440

For imprinting and complex applications where product line and machine control capability are required, please see the Domino Editor™ Starlight controller.

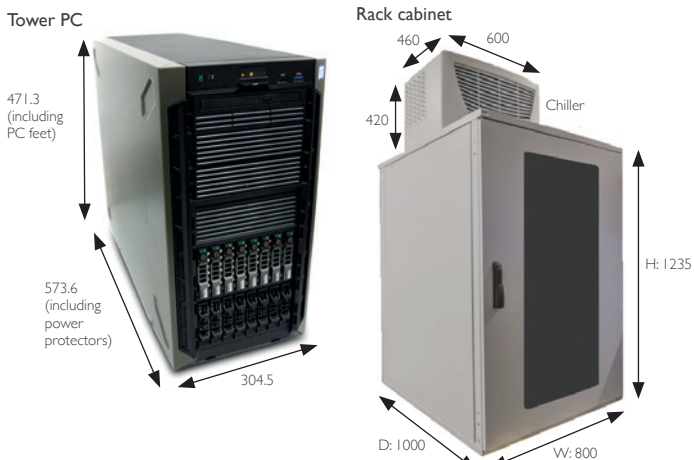**Number of slaves varies dependent upon data processing rate required*

Product configurations:

Editor® RIP – PDF workflow

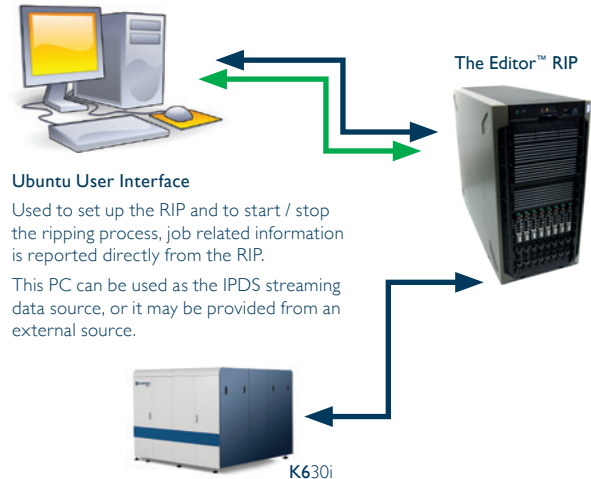The Editor® RIP can handle the globally recognised PDF file format and industry standard IPDS protocols.

PDF input files

The customers Multipage PDF files are uploaded to a dedicated folder on the RIP Master.

Ubuntu User Interface

Used to set up the RIP and to start / stop the ripping process, job related information is reported directly from the RIP.

The Editor™ RIP

K630i

K600i
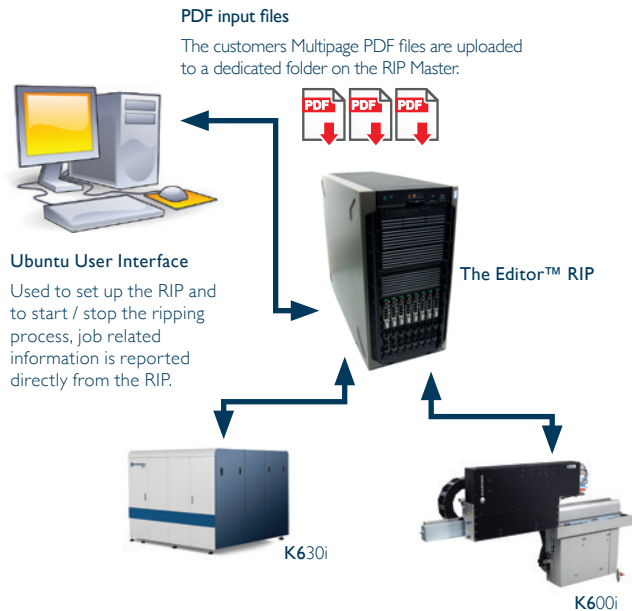
◆ PDFs are loaded into the PDF folder on the hard drive of the Editor™ RIP.

◆ From the Ubuntu User Interface - the operator selects the PDF to print, the RIP settings for drop size range, greyscale profile, simplex/duplex and print position on the sheet.

◆ The RIP performs pre-flight checks on the job.

◆ The operator selects start page, stop page and copies.

◆ The system RIPs the PDF pages and streams compressed bitmap data for the **K6**00i or **K6**30i to buffer and print.

Tower PC

471.3 (including PC feet)

573.6 (including power protectors)

304.5

Rack cabinet

460   600

420   Chiller

H: 1235

D: 1000   W: 800

Editor® RIP – IPDS workflow

The Editor™ RIP

Ubuntu User Interface

Used to set up the RIP and to start / stop the ripping process, job related information is reported directly from the RIP.

This PC can be used as the IPDS streaming data source, or it may be provided from an external source.

K630i

◆ The operator selects the RIP settings for drop size range, simplex/duplex and print position on the sheet and starts the RIP ready to receive IPDS data.

◆ IPDS data is streamed to the RIP system from the IPDS source – such as GMC Inspire.

◆ The system RIPs the IPDS input and streams compressed bitmap data for the **K6**00i or **K6**30i to buffer and print.

Technical Specification

Editor® RIP
Dimensions   Tower PC   471.3mm (H) × 304.5mm (W) × 573.6mm (D) / 18.5'' (H) × 11.9'' (W) × 22.5'' (D)
Industrial rack including chiller: 1235mm (H) × 800mm (W) × 1000mm (D) / 48.6''(H) × 31.5''(W) × 39.3''(D)   **Chiller:** 420mm (H) × 600mm (W) × 460mm (D) / 16.5''(H) × 23.6''(W) × 18.11''(D)
Printer Support   Domino **K6**30i monochrome printing press   Domino **K6**00i ink jet printer
Data formats   • PDF   • IPDS   • AFP
Services   • Network correction: TCP/IP OEM Datastream interface   • Power - Tower PC: 230V AC 13A   • Power - Industrial rack option: 230V AC 10A   • Power - Chiller: 230V AC 13A depending upon configuration
Hardware options   • **Editor® RIP Offline –** Tower PC for ripping PDF files offline for use with **K6**00i family of printers. This RIP creates one complete export file that can be repeated multiple times.   • **Editor® RIP Base (Tower) Model –** 1 × Tower PC - Suited for online PDF ripping applications where running speed is up to 150m/min Simplex. (No air-conditioned cabinet is provided)   • **Editor® RIP Standard Model –** 1 × master and 2 × slave server blades housed in an air-conditioned cabinet, (as detailed) - Suited for online PDF ripping applications where running speed is up to 75m/min Duplex or 150m/min Simplex   • **Editor® RIP Professional Model –** 1 × master and 4 × slave server blades housed in an air-conditioned cabinet, (as detailed) - Suited for online PDF ripping applications where running speed is up to 150m/min Duplex

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