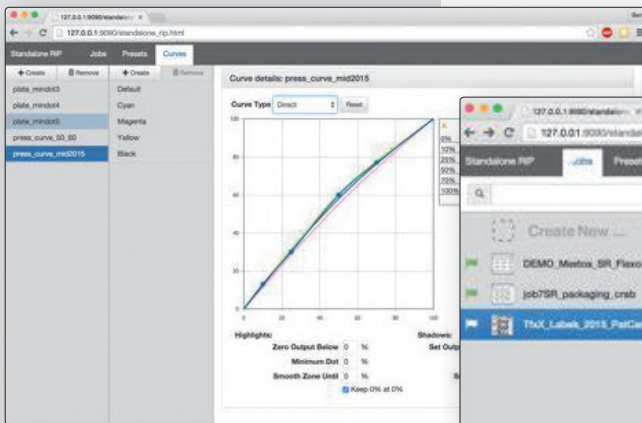


# Raster Image Processor

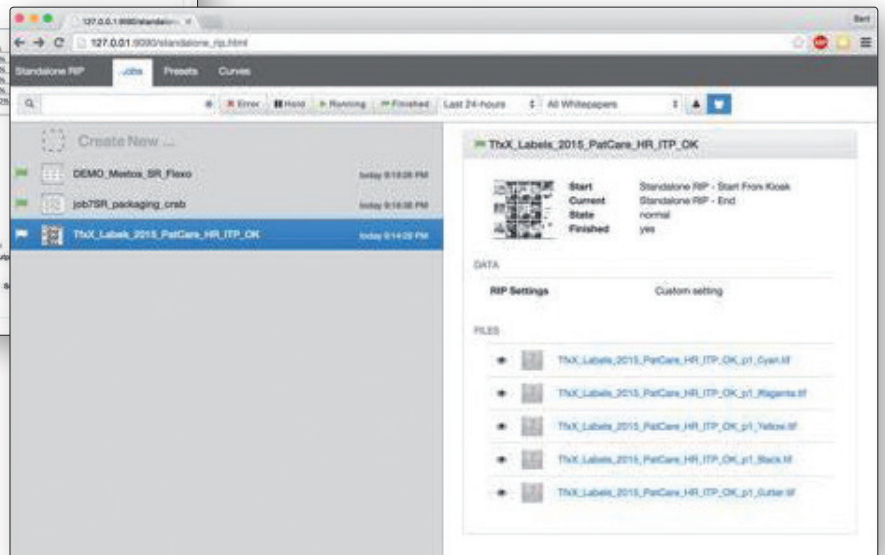
The CLOUDFLOW RIP is a native PDF 1.7 RIP based on the state-of-the-art Global Graphics' Harlequin Host Renderer. It converts artwork to 1 bit or 8 bit TIFF files, for all printing techniques.

Specific flexo screening has been added with support for screen controls on separations or even on individual objects.

Just like any other CLOUDFLOW application, the RIP can be controlled and monitored from within an intuitive web-browser.



*Extensive support for dot gain compensation curves with special min-dot and max-dot settings for flexo printing*



*Intuitive interface to submit jobs, retrieve jobs statuses, and view RIP output from any web browser*

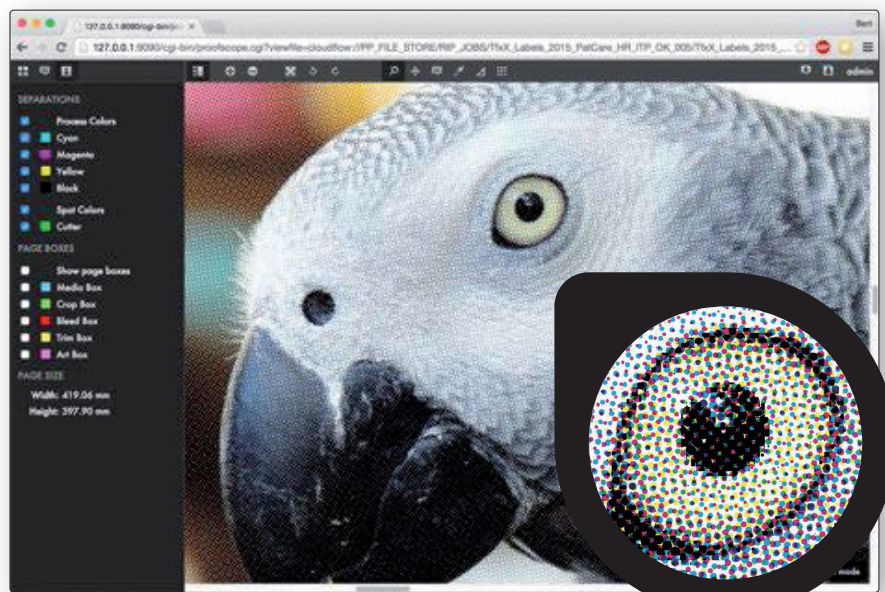
## Built-in Dot Viewer

The CLOUDFLOW RIP includes an on-line dot viewer to support the quality control process on RIPped data.

The dot viewer can view plates individually or view the complete job merged, in full color.

On top of that it includes a raster analyzer tool to verify the rulings, angles and even raster percentages, a critical step in QA.

No separate software needs to be installed for this HTML5 viewer; it just works blazingly fast in a standard web browser.

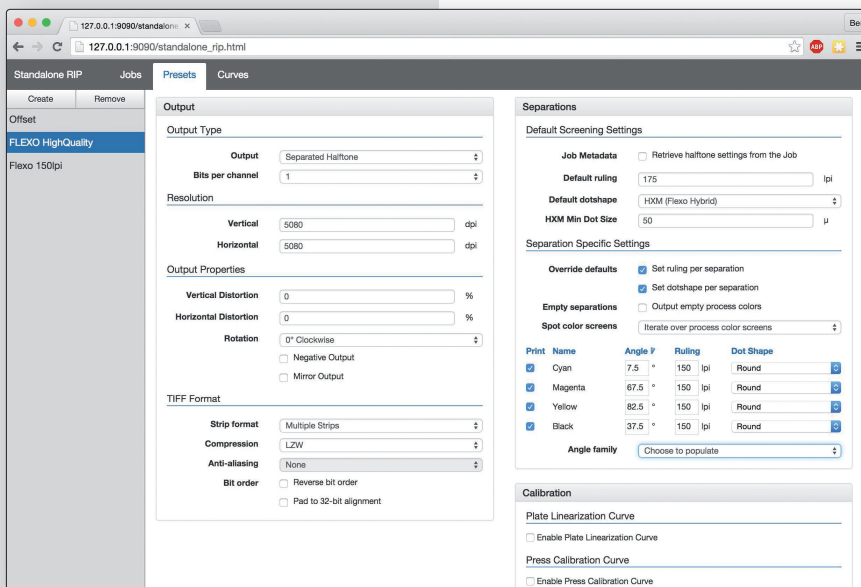


*Online dot viewer for quality control*

### Stand-alone or Fully Integrated

The CLOUDFLOW RIP is available as a stand-alone solution. It can be driven from the easy-to-use web interface or by hot folders to link up with 3rd party applications.

In addition, the CLOUDFLOW RIP is available as a module on top of CLOUDFLOW WORKSPACE to bring a higher level of automation into an organization. This setup supports variable parameters for RIPping which could come from an external data source, such as an MIS system.



*Preset definition reduces manual settings upon file submission.*

### Central Management & Scalability

Just like other CLOUDFLOW configurations, the RIP can be installed onsite at the customer or at a hosting provider. The web interface allows customers to manage the RIP configuration centrally, while submission can come from any geographic location.

Predefined RIP settings can be made in order to simplify the configuration upon submission.

CLOUDFLOW RIP can be configured with multiple machines which work in parallel. The system supports load balancing to ensure the most efficient processing.

## HIGHLIGHTS

- Intuitive web interface to launch RIP tasks
- Integrated dot viewer with raster analyzer
- Native PDF 1.7 RIP for packaging
  - support for object-based screening
  - support for advanced plate & press dot gain curves
  - screening controls on separation level (incl. spot inks)
  - support for distorted output
- Various dot shapes available, including a hybrid screen for flexo
- CIP3 output capabilities for press ink controls
- Support for predefined RIP settings
- Support for variable data printing workloads