

# :Arkitex Analyst

Newspaper publishers are under constant pressure to produce more with less overhead. Therefore, they wish to maximize the yield of their pre-press, printing and database assets. To know exactly how far production has come at any given time, and to make more efficient usage of their printing capabilities, they are constantly looking to improve and increase the scope of their tracking and reporting resources, enabling them not only to track processes, but also to identify bottlenecks and/or spare capacity. With the ability to view real-time information and consult historical reports, newspapers can analyze their resources usage to improve performance and streamline processes.

:Arkitex Analyst is an enterprise-wide Tracking and Report system providing both real-time tracking information and post-production reports encompassing an entire newspaper production cycle eliminating the need to use complex reporting packages or to know SQL programming.

## System Functionality

Reporting can be user-specific or with dashboards, and users have access to information in a variety of ways. For example data can be looked at:

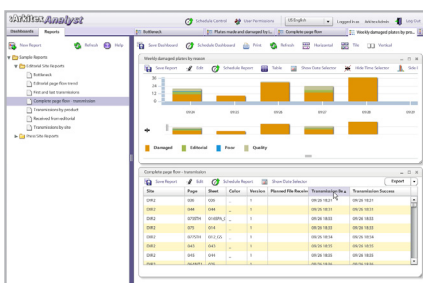
- **From a product point of view** showing information relative to a particular product such as file arrival times, approval delays, and plate throughput views.
- **From a hardware point of view** showing the number of plates imaged per hour (or other time period) on one or more CtP devices, with the ability to further refine the display to show this breakdown by title.
- **From a system point of view showing** the processing history of a particular part of the system. For example being able to see the backlog of files awaiting a particular process at various intervals during production.

## Customized Reports

:Arkitex Analyst includes a number of standard report templates that define a basic report, such as totaling up the number of times something happened for selected publications or hardware during a given time-span.

From these templates users then customize the report by changing the time-span, changing publications, and selecting different events. Time-spans are even identified using a description – such as “Show me 1 week of data ending last Saturday.” This ensures that every time that report is run, it always shows data from last week without any necessary changes.

Finally, the report is run or, if so desired, saved away for future use. All settings - time-span, publications to include, and events of interest – are made using human readable descriptions and not complex SQL queries.



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## Report Organization

Saved reports are organized using customer defined folders allowing them to organize reports the way that makes the most sense: by department, by person, by publication, etc.

Passwords based permissions allow users to provide to and to restrict access from these folders, so that only permitted people can view those reports. Special reports and report folders can also be created for outside customers.

## Report Automation

In addition to creating reports for one-time or occasional use, :Arkitex Analyst allows report automation so that reports are produced when and how they are needed.

Reports are often needed on a scheduled basis; e.g. for a weekly production meeting.

:Arkitex Analyst can automatically run that report and either e-mail it, save it as a PDF, csv (comma-separated values), or an image, or have it printed.

## Capacity Based Tracking

The ability to do work is limited by equipment capacity; e.g. imaging plates with CtP devices. :Arkitex Analyst answers the question "Do I have enough capacity to meet my upcoming deadline?".

:Arkitex Analyst graphs in real-time the capacity to do work before deadline with the work remaining to complete. Users can see if they are on track or in danger of missing deadlines. Having this information ready, as production proceeds, allows for wise decisions to be made.

## Enterprise Wide Tracking and Reporting

Good decision making requires good information. :Arkitex Analyst can include data from both upstream and downstream systems such as: Editorial, Advertising, Photo, Pagination, Press, Mail-Room to name some.

Data gathering is accomplished by small agents which are able to gather data made available by the various systems and send that data into the :Arkitex Analyst server where it is then available for tracking and reporting purposes.

