OPAS-G
growing workflow

OPAS-G Content & Media Automation

The Open Content and Media Logistics System

Automation tools for efficient production and media delivery

Manually editing files requires too much personnel and is therefore expensive. Routine jobs, in particular, are especially suited for automatic processing - assuming, of course, that you have a system that really does save you work. You're already ahead here with the **OPAS-G** system, for it provides everything you need for extensively automated production.

OPAS-G.hotfolder:
Fully automatic editing of files

Hot folders make your life easier: Simply move your files into these freely definable folders - your **OPAS-G** system will begin carrying out the actions that you previously defined. With the utmost of ease you could, for example, transfer a file to a digital order bag or have it converted into another format for forwarding to another hot folder - all automatically and without the need for any further input from you.

That doesn't just sound simple, it is. If, for example, you have set up a printer queue for which you store files as PostScript files in a spool directory, then **OPAS-G.hotfolder** gives you the option of defining this directory as a hot folder and monitoring it at the same time. You can then have almost any action carried out automatically with the files stored there. For example, you can automatically convert your PostScripts to PDF files and transfer the new PDFs right into the respective shopping bag, while extracting the order number from the file name at the same time. This not only integrates file system-oriented workflows (such as Agfa Apoggy, Prinergy, etc.) into a database-based workflow, but also integrates the PDF world into pre-press production.
Meanwhile, you'll ensure that the standards you specified (e.g. regarding format or resolution) are observed - an ideal quality control instrument.

OPAS-G.pipeline:
Conversions practically do themselves

For automating production processes and media delivery, **OPAS-G.pipeline** is just the right tool, for it lets you automate conversions, re-archiving and data delivery almost completely.
OPAS-G.pipeline thus saves you a lot of work: for example, through automatic server-supported high-quality conversion into various formats (PDF, EPS, TIF, JPEG, Photoshop, Scitex CT, etc.), color spaces (RGB, CMYK, CIELAB, etc.), color management systems (figuring in of ICC profiles, etc.) or resolutions. You may also pre-define these conversions as digital production processes and make them available to your production or to your customers via Internet or ISDN access.

OPAS-G.pipeline thus opens up comprehensive automation options. If, for example, a customer orders a file by Internet in a certain format, then a pre-defined pipeline is started when the order is released. The file is first, if it was previously archived, automatically re-archived and then converted into the desired format with the appropriate color space and the specified resolution. The entire process runs completely automatically, the accrued production times are automatically posted to the customer, and as soon as the order is fully processed, the ordering party receives a notification of the same - without you having to lift a finger.

Automated program controls

OPAS-G.pipeline lets you automate batch-controlled Windows programs (e.g. Adobe Photoshop) and Apple Script-enabled Mac OS programs and integrate them into your workflow. You can even perform highly specific adjustments by integrating your own programs, macros or scripts in **OPAS-G.pipeline**.

Converting QuarkXPress documents to PDF

You wish to search for content in QuarkXPress documents and display it on the Internet? **OPAS-G.pipeline** can do it: When a QuarkXPress document is checked in, a PDF is automatically generated, enabling a multi-page view on the Internet and in native **OPAS-G** modules without any additional use of the actual QuarkXPress program. Full-text search is also possible in conjunction

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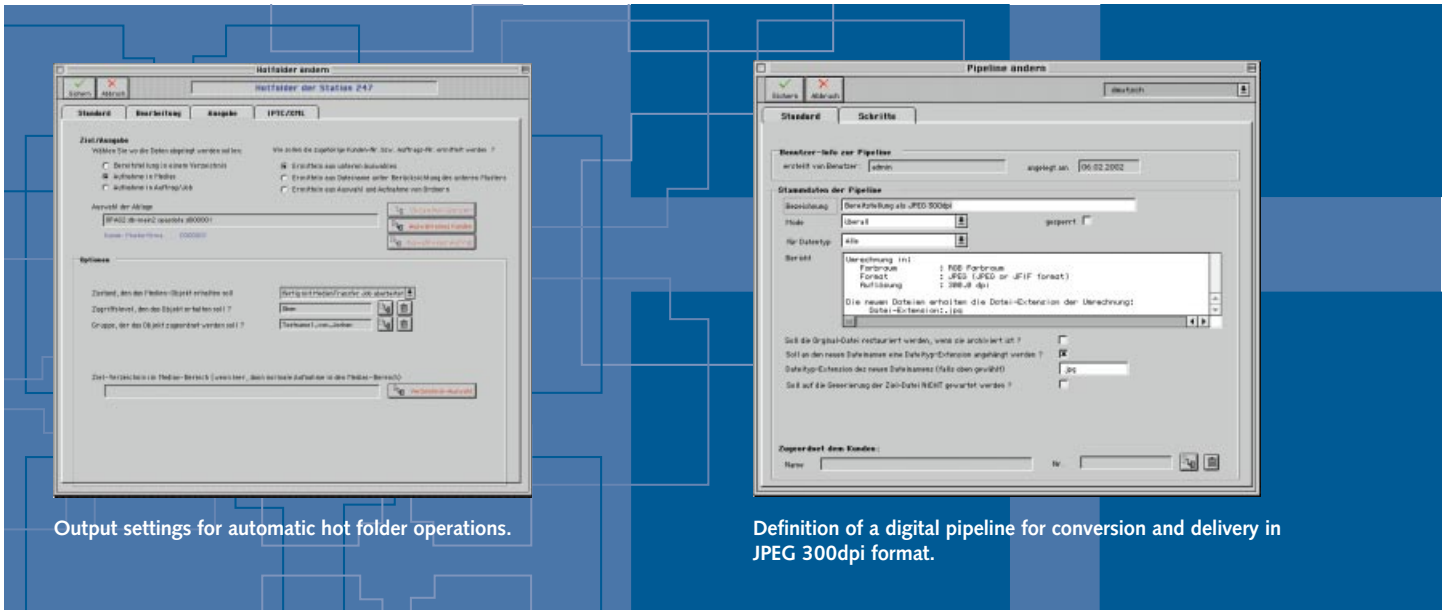

Output settings for automatic hot folder operations.

Definition of a digital pipeline for conversion and delivery in JPEG 300dpi format.

with OPAS-G.context (see OPAS-G Content & Media Asset Management), both on the Internet and in the native OPAS-G modules.

OPAS-G.workflow-manager: Defining workflows freely

Define workflows nearly any way that you wish and integrate automation functions from **OPAS-G.pipeline** and **OPAS-G.hotfolder** at the same time with the **OPAS-G.workflow-manager**. First define an event source (watch-point, e.g. Medias object, production component or production order). When the defined event occurs, the results are first checked (checkpoint, e.g. "Is state XYZ set?"). Depending on the results, pre-defined actions (action point, e.g. running of pipelines or sending of e-mail notifications) or changes of state are then performed. The specified workflows can be flexibly extended by SQL statements. The entire process is supported by an integrated e-mail notification system. You therefore optimize not only your work processes but also the related communications.

Benefits of OPAS-G Content & Media Automation:

- Rationalizing of work processes
- Optimization of media format transformations
- Optimization of content updates, keyword assignment, storage and archiving
- Optimization of the production flow planning
- Minimization of production and transaction costs through the multiple utilization of media
- Competitive advantages through better cost structures due to the acceleration of nearly all work processes

Features

- Automatic monitoring of freely definable folders (so-called hot folders) that may be located at different workstations
- Reading of IPTC and XML data into the meta data of the database objects
- Automatic transfer of files in the hot folders to the OPAS-G shopping bags or content and media database
- Support of OPI systems such as HELIOS OPI, Color Central, etc.
- Connection of hot folders to pipelines for automatic conversion
- Automatic re-archiving and automatic conversions (formats, color spaces, color profiles, resolutions, etc.) with OPAS-G.pipeline
- Convenient data delivery in all OPAS-G modules
- Allocation of pipelines to specific customers
- Automatic conversion of QuarkXPress documents to PDF (requires Callas software)
- Automatic control of the Callas PDFInspector2 for analyzing and evaluating PDF documents
- Definition of freely definable workflows
- Automatic e-mail notification system
- Availability of pre-compiled masks for HELIOS under Sun Solaris and for Adobe Photoshop 5.x under Windows NT/2000
- Possible system enhancement by nearly all batch-controlled Sun Solaris and Windows programs as well as Apple Script-enabled Mac OS programs
- Differentiated access authorizations for staff, customers and partners
- Seamless integration into the complete OPAS-G system with all existing modules
- Based on Oracle SQL Database
- Supported platforms:
  - Database servers: Sun Solaris, Windows NT, Windows 2000, Linux
  - File servers: Sun Solaris, Windows NT, Windows 2000, Linux
  - OPAS-G.xml-object-server: Windows NT, Windows 2000, Linux
  - Native clients: Windows 9x, Windows NT, Windows 2000, Mac OS
- Technical requirements: see http://www.OPAS-G.com

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