:APOGEE DIGITAL WORKFLOW
:Apogee AGA Prepress 8.0

	AGA Control	AGA Control Pro	AGA Workflow Base	AGA Workflow Pro	AGA Workflow Pro Color	AGA Workflow Pro Ultra
Adobe PDF Print Engine (APPE) v2.6	•	•	•	•	•	•
Agfa Advanced CMM	•	•	•	•	•	•
Adobe Normalizer 10	•	•	•	•	•	•
Client Access License	3	3	5	5	5	5
Support SQL 2008 Database	•	•	•	•	•	•
Hot Ticket Functionality	•	•	•	•	•	•
Job Management & Tracking — Job management & tracking	•	•	•	•	•	•
Full Control & Automated Workflow	•	•	•	•	•	•
Raster Preview — Colour managed raster preview with front & back preview	•	•	•	•	•	•
:Sublima (200lpi) — Agfa :Sublima screening, improvement in quality with existing setup	•	•	•	•	•	•
:ABS — Agfa Balanced Screening	•	•	•	•	•	•
In-render Trapping — Defined parameter sets to a page or in particular zone of a page	–	•	–	•	•	•
Hardcopy Proof — Output plate and colour contract proofing at the same time. Compatible with GDI.	–	•	•	•	•	•
Proof Output Management	–	•	–	•	•	•
InkDrive — Set CIP3 & CIP4 ink keys for a wide range of leading presses automatically	–	•	–	•	•	•
Joblist Management	–	–	•	•	•	•
:Apogee Impose — 'Rules' based imposition	–	–	•	•	•	•
:Apogee Impose Client License	–	–	5	5	5	5
Run List & Public PageStore	–	–	•	•	•	•
Step & Repeat — Imposition based on production plan	–	–	•	•	•	•
Merge Jobs — Create a merged job based on production parameters	–	–	•	•	•	•
Web Printing Support — Single and Multi-Web Production Schemes are supported	–	–	○	○	○	○
Plate Versioning — Create multiple language version without the need to re-render job content. Saving time and plates	–	–	•	•	•	•
:Apogee Preflight — Based on :Apogee Preflight Action List, performing self check and report generation.	–	–	•	•	•	•
PDF Export — PDF/X compatible file output to meet the PDF requirement of different platform.	–	–	•	•	•	•
Digital Print Link — Integration between :Apogee Prepress and digital press through JDF/JMF	–	–	○	○	○	○
Split for Proof — Split a defined imposition into 1-up or 2-up output without any restriction	–	–	○	○	○	○
InkSave — Ink saving without affecting the image quality	–	–	–	–	•	•
:Sublima (240/280/340 lpi) — High screen ruling :Sublima for the high end printer	○	○	○	○	○	○
:CristalRaster — Agfa :CristalRaster FM Screening	○	○	○	○	○	○
Digital Film Management/ROOM — 1-bit TIFF Digital Film Management	–	–	–	–	–	•
Digital Film Proof — Down sampled and descreened 1-bit TIFF for proofer	–	–	–	–	–	•
OpenConnect — Hot folders that accepts 1-bit TIFF	–	–	–	–	–	•
Digital Film Imposition — Use single page to do Digital Film (1-bit TIFF) imposition.	–	–	–	–	–	○
Color Quality Manager — Color Management that provides the right tools to optimise ICC Profiles	–	○	○	○	•	•
Press Repurposing — Last minutes changes on the fly to a different press parameter would not affect the colour or the quality of the output.	○	○	○	○	•	•
Agfa Professional Service for colour management and digital proofing	–	○	○	○	○	○
Agfa Professional Service for print standardization	○	○	○	○	○	○

- • Standard
- ○ Optional
- – N/A

Input > Normalizing > Preflighting > Imposition > PDF-Rendering / IRT > CTP Output
> PDF-Rendering > Digital Print Output

Workflows play a very important role in the prepress production environment. Efficiency & effectiveness are utmost important in cost and time saving. WYSIWYG colour management ensures accurate colour reproduction throughout the production, from the screen to the finished product. A streamlined and truly integrated workflow for multiple platforms – plate production, digital print, proofer, electronic publishing that is also capable of integration with MIS/ERP. It also supports JDF standard for a seamless prepress, press and postpress operation. These are the new standards for a modern prepress workflow that every printer must have.

:Apogee workflow, the first TRUE PDF workflow, the first COMPLETE JDF workflow. With more than 10 years of continuous development, :Apogee version 8.0 is the best option for commercial and packaging printer available out there. It is cost efficient, time saving and most important of all, it is able to meet the needs and requirements of all the printers. :Apogee is the weapon of choice by the successful printers!

AGFA Graphics Asia

AGFA Graphics Asia

High Automation and Flexible Control

:Apogee's unique hot ticket system makes :Apogee a fully automated system, it can meet the often complicated requirement of postpress production by a simple production plan. Production starts automatically once the files are dropped in with minimum human intervention. Changes on the fly are possible without affecting the performance of the system, it is most suitable for printers who demand efficiency.
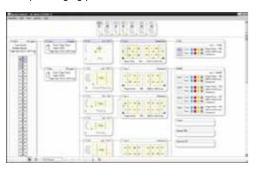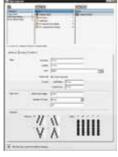

A Seamless Process

:Apogee 8.0 is based on the latest Adobe PDF Print Engine (APPE). With its' accurate file processing and WYSIWYG feature, inaccurate result and file processing error is a thing of the past. The same engine is used across multiple platforms for maximum accuracy.

:Apogee Impose, Simple yet efficient

:Apogee 8.0 comes with builtin :Apogee Impose, its' unique imposition 'Rules' completes difficult imposition with a single click, saving precious production time. Each :Apogee Impose client can perform imposition simultaneously on the system with different parameters or different imposition simultaneously, which is equivalent to having multiple imposition software running at the same time.

Plate Versioning enable the creation of multiple versions of a job fast, easy and reliable. It creates multiple language versions or other editions without the need to re-render the job content or tying up the platesetter with multiple imaging passes. It saves cost and time.

Simplify Packaging and Labeling Imposition with Step & Repeat

Step & Repeat in Apogee 8.0 enable the system to render and screen one (or more) art files, then step, repeat and nest the rendered artwork based on the production plan. This feature saves output processing time because the individual art file is rendered and screened once instead of the entire stepped job. It also guarantees identical output, even on dot level, of the multiplied art file. The end result is cost effectiveness .

Merge Jobs, Save Cost

Merge Jobs is the solution for jobs with short print run. It allows the setup of ganging form for jobs across the joblist .

The Merge Assistant will show which of the selected jobs can be merged and allows you to create a merged job and further define production parameters. Wastage is reduced to the minimum.

PDF Export & Preflight

:Apogee 8.0 is compatible with PDF/X standards and support the latest version of PDF files. PDF Export creates production ready and reliable PDF file, enable flattening, colour conversion and also includes controlled document editing functionality, font outlining and preflighting, suitable for use in printing, web publishing and e-book.

The newly developed Apogee Preflight performs preflighting based on customized parameter setting and automatically generate a report (available in Chinese).

Complete Colour Management Solution

:Apogee 8.0 comes with latest Agfa Graphics Advanced CMM engine, is able to generate PDF files with various colour space requirement. It also support calibration curve as required by each printing jobs, perform colour management on each individual page on the plate, ensuring the job meets the highest requirement of the printing world.

:Apogee 8.0 unique Press Repurposing feature with Smart Input Space Recognition (SISR) technology, is able to achieve same result with different papers and inks on different presses. Product with post processing such as varnish, will remain WYSIWYG as :Apogee workflow is able to predict the post processing result.

:Apogee 8.0 Hardcopy Proof module is equipped with closed loop calibration, resulting a differences of less 1 between the proof and final product. Apogee 8.0 also comes with InkSave as an option, with its unique ICC Profile and Grey Component Removal (GCR) technology, can achieve ink saving of up to 30% without affecting the print quality. Ink save is performed during the rip process and doesn't require any external hardware, achieving total cost effectiveness.

InkSave gives you sharper image and more stable colour reproduction, InkSave is more than ink saving!

:Sublima – Improved Print Quality with No Extra Effort on Press

:Sublima, Agfa's patented cross modulation (XM) screening technology, taking the best of both AM and FM screening is able to achieve a much better print quality with existing setup and no extra effort is needed on the press. Unnecessary investment is not required.