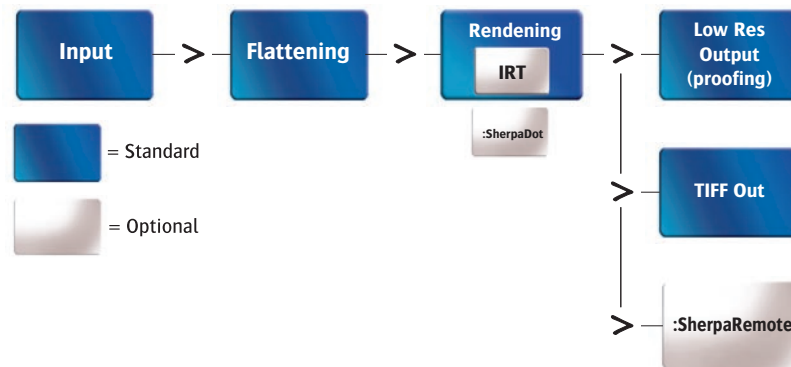


# :ApogeeX 3.5 Proofer



## Integrated Quality Control for Absolute Proofing Accuracy

Agfa's proofing solutions work in tandem with Agfa's workflow solutions to guarantee digital file integrity throughout the workflow. Stand-alone or in a non-Agfa workflow :ApogeeX Proofer is the perfect solution. It provides reliable and predictable proofing, system wide. It is versatile and can be set-up as a simple RIP or as an advanced proofing workflow system. More than a RIP, it delivers prepress functionality for managing your proofing workflow. :ApogeeX Proofer drives all :Sherpa and :SherpaProof systems as well as a range of 3rd party printers .

The client server technology puts you in control from anywhere in the network through an intuitive graphical user interface.. With built-in colour management and output quality control, the :ApogeeX Proofer delivers absolute proofing accuracy.

## Expert Proofing for Ad Agencies, Service Bureaus, Prepress Companies and Printers

In a pre-press workflow the process only becomes more productive and cost-effective if less interventions are required. But at the same time in an automated environment you will need the right check points to be in control. :ApogeeX Proofer was designed for operations that rely on multiple-vendor, off-the-shelf applications. It renders files for proofing in any PS, PDF non-Agfa workflow environment. The unique user interface helps you to manage and track proofing jobs. :ApogeeX Proofer will facilitate on-site or remote hard copy proofing with your :Sherpa or :SherpaProof system. For both on-site or remote proofing jobs you have all the tools to control output queues and monitor the proofing hard copy quality compared to industry standards.

## Adhering to Standards with Integrated Colour Management (:ColorTuneX) and Quality Management System (:QmsX)

Adhering to industry standards is critical in today's production environment. It allows production partners to exchange files and be sure that they all will achieve the same quality result. Standards also bring consistency within an organisation. Proofing will be used to communicate this quality reference throughout the workflow, even if this includes remote locations. Therefore proofs have to be made according to standard requirements. Printing conditions are simulated with strict procedures for measuring colours. Feeding this trend is the need for quality accreditation by independent graphic institutes like fogra and SWOP.

### • Colour Management

:ColorTuneX (colour management software) is designed for enterprise-wide colour control. The :ColorTuneX suite of applications is designed so :SherpaProof can reproduce the colour behaviour of specific types of printing presses, e.g. newspaper or commercial offset on the hard copy proof.

Agfa, being one of the founding members of the International Color Consortium (ICC), adheres the colour management system in :ApogeeX to the ICC colour standard. To define printing standards such as SWOP (web offset) or ISO 12647-2 (sheet fed offset), :ColorTuneX stores the printing device characteristics in ICC colour profiles. Using these ICC profiles :ColorTuneX remaps the colour gamut of the proofers in the workflow to simulate the colour reproduced on press.

Dedicated utilities like :SpectraSpot allow the :SherpaProof to match spot- and custom logo colours as they will print on those presses.

### • Quality Management

Quality Management Software (:QmsX) is designed for prepress quality control. :ApogeeX Proofer integrates Agfa's :QmsX to assist in the maintenance of a stable proofing environment. Colour profiling cannot work unless all systems throughout the organisation are calibrated to a consistent standard. With :QmsX every proofer in the workflow is calibrated using the same tonal target curve. As a result every proofer behaves identically and the same ICC colour profile can be used on all machines. :QmsX interfaces with all :Sherpa and :SherpaProof systems from anywhere in the network through a remote "client" workstation and works with a spectrophotometer.

:QmsX checks the calibration and the engine quality performance. Hence you can verify that the printing engine is stable over a period of time, but also that a number of proofers (local or remote) perform equally good compared to the reference proofing or printing standard. Colour Management and Quality control guarantee the repeatability you need from proof to proof over the whole system.

To label your controlled environment the system can even print a detailed report, so you can identify and eliminate recurring errors and in order to achieve continuous quality improvement. Agfa's implementation of those technologies simplifies calibration to printing standards and makes it part of your regular operating procedure.

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## Raster Proofing with :SherpaDot

Proofing 'digital film' can be compared to the halftone proof from film. Agfa offers the :SherpaDot option to :ApogeeX and :ApogeeX Proofer which uses a 'Dot for Dot' screening technology for :SherpaProof systems: a halftone proof on an ink jet system. It uses the original dots of the digital film to make a colour accurate proof of the final printed sheet. Now you can evaluate the visual effect of screening on your printed result and even predict subject moiré. The Digital Film Proof option which kind of goes together with :SherpaDot also features progressive separations to simulate the interaction (trapping, overprinting) between individual plates.

## Communicating colour control with :SherpaRemote

All :ApogeeX systems including :ApogeeX Proofer support integrated hard copy proofing on local and remote locations. Remote locations can be print buyers that you want to tie-in in the proof validation process, or maybe a remote printer site that will produce printed matter from your digital data. :SherpaRemote connects those 'remote' sites in the workflow in a straightforward way. :ApogeeX Proofer generates the proofing data, colour and quality controlled – the hard copy is printed on the printer that has a remote connection. A simple to use queue based printer driver manages the remote output of the pages. To verify the quality of the remote print, measuring a proof check strip with a spectrophotometer will do the job. :SherpaCMS will help you to manage these measurements and feed them back into the :ApogeeX for corrective calibrations. Optionally a 'proof quality label' can be printed so your (remote) proof is validated.

:SherpaRemote is more than an :ApogeeX feature, it is a cost and time savings tool. It makes the proofing cycle shorter and hence enhances the all-over productivity of your pre-press ( and proofing) workflow. And with Agfa's Delano, you can even extend this collaboration between your site and other parties involved. :SherpaRemote focuses on hard copy proofing. :Delano WebApproval offers also soft proofing and file approval.

## :SherpaProof Inkjet Media

For inkjet printing systems to meet the very strict requirements for contract proofing, properly coated media is crucially important. The interaction between ink and substrates determine the basic characteristics of the proofs so they can indeed match printed matter. Agfa's expertise on media guarantees the quality of a wide selection of exacting proofing bases to answer the needs of a variety of printing applications.

## :ApogeeX Proofer Matches Your Needs

:ApogeeX Proofer comes with a five-client license – giving you full control to everyone in your entire network.

:ApogeeX Proofer L supports all 24-inch systems. :ApogeeX Proofer XL has no size limitation.

## Features and Benefits

- :QmsX quality management system lets you match tonal behaviour among two or more :Sherpa systems. It verifies the accuracy of a proof over time and at remote locations.
- :ColorTuneX provides end-to-end colour management using industry standard ICC profiles to characterise all devices in the workflow for colour predictability from any workstation or proofer at any location.
- :SpectraSpot for exact definition of spot colours and their overprinting and trapping characteristics. :SpectraSpot creates custom spot colour libraries in addition to the default installed libraries like Pantone®.
- :SherpaDot makes colour exact halftone proofs to evaluate the visual effect of screening on the printed result.
- Hot folder, AppleTalk, Named Pipe, TCP/IP, LPR input channels: allow input from any Mac or PC applications
- Hot Tickets for consistent output and control
- Flattener automatically resolves transparent objects included in PDF1.4/PDF1.5/PDF1.6
- Adobe-based Renderer interprets PS or EPS, or renders PDF, with In-Render Trapping (optional) and colour management.
- Contone previewer enables softproofing to check for correct separation, overprint, knock-out, and trapping
- MultiFlow Production Plans describe all required processing steps from input to final output on the proofer, local or remote .
- One central resource database manages fonts, profiles, calibration data etc. for all connected proofers in the workflow to guarantee digital integrity. This ODCB compliant database will also log all job related processing information
- Direct drivers for the :Sherpa family and for a series of non-Agfa proofers (Epson and HP). It can also export a low res contone TIFF file to communicate proof files with other systems.
- :SherpaRemote to enable integrated proofing on remote sites fully controlled by :ApogeeX Proofer or :ApogeeX workflow systems (with the Integrated Proofing option installed).
- Job Tracking and Queue Management for complete control of proofing output
- Five-client License: Enables three operators to log-on to the :ApogeeX Proofer application simultaneously to perform quality control, manage and track job
- Supported engines  
Direct drivers are supported for the following printers\*:
  - :Sherpa 24m, :Sherpa44m, :Sherpa 43i, :SherpaMatic, :Grand Sherpa 50, :Grand Sherpa 64, :Grand SherpaMatic
  - Epson Stylus Pro 10000, 7600 and 9600
  - :SherpaProof certified : Epson Stylus Pro 4800,7800 9800
  - HP 750, 1050, 2500, 3500, 5500/42, 5500/60\*QmsX only supported on Agfa's :Sherpa and :SherpaProof certified engines
- Accreditation of :SherpaProof systems by independent graphic institutes like fogra and SWOP.

## Options for Enhanced Quality and Connectivity

:ApogeeX Proofer	Options
<b>Quality and Productivity</b>	
In-Render Trapping (IRT)	<input type="radio"/>
:QmsX - quality management for colour contract proofing	<input checked="" type="radio"/>
<b>Proofing &amp; Approval</b>	
Integrated Proofing	<input checked="" type="radio"/>
QmsX - quality management for colour contract proofing	<input checked="" type="radio"/>
:ColorTuneX colour management	<input type="radio"/>
:Sherpa CMS measurement utilities	<input checked="" type="radio"/> /O
Remote Proofing Controller (RPC)	<input type="radio"/>
Additional Proofer TP connection	<input type="radio"/>
<b>:SherpaRemote</b>	
Remote Proofing Controller (RPC)	<input type="radio"/>
Remote Proofing Receiver (comes with RPC)	<input type="radio"/>
:Sherpa CMS measurement utilities	<input checked="" type="radio"/> /O
<b>:SherpaDot</b>	
:SherpaDot (Dot for Dot including Digital Film Proof)	<input type="radio"/>
<b>Connectivity</b>	
DatabaseConnect	<input type="radio"/>
OpenConnect - import screened DCS and 1 & 8-bit TIFF	<input type="radio"/>
OpenConvert – import and convert (n)CT/(n)LW and TIFF-IT files	<input type="radio"/>
TIFF-Out (Low Res)	<input checked="" type="radio"/>
Connectivity with non-Agfa proofing devices	<input type="radio"/>
<b>Scalability</b>	
Satellite License (includes Fault-Tolerance)	<input type="radio"/>
Additional Task Processors, e.g. In-Render Trapping (IRT), Renderer, Proofing devices	<input type="radio"/>

- = option
- = standard
- /O = standard with optional report generation

For a complete list of options, please contact your local Agfa sales representative.