

Secure design validation



Interactive preflight tools for Adobe® Illustrator® users

Preflighting files to prepare them for printing is a complex chore. Even if a designer has extensive printing knowledge, it is difficult to know the printer's job requirements. With Esko's checkX, the creative professional can preflight Adobe® Illustrator® design files before they are sent to the prepress house or printer – automatically and interactively.

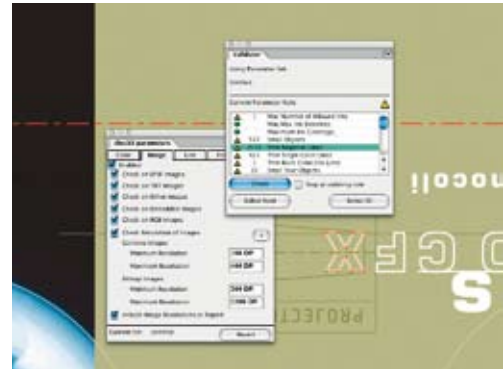
Validate the design for print

Everyone tries to push responsibility for packaging design printability as far upstream as possible. Detecting errors in an early stage eliminates possible problems and reduces operator time; thus reducing costs and improving productivity.

checkX allows to validate a design file in the application in which it was created.

The intuitive user interface offers maximum efficiency. Direct feedback is provided: checkX alerts the user to any objects that don't comply with a printability profile. Changing the object's incorrect parameter value, as specified by checkX, remedies the problem.

With checkX, a clean and printable design – including a checkX validation report – is delivered, verified against the exact profile the prepress provider had sent. A match between digital signatures embedded in both the parameter file and report is the guarantee.



Check your job against a predefined set of press parameters, and checkX helps you clean it out interactively.

Effective and easy to use checkX features

- **Auto-collect all files for transmission:** The user can choose an output folder where checkX bundles the design and all necessary files, such as images, fonts and ICC profiles. A checkX report is added on the fly .
- **In-house checking:** By providing different profiles for each printing process – or each press – checkX inspects files based on specific job requirements within Adobe® Illustrator®. Problems are resolved during the design phase, reducing time and costs.
- **Visual feedback:** When inspecting a design, checkX records each error in an easy to view list. The user can easily access problem areas for immediate correction.
- **Report Viewer:** This standalone application reads checkX or 'checkX collect function' reports. Report Viewer also confirms that graphic items described in the report are unchanged and exist on the system.



checkX also provides an easy Collect for Output feature with report generation and digital signatures on every collected item.

Parameters for all facets of the job

Printing limitations vary between printing processes or even between presses. checkX therefore registers these limitations as rules in a parameter settings file, which is the touchstone for the design inspection.

checkX allows a number of parameters to be set for each profile, including:

- **Color:** Maximum allowed number of inks, spot colors and text color components; and a warning when RGB colors are used.
- **Image:** Image type, embedded images or RGB; minimum/maximum resolution of continuous tones and bitmaps.
- **Line:** Minimal width for white, single ink, and multiple ink lines.
- **Text:** Minimum text size for normal, serif, and bold text.
- **Dot percentage and Total Area Coverage:** Minimum and maximum dot percentages are checked as well as the areas that exceed a certain Total Area Coverage percentage.



DeskPack is an integrated part of Esko's complete packaging solution, the most advanced workflow environment for the packaging industry. DeskPack turns Adobe® Illustrator® and Adobe® Photoshop® into full-fledged design and prepress production tools.