Adobe PDF Print Engine

The rendering platform for the Adobe PDF print experience

| Advanced color capabilities | Performant and robust architecture | Industry-leading print quality | Dynamic workflow capabilities |

No surprises in your commercial print jobs!

Here's how Adobe PDF Print Engine helps you expand your creative boundaries:

- Empowers designers to unleash their creativity with the latest transparency effects, smooth shades, overprints, spot colors, etc.

- Delivers predictable and accurate reproduction of complex graphic effects and colors, giving designers confidence that their art will be appropriately reproduced, without unwanted surprises.

- Uses the same core imaging technologies as industry-leading Adobe applications, effectively streamlining the hand-off between job creator and printer.

- Allows transparency to be maintained in a "live" state longer in the workflow, increasing design flexibility and guaranteeing accurate rendition on press.

Typical jobs Graphically rich content produced with Adobe Creative Cloud and non-Adobe applications | consumer packaged goods, groceries, electronics, pharmaceuticals, etc., | customer correspondence/direct mail | brochures | annual reports | publications and advertising | books | CAD, GIS maps, blueprints | signage | manufacturing – direct to object | apparel – direct to garment
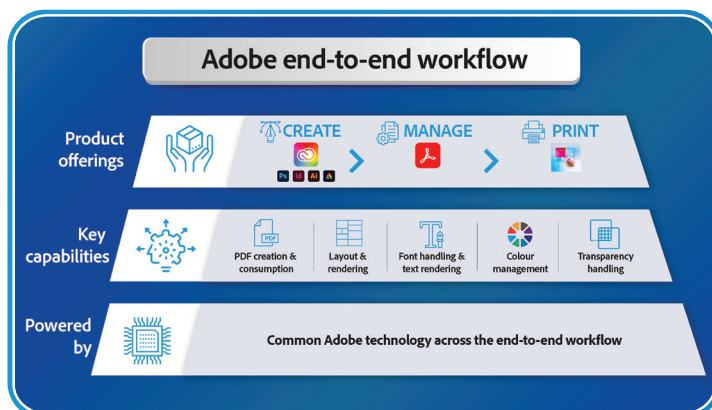
Adobe Creative Cloud tools help turn your brightest ideas into your most excellent work. You may have broken new ground with a new feature from the latest update of Adobe Illustrator or Photoshop and pushed the envelope beyond anything you have done before. After applying the finishing touches and obtaining approval, it's time to send your design to the printer. Whether you are designing a package or a brochure, it is critical that the final product accurately reflects your creative vision.

The prepress department at your printer will carefully examine your job's structure. Accurately reproducing your design on a printing press requires specialized skills and techniques. The prepress function consists of a series of stages, of which rendering is the most critical. Your design's text, graphics, and images will be broken down into atomic elements. Transparency, knockouts, and other complex effects will be reduced and simplified. Your rich palette of carefully selected hues will be funneled into several separated printing colorants, each of which will be screened into halftone dots. The rendering stage performs these operations at high speed, producing billions of pixels in a continuous stream and instructing the inkjet heads, or laser beams, when and where the color will be applied to the substrate.

Adobe PDF Print Engine, a cutting-edge rendering technology, is integrated into prepress solutions by top graphic arts manufacturers. It leverages the same core technologies as Adobe Acrobat, Photoshop, Illustrator, InDesign, and Adobe Express. This significantly reduces the likelihood of discrepancies and enhances predictability: What you see on-screen is what you will get when ink meets paper.

If your printer is powered by Adobe PDF Print Engine, you can be confident that your artistic vision will be printed as expected, without any unexpected surprises.

Reliability = Predictability + Consistency

Customers who build their print jobs with Adobe applications such as Photoshop, Illustrator, InDesign, and Express benefit from consistent technology across the end-to-end job lifecycle. Using the same Adobe technology to create, manage, and print results in reliable reproduction. PDF Print Engine also excels at rendering jobs created in non-Adobe applications.

For more information