

2025



Mockup Generator

Batch mockup generation placing artwork into frames and room scenes with perspective-correct compositing.

Python · PIL/Pillow · Perspective Transforms · Batch Processing

700+ Mockups Created

Buyers Need to See It in a Room



Mockups Sell Products

Art buyers want to visualize pieces in their space.
Room-scene mockups sell significantly faster than flat images.



Designer Bottleneck

Each mockup takes 15–30 min in Photoshop. 700 mockups = 175+ hours of designer time.



Consistency Impossible

Manual mockups vary in perspective, shadows, and framing. Every piece looks from a different seller.



Multi-Platform Sizing

eBay, Instagram, and web all need different dimensions. Resizing multiplies the work.

WHY IT MATTERS

Visual Commerce Drives Conversion

700+

Professional mockups generated
automatically

64

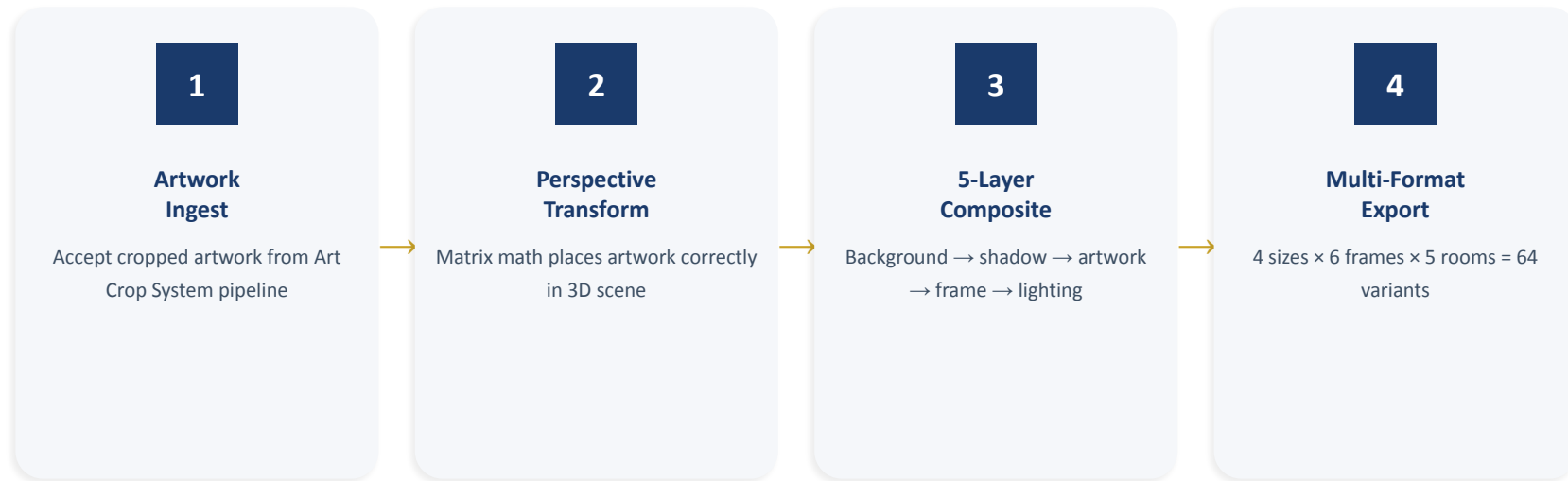
Size/frame/room combinations per
artwork

2 sec

Per mockup vs. 30 minutes manual

E-commerce is visual. Sellers with professional lifestyle imagery outperform flat-image listings by 40%+. The question isn't whether you need mockups—it's whether you can afford to make them manually.

Mathematically Correct Compositing



Proper 3D perspective transformation—not pasting and hoping. The artwork ‘sits’ in the room, not floats on it.

THE SOLUTION

Professional Mockups in Seconds

■ Perspective Math	3D-correct artwork placement
■ 6 Frame Styles	Black, white, gold, oak, floating, none
■ 5 Room Scenes	Living room, office, gallery, bedroom
■ 5-Layer System	Background, shadow, art, frame, light
■ 4 Export Sizes	1200 ² , 1600×1200, 1920×1080, 800 ²

TECH STACK

ENGINE

Python + PIL/Pillow

COMPOSITING

5-layer alpha blending

FRAMES

6 styles with color matching

ROOMS

5 configurable templates

OUTPUT

4 export sizes per combo

THE RESULTS

Art Photo to Lifestyle Image, Instantly

700+

Professional mockups generated

2 sec

Per mockup (was 15–30 min in Photoshop)

64

Unique variants per artwork piece

900x

Speed improvement over manual creation

What a designer does in 30 minutes for one mockup, this system does in 2 seconds—and produces 64 variants.

KEY TAKEAWAY

The Mockup Generator proves mathematical precision in image processing—perspective transforms, alpha compositing, layer systems—creates business value far beyond its technical complexity.

Image Processing

Perspective transforms, compositing

Template Architecture

Extensible room/frame system

Batch Automation

64 variants per artwork, seconds