

Vector Art to CAD Quick Guide

SYS-0033 / REV A / 2026.06.01

The guide covers contrast, tracing, closed regions, duplicate paths, tiny islands, projected sketch references, loop selection, grid snap, and the limitation that mesh-to-STEP conversion does not restore design intent.

STATUS	REFERENCE
CLASSIFICATION	SYS
MATERIAL	SVG / CAD
DISPOSITION	REFERENCE GUIDE

TECHNICAL NOTES

A short guide for preparing PNG art, tracing it to vector paths, and importing clean regions into a model.

SPECIFICATION

INPUT	Clean PNG
OUTPUT	SVG / embossed geometry
CHECKS	Closed paths / duplicates
STATUS	Reference

DEVELOPMENT HISTORY

2026.06.01 / Rev A

Collected the image-to-vector and sketch-reference quick-guide topics.

RELEASED MATERIAL / SOURCE LINKS

SYS-0033_vector-to-cad-guide.txt

GUIDE / 2 KB

https://u225x.com/downloads/SYS-0033_vector-to-cad-guide.txt

CONNECTED RECORDS

MDL-0140

<https://u225x.com/record/MDL-0140>

SYS-0024

<https://u225x.com/record/SYS-0024>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/SYS-0033>