

CAD Drawing Automation Workflows

SYS-0022 / REV A / 2026.08.12

The planned workflow pairs Python as a job runner with model-native rules where that is useful. The public record covers safe parameter checks, flat-pattern and DXF workflows, drawing-view management, inspection export, and audit logs without exposing employer source, templates, network paths, or customer data.

STATUS	PLANNED
CLASSIFICATION	SYS
MATERIAL	PYTHON / ILOGIC
DISPOSITION	PLANNED WORKFLOW

TECHNICAL NOTES

A public-safe roadmap for turning repetitive CAD and drawing work into repeatable tools.

SPECIFICATION

RUNNER	Python / pywin32 concept
NATIVE RULES	Inventor iLogic
TARGETS	IPT / IAM / DXF / PDF
STATUS	Architecture recorded

DEVELOPMENT HISTORY

2026.08.12 / Rev A

Captured the public-safe automation roadmap and boundaries.

RELEASED MATERIAL / SOURCE LINKS

SYS-0022_workflow-map.txt
ROADMAP / 3 KB
Awaiting public upload.

CONNECTED RECORDS

SYS-0017

<https://u225x.com/record/SYS-0017>

DAT-0004

<https://u225x.com/record/DAT-0004>

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-0022>