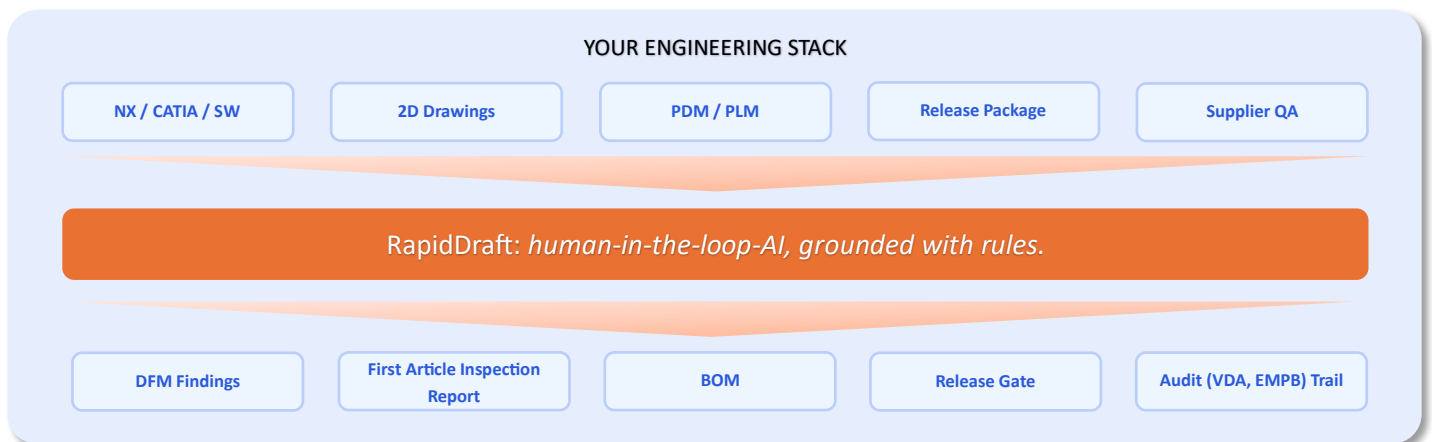




## Agentic drawing release and design review for engineering teams

**RapidDraft** helps hardware teams catch design and drawing issues earlier, automate repetitive review checks, and preserve decision context across CAD models, manufacturing drawings, and release workflows.



Design intent lives in **CAD**.  
 Manufacturing requirements live in **drawings**.  
 Review logic is **tribal knowledge**.  
 Collaboration is **inefficient**.  
 Drawing-review is **error-prone**.  
 Quality inspection is **slow** and **tedious**.

- ✓ Integrate with **existing PLM** landscape
- ✓ Create **QA documents** from **CAD** files
- ✓ Standardize **technical drawings** (ISO/ASME)
- ✓ Perform **Design for Manufacturing** (DFM) analysis
- ✓ Ensure **collaboration** across teams (OEM/Suppliers)
- ✓ Run **on-prem** AI and train with **anonymized** data

### RapidDraft helps you

- Analyze manufacturing drawings**  
Find missing, inconsistent, or review-critical information before release.
- Accelerate design reviews**  
Apply engineering, manufacturing, and company-specific logic.
- Remove team silos**  
Bring teams together through a shared CAD review environment.
- Preserve company knowledge**  
Synthesize tribal knowledge (comments, issues / findings, and manufacturing feedback).

### Typical use-cases are

- 1 Technical drawing checks**  
Find common errors in drawings before they hit production.
- 2 Quality inspection documents**  
Generate BOM, first article inspection report and other QA documents from CAD data.
- 3 Design for manufacturing reviews**  
Find common manufacturing issues with your design, before supplier feedback.
- 4 Supplier/OEM CAD collaboration**  
Allow QA, design and other teams to collaborate in a shared environment.

### AI with Data Sovereignty: Data stays in-house

#### Data Sovereignty

AI models run locally on-prem

#### IP Protection

Training only on anonymized or approved data

#### Employee Trust

AI workflows are transparent, traceable, and reliable

#### Data Quality

Remove inconsistencies across part data, drawings, and BOMs

### Launch a pilot with RapidDraft

Start with a focused workflow: one product family, one drawing-release process, or one recurring review bottleneck.

✓ **30% ROI**  
by improving design review workflows

✓ **Scalable Local AI**  
by deploying in a local and scalable manner

