

COMPLIANCE FOR AEC: 19 TOOLS, 4 BROAD CATEGORIES

Several of these sit in more than one category. Structured AI works on native Revit models as well as PDFs and could also be placed in Group 1. Uptocode covers code research alongside package review. The four categories are a way of locating where a tool might sit in your own process rather than a fixed classification.

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INSIDE THE BIM AUTHORIZING TOOL

Requires a BIM authored model of high enough quality to interrogate

AI-BOB

AI-BOB does continuous verification against models, covering area compliance, accessibility and BIM execution plan checks.
■ www.aibob.io



Kestrel Labs runs checks natively in Revit, tying results to the model element and citing the code section.
■ www.kestrellabs.com



Pirros runs its quality management review on the Revit project that is open and surfaces the findings back in the model rather than in a separate report.
■ www.pirros.com



Baumind reads regulations, checks 3D geometry and auto-generates corrections.
■ www.baumind.space



Archie connects to Revit, Archicad and BIM 360 and holds meetings, notes, regulations and design changes on one timeline, with automated code checks alongside.
■ www.archiecodes.com

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DOCUMENTS AND SPECIFICATIONS

Aimed at the sheer volume of information a project produces



CODiii connects to Google Drive or SharePoint, classifies project documents automatically and runs conflict detection and gap checks with no file migration.
■ www.codiii.com



Specset, formerly Specbook.ai, cross-references specs, drawings, RFIs and submittals as one system and integrates with Procore and ACC.
■ www.specset.com



Nomic checks drawings against what it puts at more than 380 building codes, grounded in your own project documents.
■ www.nomic.ai



Ichi handles submittal reviews and document checks at scale, with a persistent memory layer for jurisdiction rules and client preferences.
■ www.ichiplan.com

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DRAWING SETS AND PDFs

No BIM required, which suits an industry that still demands PDF deliverables



Helonic works from 2D PDFs across cross-sheet consistency, code, schedules, references and specs in a single pass.
■ www.helonic.com



MarkedUp uses computer vision for sheet index audits, callout verification and schedule sync, and positions itself as a final audit rather than a first pass.
■ www.markedup.ai



Archiboost combines code compliance and QA/QC with a firm knowledge hub that draws on past project detailing.
■ www.archiboost.ai



Freedda pairs AI with expert human review, returning a report in hours, and operates across Europe, North America and the Middle East.
■ www.freeddaai.com



Uptocode covers drawing, BIM model and PDF review alongside documentation and specification intelligence, and extends into code research and reference.
■ www.uptocode.ai



Tektome reviews a whole package against statute, the client brief and a practice's own standards, showing each risk with a citation.
■ www.tektome.com



Structured AI is a QA/QC platform for drawing packages that works across both PDF drawings and native Revit models.
■ www.getstructured.ai



Buildcheck reviews drawings with the aim of reducing authority comments, RFIs and change orders before they arise.
■ www.buildcheck.ai

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CODE RESEARCH AND REFERENCE

No project data required, so more of a pre-compliance check on the requirements. The easiest place to start



UPCodes is a searchable code platform now connecting codes directly to specifications through its AI-native spec module.
■ www.up.codes

struck

Struck supports regulation lookup and permit checking with cited answers, built on a filterable library of building codes spanning several countries including England.
■ www.struck.eu