Smart Documentation

Value Proposition

Automate your way to faster, better drawings

Up to **30–60% of the total project time**, depending on project scale and workflows, is spent on documentation tasks. Transitioning from 3D models to 2D drawings—along with manual checking and editing—is often inefficient and error-prone.

Smart Documentation from ARKANCE Be.**Smart** portfolio automates this process—eliminating repetitive steps, saving hours, ensuring consistency, and allowing professionals to **focus on design** instead of paperwork.

Built for architects, engineers, and BIM managers, this powerful Autodesk® Revit® plugin enables you to:

- Automate the creation of views, sheets, dimensions, tags, legends, and schedules
- Deliver consistent, high-quality drawings efficiently
- Perform tasks 2–10x faster than using plain Revit
- Reduce errors, ensure compliance, and meet deadlines with ease
- Integrate seamlessly with Revit and Excel-based data workflows

Whether for design development or construction documents, Smart Documentation helps you produce **accurate, standardized project outputs—on time, every time**.
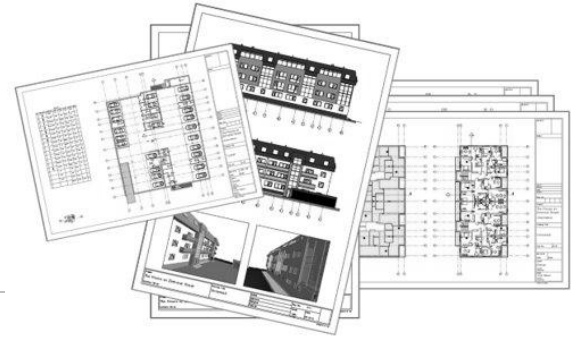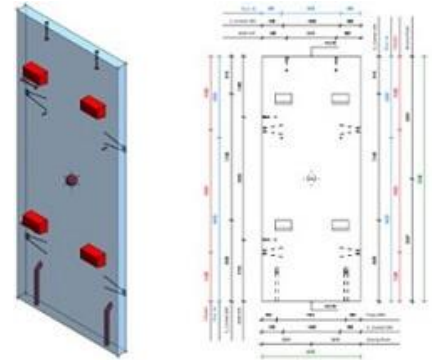
Save time & avoid repetitive tasks

Even in fully modelled 3D BIM projects, 2D drawings are still needed for manufacturing and construction.

Manual generating design drawings takes a lot of time because it means placing views, legends, and schedules on sheet after sheet after sheet. With Smart Documentation, you can avoid all of this.

Finish projects faster & meet deadlines

Easily convert architectural, structural and mechanical drawings to construction drawings—ready for delivery.

Automated, high-quality output

Generate complete, standards-compliant shop drawings—plans, sections, elevations, large-scale details, assemblies—with predefined templates replacing hours of drafting with just a few clicks.

Include dimensions, annotation tags, text notes, legends, and schedules without manual placement.

Do more with less efforts

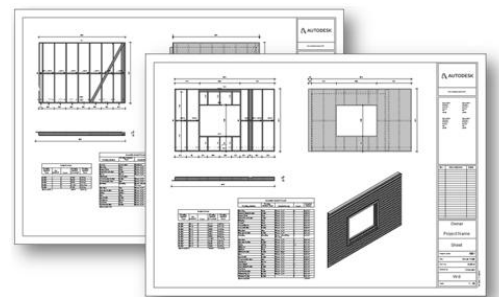Smart Documentation automatically performs rule-based tasks:

- ✓ Places dimensions and tags
- ✓ Creates views, sheets, assemblies
- ✓ Marks, numbers, and renames elements
- ✓ Builds legends and schedules
- ✓ Integrates Excel data into Revit drawings
- ✓ Produces barcodes/QR codes for elements with associated info

Fast, precise legends & schedules

Auto-generate detailed, accurate legends and schedules with all necessary data from Revit and Excel in seconds.

Flexible configuration ensures compliance with your project standards and adapts to design changes—ensuring consistency and eliminating errors.

Suitable for all disciplines

Architectural, structural, and MEP teams can use Smart Documentation to quickly produce accurate construction drawings directly from 3D models.

Get started

Visit Smart Documentation **product page** to take a free 14-day trial

Smart Documentation

Confident in what we say: **ROI** example

Real project use case:
Documenting a 4-storey apartment building

Stage	Task	Time, min (plain Revit)	Time, min (Revit + Smart Documentation)
Views	Create views for 10 elements (3D view, plan, sections, elevations)	30	2
	Tag & dimension 10 element views (3D view, plan, sections, elevations)	60	10
	Update views after changes to 10 elements	30	5
Assembly views	Create 1 assembly with views & schedules (with view templates)	0.5	0.1
	Dimension & tag assembly views	4	1
	Update 1 assembly, its views & sheets after changes	3	0.5
	Place assembly views on a sheet	2	0.2
Numbering & Tags	Renumber 20 grids (new or renamed)	4	0.25
	Create & assign specific mark to 100 elements	5	0.1
	Mark 100 elements with specific mark one-by-one	15	3
	Fill swing direction for 100 doors in parameter value	5	0.1
	Fill coordinate/elevation values in parameter value for 100 elements	15	0.1
	Batch tag 100 elements in view using rules & filters (by tag or parameter value), specify tag position, use multiple tags for same category elements	15	2
	Move 100 tags that intersect/overlap	5	1
Dimensions	Create dimension chains for 10 parallel elements	5	0.5
	Dimension 1 building façade	4	1
	Add 100 inter-element dimensions in view	10	2
	Add 100 dimensions from elements to the closest structure: wall, floor, column, etc.	15	3
Legends & Data	Import Excel data into Revit projects with style settings	40	1
	Update Revit tables from Excel changes	20	0.5
Sheets	Add views to already-created 4 sheets in same position	3	0.5
	Update 4 sheets with new views, legends & schedules	3	0.5
	Distribute 40 views on sheets in defined order	15	1
	Total:	**309 min (5.15 h)**	**35 min (0.58 h)**

Note: Table shows time per task, not total project documentation time.

Learning and configuration may require up to 10 hours initially (depending on the engineer's proficiency in Revit, company' standards, project complexity, etc.) but **save hundreds of hours per year**.

Why **choose** Smart Documentation?

This Revit add-in is ideal for firms looking to:

• Speed up design documentation
• Reduce manual work and errors
• Deliver projects on time and budget
• Standardize outputs across teams
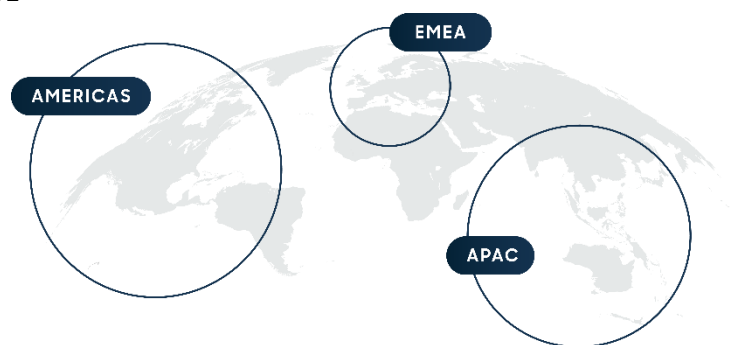• Gain a fast return on investment

Ideal use cases

- Precast and in-situ concrete elements
- Light-gauge steel and timber framing
- HVAC, plumbing, electrical systems
- Modular architecture and panelized systems
- Interior design

Smart Documentation

BE.SMART | CORE

Licensing options

Available as a **single product** or part of the Be.**Smart Core Collection**, which also includes Smart Browser, Classification System, Cut Opening, and Smart Walls.

Global reach, local support

With decades of expertise in the AEC industry, ARKANCE brings deep knowledge of BIM workflows and Revit productivity. Our team behind the Be.**Smart** portfolio works closely with professionals to develop tools like Smart Documentation—tested, refined, and built for real-world needs.

Our global presence across 50+ offices ensures **reliable, local support** wherever you work. Guided by our mission to '**Build a Better World'**, we empower AEC professionals with the tools and support they need to build smarter, faster, and better.

EMEA

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APAC

| Tools for different purposes | Efficiency | Time-saving automation | High quality | Easy to learn | Qualified support | Guaranteed ROI |

Let's talk

Need help choosing the right solution for your team?
Contact us at **arkance.world**

>K ARKANCE
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