SKYMESH
3D

THE FUTURE OF 3D SCANNING IN ARCHITECTURE

FROM BLUEPRINT TO DIGITAL TWIN

Discover how 3D scanning is transforming the future of architecture—one building at a time.

2025

MILESTONEDIGITAL.IO/SKYMESH3D

INTRODUCTION

Architecture is no longer imagined—it's captured, digitized, and built with precision.

Once reliant on blueprints, field notes, and manual measurements, the architectural world is undergoing a digital transformation. 3D scanning now allows us to capture environments down to the smallest detail, converting the physical world into data-rich, navigable models that feed directly into design tools like BIM, CAD, and immersive VR platforms.

What was once a static document is now a dynamic digital twin—alive with context, geometry, and possibilities. Whether scanning a heritage building or mapping a future development site, architects are gaining powerful insight before ever lifting a pencil.

This technology is more than a convenience—it's a competitive edge. It cuts down site visits, eliminates costly surprises, and improves collaboration across teams and disciplines. It empowers creatives to respond to the real world in real time, aligning vision with verified conditions.

3D scanning also levels the playing field. Smaller firms can now compete with larger ones by leveraging reality capture to reduce friction in their workflow and deliver high-impact visuals to clients, stakeholders, and city officials. From conceptual design to construction documentation, scanning compresses timelines, clarifies expectations, and brings environments to life before they're even built.

The future belongs to those who can bridge the gap between physical space and digital intelligence. With 3D scanning, that bridge is already being built—one laser line at a time.

"The future belongs to those who can bridge the gap between physical space and digital intelligence."

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“The most powerful tool in architecture is no longer the pen—it’s the ability to capture reality and reimagine it with absolute precision.”

CHAPTER ONE
WHY ARCHITECTS ARE TURNING TO 3D SCANNING

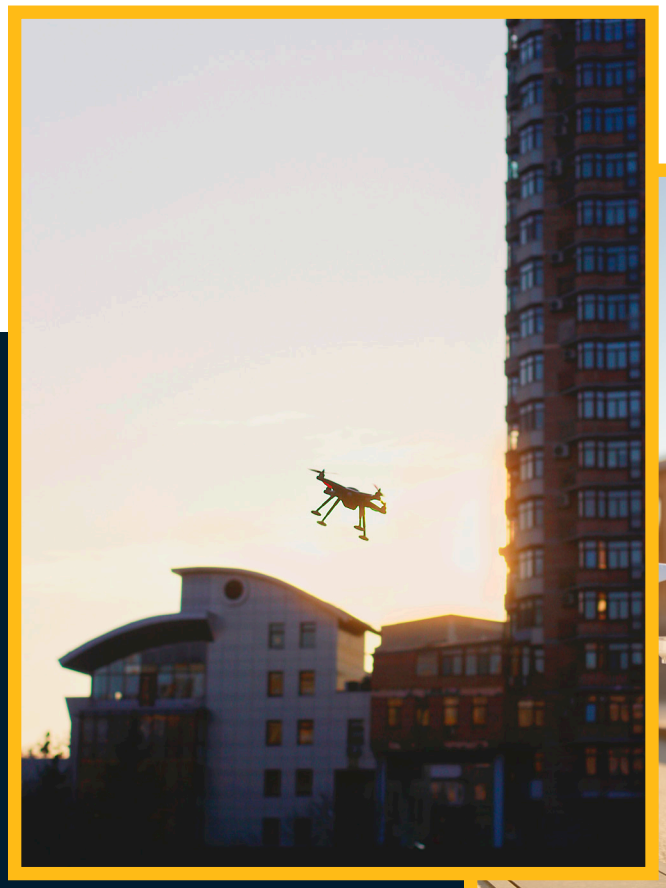
In an industry where precision, speed, and visualization are everything, 3D scanning has quietly evolved from a niche curiosity into a critical tool for modern architecture. What used to require tape measures, manual sketches, and cautious guesswork is now being replaced by high-resolution, real-world data — captured in minutes and ready for CAD, BIM, and VR applications.

Whether it's a historic preservation project or a brand-new commercial build, today's architects are embracing 3D scanning to reduce risk, improve collaboration, and streamline everything from pre-design to post-construction.

The Problem with Traditional Workflows

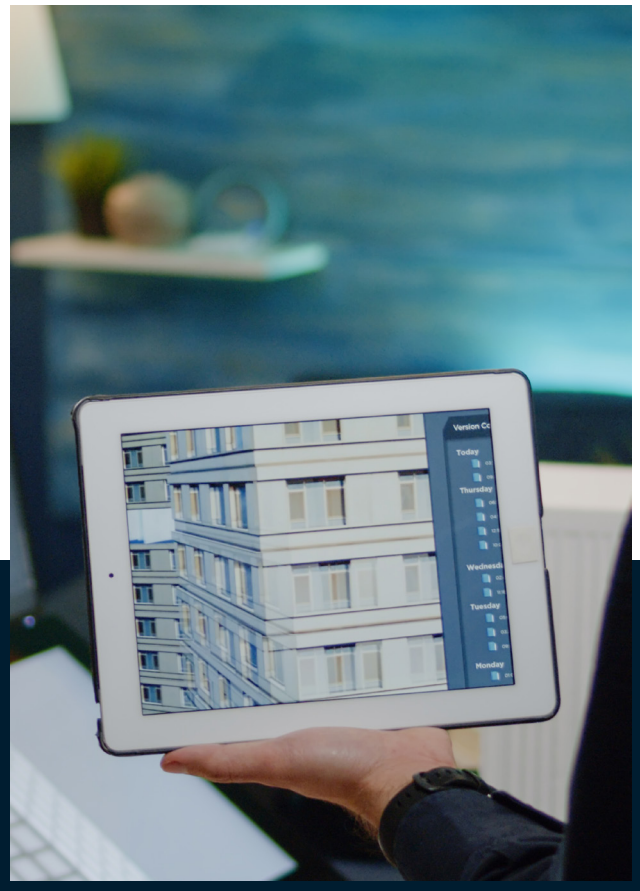
Architects have long relied on manual site measurements, blueprints of uncertain accuracy, and incomplete documentation — especially during renovation or retrofit work. Even laser measurers and 2D site photos leave room for error. A few missed inches can snowball into weeks of delay or thousands in rework.

In fact, according to a 2020 McKinsey report, as much as **35% of construction costs can be attributed to rework caused by poor documentation and data misalignment.** 3D scanning doesn't just patch this flaw — it removes it entirely.



What 3D Scanning Brings to the Table

At its core, 3D scanning is the process of capturing real-world geometry using lasers or structured light and turning it into a digital model that can be measured, modeled, or visualized with precision.



Accuracy That Moves Architectural Projects Forward

3D scanning not only reduces rework but also accelerates decision-making. When teams have real-world, measurable models from day one, they can make smarter calls earlier in the design process.

Whether you're working on:

- a heritage building where preservation is key,
- a tight urban lot where space is constrained,
- or a large commercial site with mixed materials and varying elevation...

...3D scanning delivers accuracy that tape measures simply can't — often down to fractions of a millimeter.

Modern handheld scanners like the Artec Leo or Leica BLK2GO, as well as drone-based photogrammetry and LIDAR, allow architects to:

- Capture accurate as-builts in irregular or aging structures
- Document facades, interiors, and complex geometries in detail
- Generate precise mesh models or point clouds that integrate seamlessly with software like Revit, Rhino, ArchiCAD, and SketchUp
- Collaborate remotely with engineers and stakeholders using cloud-based viewers and walkthroughs

Unlike photography or manual drawings, scans don't just show what something looks like — they give you the **actual shape and size** in full 3D.

> ***“In the hands of an architect, a handheld scanner becomes more than a tool—it becomes a key to unlocking the truth of every space.”***

Handheld 3D scanners are redefining how architects and designers interact with the built world. Once bulky and restricted to labs or industrial sites, today’s scanners are fast, portable, and precise—capable of capturing a full interior in hours, not days. With no need for external tracking systems or survey-grade GPS, handheld units like the Artec Leo or the Leica BLK2GO let you walk through a space and digitize it as you move, capturing detailed geometry, surfaces, and even textures in real time.

For architects, this means fewer site visits, cleaner as-builts, and immediate integration into design software like Revit, Rhino, or SketchUp. These scanners don’t just record walls—they capture the invisible stories embedded in a space: the slope of a warped floor, the true height of a beam, the bow of an old brick facade. With this level of spatial fidelity, design can begin with confidence—and clients can visualize the future with clarity.

From Measurement to Model — Without the Guesswork

The real power of scanning is how easily it fits into modern digital workflows. Once scanned, a structure can be exported into Revit (as point clouds or mesh geometry), Rhino, or even Unreal Engine for immersive presentation.

Architects can immediately:

Start modeling in context with confidence

Overlay proposed designs on existing conditions

Generate virtual walkthroughs or shadow studies

Reduce costly site visits and manual verification

In short, scanning becomes the foundation for every decision that follows — and turns the real world into a digital canvas you can build on.

What’s Coming Next

As scanners get faster, smaller, and more automated, expect 3D scanning to become the default method of site capture. Firms that adopt it now will lead the charge in digital twins, smart city integration, and immersive design communication.

In the next chapter, we’ll dive deeper into how architects are using scans in real projects — from retrofits to VR presentations — and explore workflow examples you can follow or adapt.

CHAPTER TWO

CORE SCANNING WORKFLOWS IN ARCHITECTURE

While the benefits of 3D scanning are clear, the real value lies in how seamlessly it fits into a variety of architectural workflows. From initial site capture to immersive presentations, 3D scanning enhances every phase of a project — especially when paired with BIM tools, CAD software, and photorealistic rendering environments.

In this chapter, we'll explore the **most common use cases**, real-world examples, and the tools architects are using today to turn scans into results.

Scan-to-BIM

When a building already exists — especially one that's aged, undocumented, or irregular — traditional blueprints are rarely reliable. That's where Scan-to-BIM becomes essential.

What it is:

A workflow where a 3D scan is captured (usually as a point cloud or mesh), then imported into software like Revit or ArchiCAD, and used to build an accurate model based on real-world dimensions.

Common use cases:

- Renovations and retrofits
- Adaptive reuse projects
- Facility management for hospitals, hotels, and campuses
- Urban infill developments

Real-World Scenario:

A design team is tasked with renovating a 1930s industrial warehouse into modern co-working space. Using a handheld scanner, they capture the entire structure — walls, pillars, HVAC, even minor structural sag. The resulting mesh is used to create a Revit model that reflects reality, not assumptions.

Facade & Detail Scanning

Architectural details like cornices, moldings, and ornamental facades are often difficult (or impossible) to document manually — especially when they're high up, curved, or weathered.

Why scan?

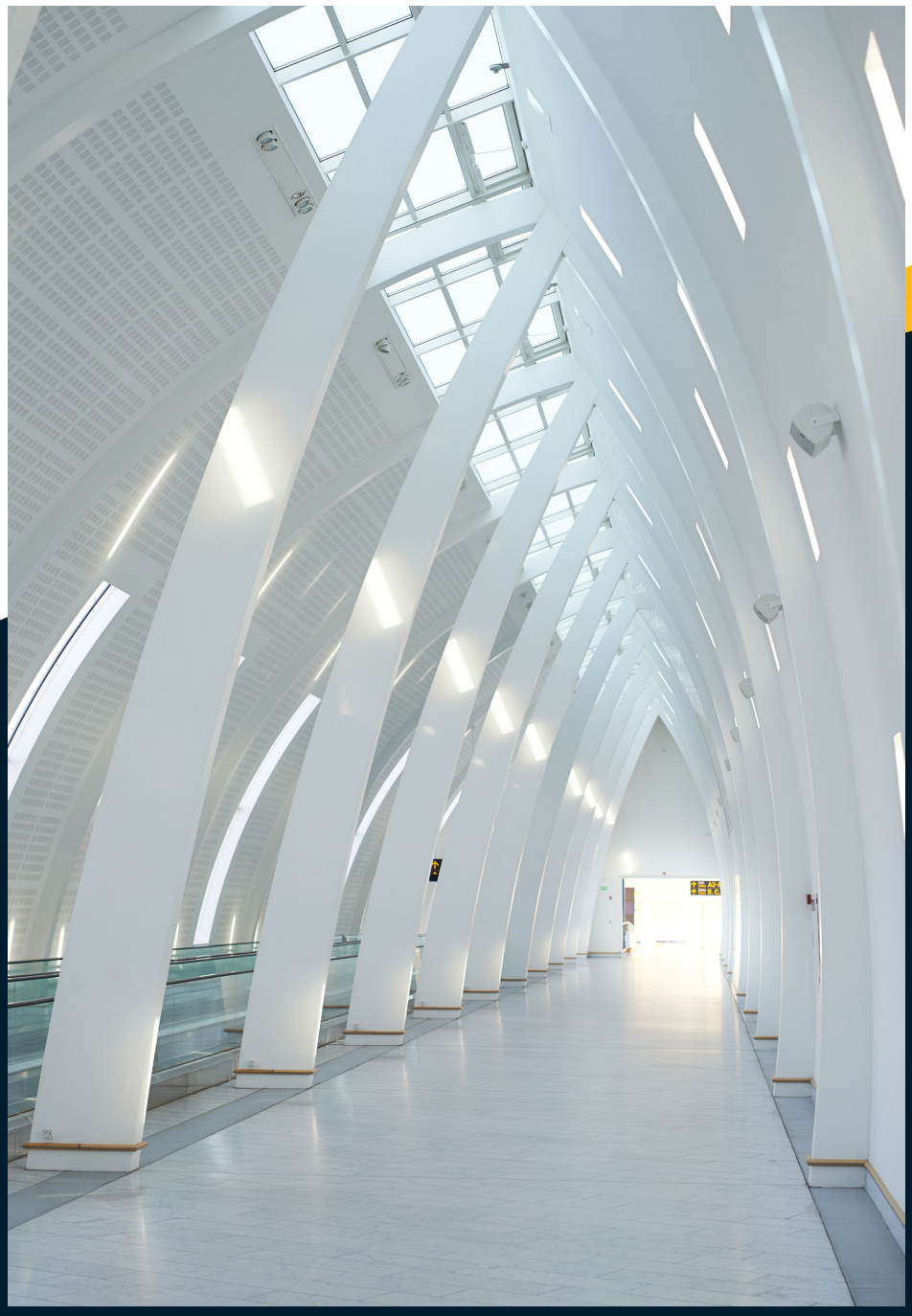
- Preserve legacy features digitally
- Recreate damaged sections for restoration
- Transfer classical details to new builds

Tech used:

- Handheld structured light scanners for fine detail (e.g. Artec Leo or Spider)
- Photogrammetry with DSLR or drone for texture capture

Real-World Scenario:

A historic courthouse needs to recreate missing facade elements after storm damage. 3D scanning captures undamaged sections. These are mirrored and modeled for fabrication via CNC or 3D print, blending seamlessly with the original design.



When it comes to capturing intricate exteriors, handheld scanners shine where other tools fall short. Unlike aerial drones or static tripod systems, handheld units offer full control to navigate tight angles, recessed features, and textured surfaces—like brickwork, carvings, or aging facades. This mobility allows for high-resolution capture with minimal site disruption.

In facade and detail scanning, precision isn't just about measurement—it's about preservation. Every bowed lintel, chipped cornice, or ornate molding tells a story. Handheld scanners make it possible to digitize these features for restoration, documentation, or fabrication. The resulting point cloud or mesh becomes a foundation for modeling, repair planning, or digital archiving.

Site Planning & Aerial Surveys

For larger lots, multi-structure projects, or sites with uneven terrain, drone scanning is an architect's best friend. Drones equipped with **LIDAR or photogrammetry rigs** can capture **orthomosaics, contour lines, and full terrain models** in hours — without ever setting foot on uneven ground.

Deliverables:

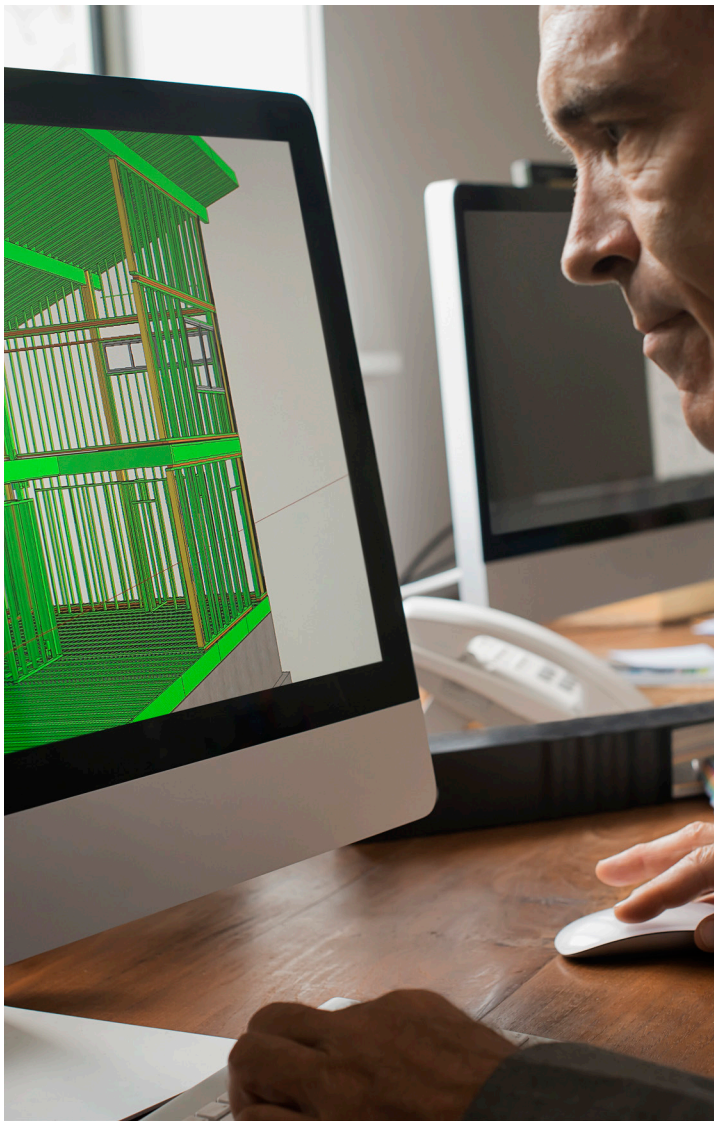
- Topographic models (usable in Rhino, Revit, SketchUp
- Grading and drainage analysis
- Volumetric calculations (for excavation, earthwork)
- High-resolution overhead images for presentations

Real-World Scenario:

A development firm wants to build a mountain-view retreat. SkyMesh 3D flies a drone over the ridge to capture elevation, slope, vegetation, and shadows. Architects use the scan data to model how the structures will sit in the environment — with minimal ecological disruption.

> ***"Great design starts with great data—and nothing sees the big picture like the sky."***

Aerial 3D scanning provides architects and planners with a detailed, accurate view of the entire site—before a single line is drawn. Drones equipped with LiDAR or photogrammetry systems can quickly map topography, identify slopes, and capture surrounding structures, all with centimeter-level precision. This data integrates seamlessly into BIM and CAD workflows, helping teams make smarter, faster decisions from day one.



VR & Presentation Workflows

Scanned models are also powerful presentation tools. Whether integrated into Unreal Engine, Enscape, or Twinmotion, they allow clients and stakeholders to "walk through" a building that hasn't been built yet — or see how proposed renovations interact with existing structures.

Why it matters:

- Stakeholders understand scale and form better in 3D
- VR makes decision-making faster and more informed
- Reduces revisions due to misinterpretation of flat plans

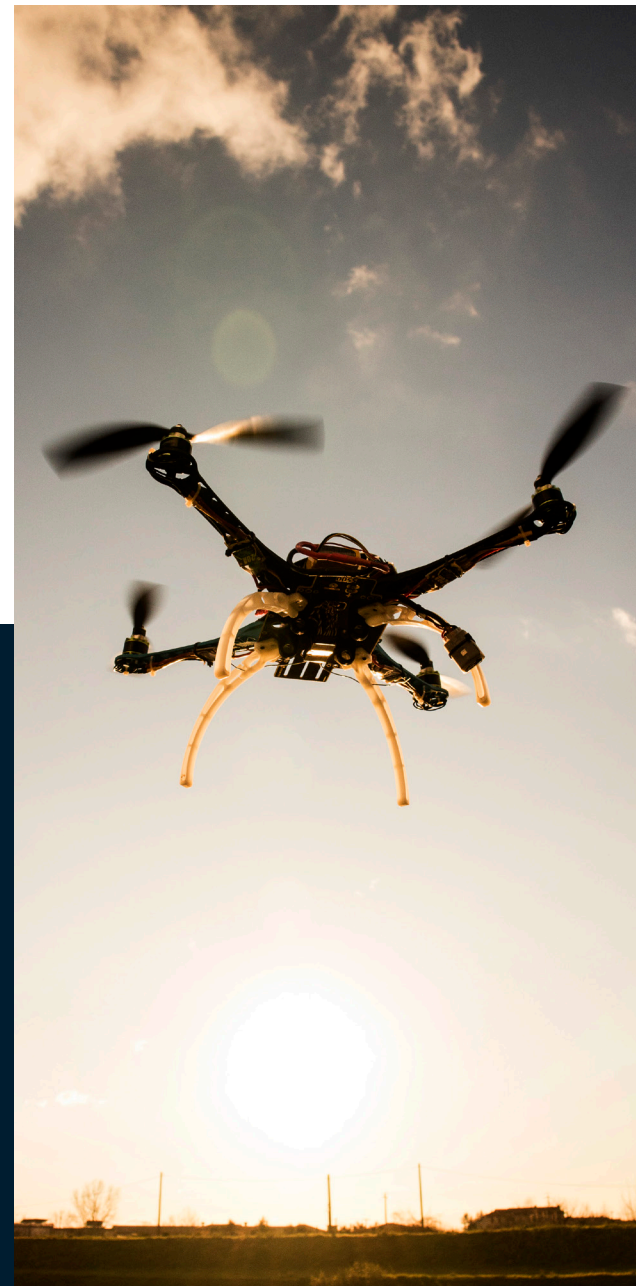
Real-World Scenario:

A multi-unit housing proposal is hitting community resistance. The architect combines drone scans of the neighborhood with a 3D model of the proposed building to create a realistic VR walkthrough. Once the community sees how it fits the scale and character of the area, the plan is approved.

Workflow	Scanning Tool	Software	Output
Scan-to-BIM	Artec Leo, BLK2GO	Revit, ArchiCAD	.e57, .RCP, .OBJ
Facade Detail	Artec Spider, DSLR + photogrammetry	ZBrush, Rhino	.OBJ, .STL, .PLY
Aerial Site	DJI Mavic 3 Enterprise, LIDAR drone	Pix4D, RealityCapture	.LAS, .TIFF, .FBX
VR/AR	Blended scans + model	Unreal, Twinmotion, Enscape	.FBX, .GLB, .USDZ

The Power of Hybrid Workflows

The real magic happens when **aerial and ground scans are merged** into one continuous model — a digital twin that includes everything from terrain to interior floor plans. With alignment markers and proper processing software, it's possible to integrate data captured from **multiple sources, angles, and times**, enabling fully immersive, data-rich environments.



Precision lives in the details. Perspective lives in the sky. When you merge both, you get the full truth of a space.

Hybrid workflows combine the strengths of aerial and handheld scanning to produce comprehensive, high-fidelity 3D models. Drones capture large-scale context—terrain, rooflines, building massing—while handheld scanners dive into fine details like structural connections, textures, and interior spaces. By aligning both datasets into a unified model, architects gain a holistic view of the project site, inside and out. This layered accuracy enables smarter design decisions, streamlined documentation, and seamless integration into BIM environments.

What's Next?

In the next chapter, we'll look under the hood at the specific **scanners, software, and export formats** used in these workflows — including tips for choosing the right tool for your firm's size, style, and goals.

CHAPTER THREE

TOOLS OF THE TRADE — HARDWARE, SOFTWARE & FORMATS

3D scanning for architecture isn't just about pointing a fancy device at a building. Behind every clean mesh or stunning virtual walkthrough is a tightly integrated toolchain of scanners, software, and file formats — each chosen for the specific task at hand.

In this chapter, we'll break down the hardware that captures, the software that processes, and the file formats that carry your data into Revit, Rhino, Unreal Engine, and beyond.

Handheld Scanners for Detail and Portability

When scanning interiors, small-to-mid-sized buildings, or detailed facade elements, handheld scanners are the most flexible and accurate option.

Top Pick: Artec Leo

- **Type**: Structured light (no targets required)
- **Resolution**: Up to 0.1 mm
- **Key Feature**: Real-time onboard preview screen + battery-powered (no cables)
- **Best For**: Interiors, walls, ceilings, fixtures, ornamentals, furniture

Other options:

- **Artec Spider** – Higher detail, ideal for scanning small or intricate parts
- **FARO Focus / Leica BLK2GO** – LiDAR-based, great for larger interiors or full-building scans with automated registration

Aerial Scanning for Site + Massing Context

For full property scans, land planning, and external documentation, drones are essential.

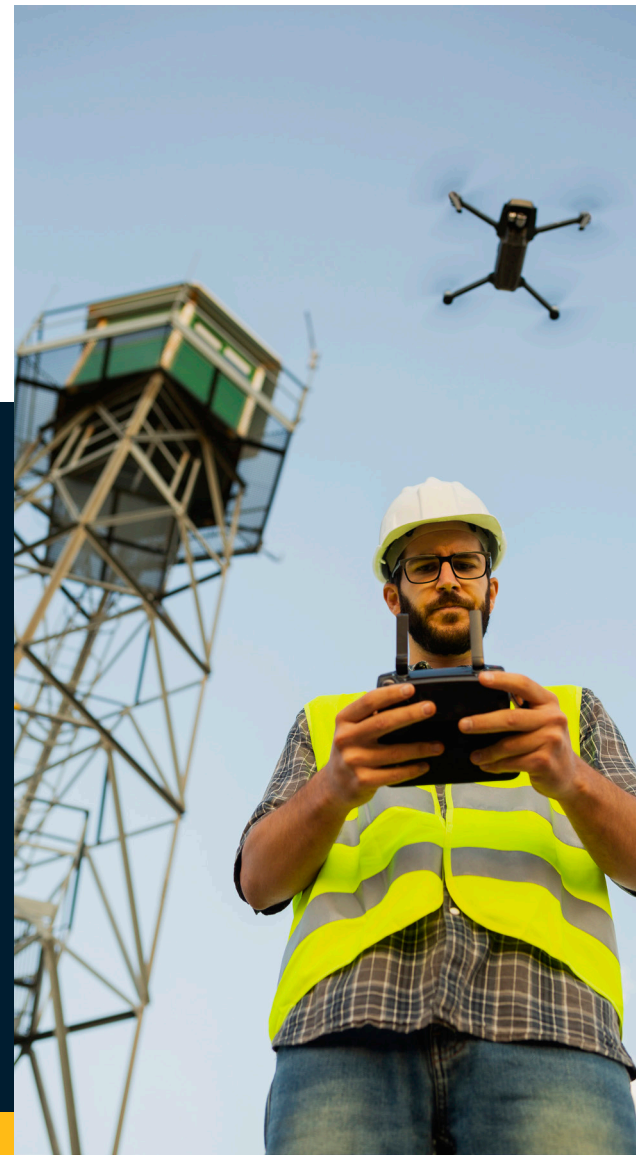
Top Pick: DJI Mavic 3 Enterprise + RTK Module

- **Type**: Photogrammetry + GPS
- **Use Cases**: Rooflines, terrain modeling, site mapping
- **File Output**: Orthomosaics (.TIFF), point clouds (.LAS), textured mesh (.OBJ or .FBX)

Other options:

LIDAR drones (like DJI Matrice 300 + Zenmuse L1) – More expensive, but great for dense vegetation or highly accurate elevation

Pix4Dscan or DroneDeploy – Drone scanning apps for flight planning and model creation



LiDAR Drones: Precision Mapping at the Speed of Flight

LiDAR-equipped drones revolutionize site scanning by capturing millions of data points in minutes—through dense vegetation, over rugged terrain, and across expansive areas. Unlike traditional photogrammetry, LiDAR reads the landscape with laser accuracy, producing detailed 3D models ideal for topographic surveys, grading plans, and large-scale site development.

Processing Software: From Scan to BIM

Once you've captured the data, it needs to be cleaned, aligned, and converted to formats your design software understands.

Software	Purpose	Best For
Artec Studio	Scan cleanup, mesh generation	Leo, Spider scans
RealityCapture	Photogrammetry + mesh creation	Drone scans
CloudCompare	Point cloud editing (free)	Alignment, comparison
ReCap Pro	Autodesk-friendly point cloud prep	Revit workflows
Blender / ZBrush	Artistic modeling, cleanup	Organic forms, stylized assets
Rhino + Grasshopper	Advanced modeling	Parametric architecture

Pro Tip: For architectural BIM workflows, converting point clouds to **.RCP** or mesh to **.OBJ/.FBX** keeps compatibility high.

File Types Architects Should Know

Format	Use Case	Notes
.OBJ	Universal mesh format	Good for facades, interiors, and modeling
.E57	Point cloud	High-accuracy, works with ReCap, Rhino, etc.
.RCP / .RCS	Revit point clouds	Native Autodesk formats
.FBX	Animation or Unreal workflows	Preserves textures
.GLB / .USDZ	Web and AR export	Great for virtual showrooms

Hardware Comparison Chart

Feature	Handheld Scanner (Leo)	Drone + Photogrammetry	LIDAR Drone
Accuracy	High (0.1 mm)	Medium (1–5 cm)	Very High (2–5 cm)
Best For	Interiors, small spaces, details	Land, rooftops, exterior massing	Forested sites, terrain
Price Range	$28K–$40K	$5K–$10K	$25K–$50K
File Types	OBJ, STL, E57	LAS, TIFF, FBX	LAS, PLY, E57
Portability	High	High	Medium (requires setup)

Matching Tool to Project Type

Project Type	Recommended Tool(s)
Small building retrofit	Artec Leo + Revit
Historic facade recreation	Artec Spider + Rhino
Commercial site planning	Drone + Pix4D + SketchUp or Revit

What Architects Really Need to Know

Most architecture firms don't need to **own** a scanner — they need a trusted service provider with:

- The right gear
- BIM/CAD compatibility
- Fast turnaround
- Ability to deliver clean, usable files

That's where SkyMesh 3D steps in. Whether you need a full site digitized, a historic cornice scanned for restoration, or a drone-assisted model for your city proposal, we deliver scan-ready files engineered for design, not just documentation.

What's Next?

In Chapter 4, we'll look into the future of architecture through scanning — how digital twins, smart cities, and immersive design will be built on the back of this technology. If you want to stay competitive, that's where your firm needs to be heading.

SkyMesh 3D: Reality Captured. Possibilities Unlocked.

At SkyMesh 3D, we deliver high-resolution aerial and terrestrial scans for architects, engineers, developers, and creatives. From LiDAR terrain mapping and drone-based site planning to precision handheld scanning for interiors and facades, our hybrid capture workflows produce clean, usable 3D data—ready for BIM, CAD, VFX, and beyond. Whether you're restoring, building, or visualizing, we turn the real world into your digital foundation.

CHAPTER FOUR

FUTURE APPLICATIONS — FROM DIGITAL TWINS TO SMART CITIES

3D scanning is no longer a novelty or a luxury in architecture — it's the backbone of a much larger shift in how we design, document, and interact with the built world. This chapter explores where scanning is headed next, and why firms that adopt it now are setting themselves up to lead.

The Age of the Digital Twin

A **digital twin** is a fully detailed digital replica of a physical space — not just a static model, but a living, evolving asset. With the right scanning workflow, architects can now create digital twins of buildings that:

- Are **accurate down to the millimeter**
- Can be updated over time as buildings change
- Integrate with smart sensors and IoT devices
- Serve as the **foundation for facilities management**, renovation planning, and immersive presentations

Use case: A university campus scans all its buildings during renovation. Each model becomes a digital twin used to track HVAC, electrical updates, and ADA compliance — reducing downtime and improving long-term planning.

Smart Cities Start with Smart Scans

Municipal governments are beginning to adopt **3D scanning at the urban scale** to improve infrastructure, traffic flow, zoning, and emergency response planning. These scans form the basis of city-wide digital models that:

- Allow planners to visualize development proposals in context
- Simulate population density, lighting, and shadowing
- Assist first responders with real-time spatial awareness
- Support AR navigation and urban analytics

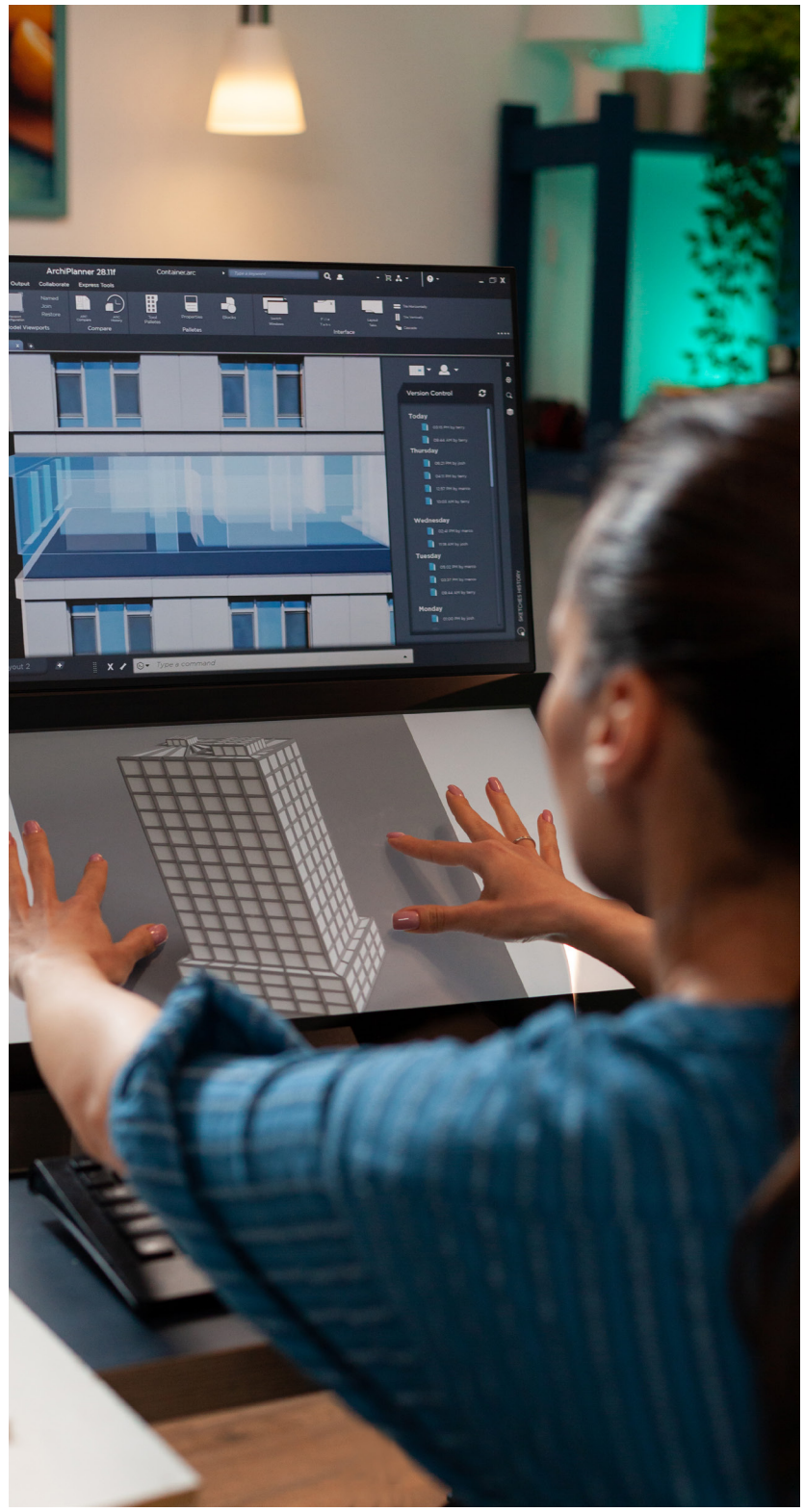
Example: Singapore, Helsinki, and Boston are all building full-scale 3D models of their cities using aerial scans + LiDAR + GIS integration.

Immersive Design: AR, VR, and Beyond

As architecture becomes more experiential and client-driven, 3D scanning bridges the gap between concept and understanding. Once scanned, a building or site can be:

- Walked through virtually in **VR**
- Experienced in **AR overlays** using a phone or headset
- Presented as an **interactive model** for stakeholder feedback

Use case: A real estate firm uses SkyMesh 3D to scan a luxury penthouse. Prospective buyers around the world take a VR walkthrough using an Oculus headset — weeks before construction is complete.



Digital Construction, Faster Permitting

Cities and permitting agencies are warming up to digital review models. With accurate 3D scans of existing structures and proposed designs overlaid, approvals become:

- **Faster** (fewer surprises or resubmissions)
- **More transparent** (easier for committees to understand)
- **More defensible** (reduced liability and miscommunication)

Combine this with drone-captured aerial context, and you get smarter workflows and fewer costly errors.

What's Coming Next

Tech	What It Enables
Real-Time Scanning	Instant site updates during construction
Cloud Collaboration	Teams working simultaneously in shared scan environments
AI-Driven Scan Cleanup	Faster post-processing, automated mesh prep
Scan + BIM Fusion	Updating BIM models as buildings evolve

Why This Matters Now

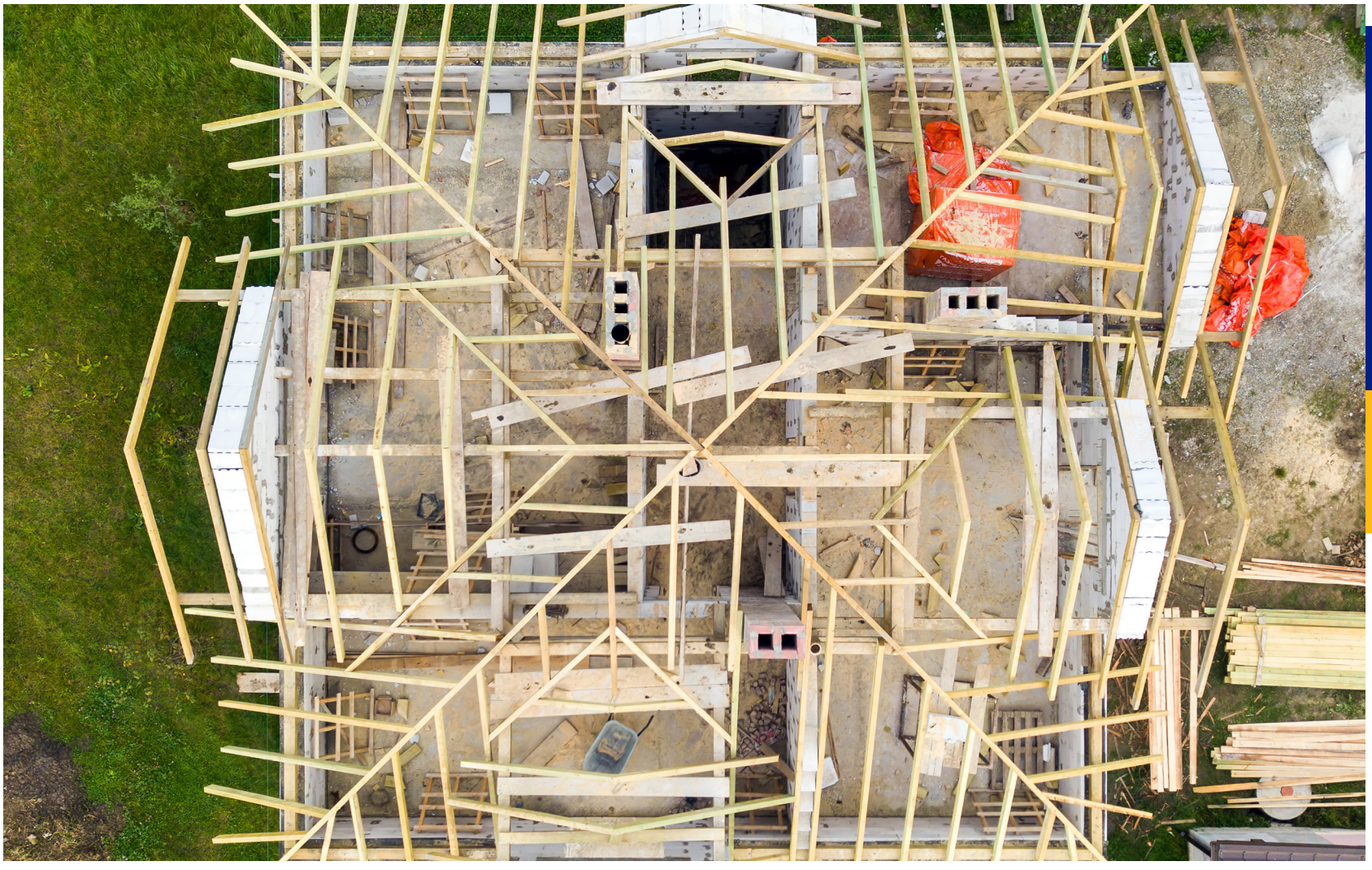
The firms that get ahead today — the ones who integrate scanning into their design DNA — will be:

- First to win complex RFPs
- Faster at design revisions
- More convincing in client pitches
- Better at avoiding field errors and budget overruns

As scan costs drop and accessibility rises, this technology won't be optional — it'll be **expected**.

What's Next?

In our final chapter, we'll look at a real-world case study that brings all of this together. You'll see how SkyMesh 3D workflows were applied to a full project — from scan to model to deliverable — with speed, clarity, and precision.



CHAPTER FIVE

SCAN → DESIGN → DELIVER

(CONCEPT DEMONSTRATION)

While this example is fictional, it represents a highly achievable workflow using current tools and processes.

When you talk about 3D scanning, it's easy to get wrapped up in the specs — the formats, the drones, the software. But the **true value** of this technology lives in the results it creates: faster workflows, smarter designs, and a final product that's more accurate, immersive, and compelling than anything traditional methods could deliver.

In this chapter, we'll walk through a real-world style case study — a project that shows how SkyMesh 3D's scanning workflows enhanced every phase of the architectural process.

The Challenge: Converting an Old Building into a Boutique Hotel

An architectural firm approached SkyMesh 3D with a unique challenge:

They were tasked with converting a 1920s-era brick industrial building into a **4-story boutique** hotel in a growing historic district.

There was just one problem:

No accurate documentation existed. No up-to-date blueprints. No reliable floor plans. And the structure had been modified multiple times over the decades.

The stakes were high — and so was the risk of rework, permitting delays, and budget overrun if the firm started designing blindly.

Step 1: The Scan

No accurate documentation existed. No up-to-date blueprints. No reliable floor plans. And the structure had been modified multiple times over the decades.

The stakes were high — and so was the risk of rework, permitting delays, and budget overrun if the firm started designing blindly.

Interior:

- **Artec Leo** was used to scan all four floors
- Hallways, staircases, ceiling heights, exposed pipes, and wall conditions were captured
- Accuracy down to **0.1mm**, with no need for markers or targets

Exterior:

DJI Mavic 3 Enterprise drone used for aerial

photogrammetry

- Captured the roofline, facade, lot boundaries, and adjacent structures
- Cross-referenced satellite data and city overlays for zoning reports

Outputs Delivered:

Clean **.OBJ and .E57** files for each floor

Orthographic projection slices

Aerial site model as **.LAS and .FBX**

One fully textured composite mesh for immersive VR review

Step 2: The Model

The architectural team imported the **E57 point cloud into Revit**, where they were able to:

- Model the as-built conditions **without visiting the site again**
- Identify and design around **structural warps** in the brickwork
- Overlay new MEP (mechanical, electrical, plumbing) runs using actual ceiling clearances
- Design new hotel suites that matched the building's original column spacing and light flow

They also pulled the drone-captured mesh into **Rhino + Twinmotion** to build a virtual model for community review.

Step 3: The Walkthrough

SkyMesh 3D then exported the cleaned mesh into **Unreal Engine**, giving the client a **first-person VR walkthrough** of the proposed hotel. Stakeholders were able to:

- Virtually walk through the reception area, suites, and rooftop lounge
- Examine historic features like exposed beams and original flooring
- Provide feedback before a single permit was pulled

This walkthrough helped secure early investor buy-in and made the city's permitting office fast-track approval.

Final Deliverables Included:

- BIM-compatible Revit-ready model
- Textured mesh files in FBX + OBJ
- 3D aerial site overlay
- VR-ready virtual tour assets
- PDF scan summary and layer callouts
- Custom QR code linking to cloud viewer for stakeholder access

Final Deliverables Included:

Metric	Before SkyMesh 3D	After SkyMesh 3D
Site visits needed	5+	1
As-built modeling time	3+ weeks	4 days
Design revisions	7	2
Permitting timeline	10 weeks	6 weeks
Budget deviation	18%	<5%

A Virtual Win

A historic industrial building was transformed into a fully scannable, navigable model—helping stakeholders visualize the project before construction ever began.

When site conditions proved unpredictable and documentation was nonexistent, we deployed a hybrid workflow using drone photogrammetry and handheld LiDAR to capture the structure in its entirety. The resulting digital twin gave the client and investors full access to the space in immersive 3D—before a single wall came down.

Using Revit and Twinmotion, the team conducted virtual walkthroughs, flagged design issues early, and accelerated approvals. What once took weeks of back-and-forth became a streamlined, visual-first process that helped secure funding, win trust, and reduce change orders.

Key Takeaways

- Hybrid scanning (aerial + handheld) unlocks full spatial context
- Clean, CAD-ready files reduce design guesswork
- Visual deliverables drive stakeholder approval
- Digital twins help preserve historic integrity without sacrificing modern luxury
- The architect's job becomes **simpler, faster, and more visual**

Wrapping Up

3D scanning isn't just for mega-firms or high-tech developers. It's for **every architect** who wants to do better work, faster — and stay ahead of where the industry is heading.

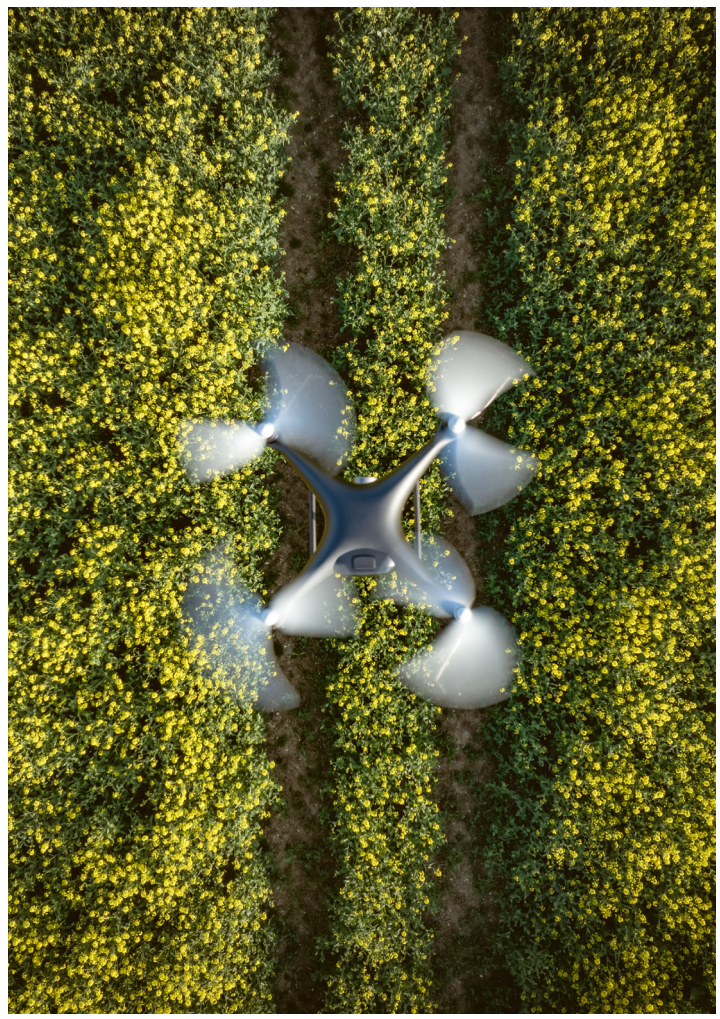
SkyMesh 3D is here to help bridge the gap between physical reality and design imagination. Whether you're retrofitting a rowhome, developing a property portfolio, or reimagining a landmark, the tools are here — and we're here to help you use them.

THANK YOU

Thank you for taking the time to explore the future with us. Your interest in 3D scanning, architecture, and digital transformation means the world—and we're thrilled to be part of your creative or professional journey. We believe this technology isn't just a tool; it's a movement toward more accurate, more meaningful design.

If you've been inspired by what you've read, we invite you to join us as an early backer of our Kickstarter campaign. Your support helps bring SkyMesh 3D's vision to life—funding the equipment, development, and outreach needed to make these services widely available. Even a small contribution makes a big difference.

We have a lot more to share about the possibilities of SkyMesh 3D



We're building more than a business—we're building a community of forward-thinkers, builders, and visionaries who care about precision, creativity, and progress. By backing us, you're helping shape the future of how we capture and interact with the world around us.

Want to stay in the loop? Subscribe to our updates and follow SkyMesh 3D as we release project case studies, scanning demos, and behind-the-scenes content. We're just getting started—and we'd be honored to have you with us from day one.

With deep gratitude,
– The SkyMesh 3D Team

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