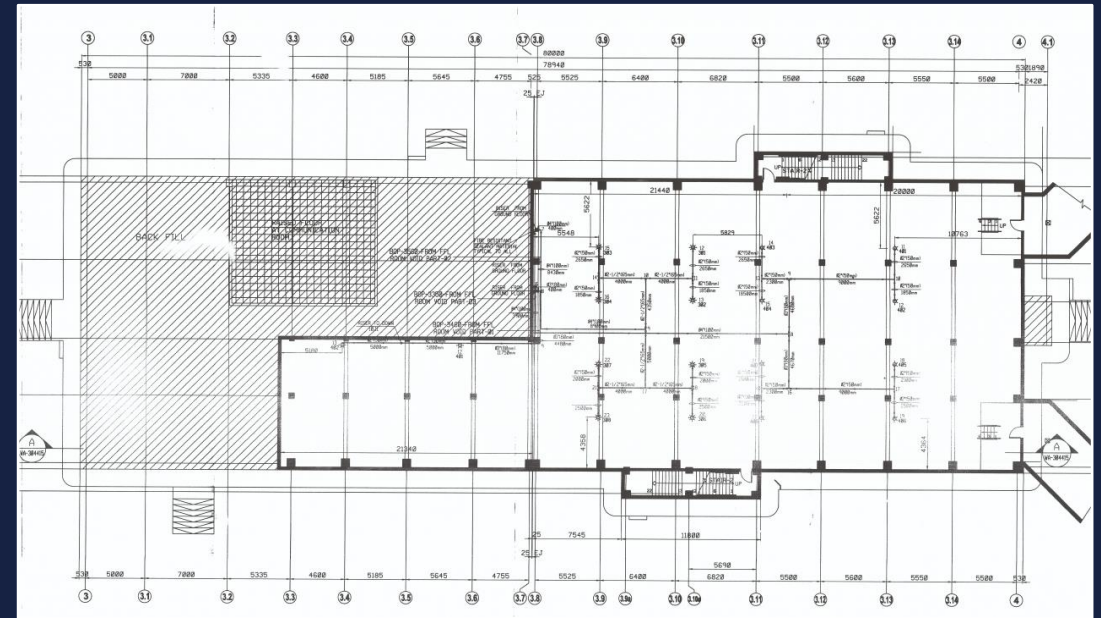




EXPERT'S ADVICE & DESIGNING

Precision in Engineering | Excellence in Design | Quality in Delivery

**Your extended
CAD & engineering
support team**



Built for long-term partnerships



VISION

Connect with global clients through on-time, high-quality, cost-effective CAD and data solutions—building long-term partnerships based on trust and excellence.

MISSION

Make technical design and data work easier through dependable support tailored to day-to-day needs. Produce accurate CAD documentation and organized data with clear communication and project requirements at the center. Combine technical expertise, meticulous execution, and responsive support to improve workflows and support long-term growth.

Principles that shape every engagement

01

Commitment to excellence

We take pride in giving our best in everything we do.

02

Driven by agility

We embrace technology and adapt through agile transformation.

03

Unyielding reliability

Our workflows reflect dependable, consistent performance.

04

Power of teamwork

We collaborate in a supportive environment to deliver outstanding results.

05

Built on honesty

We earn trust through integrity, transparency, and straightforward communication.

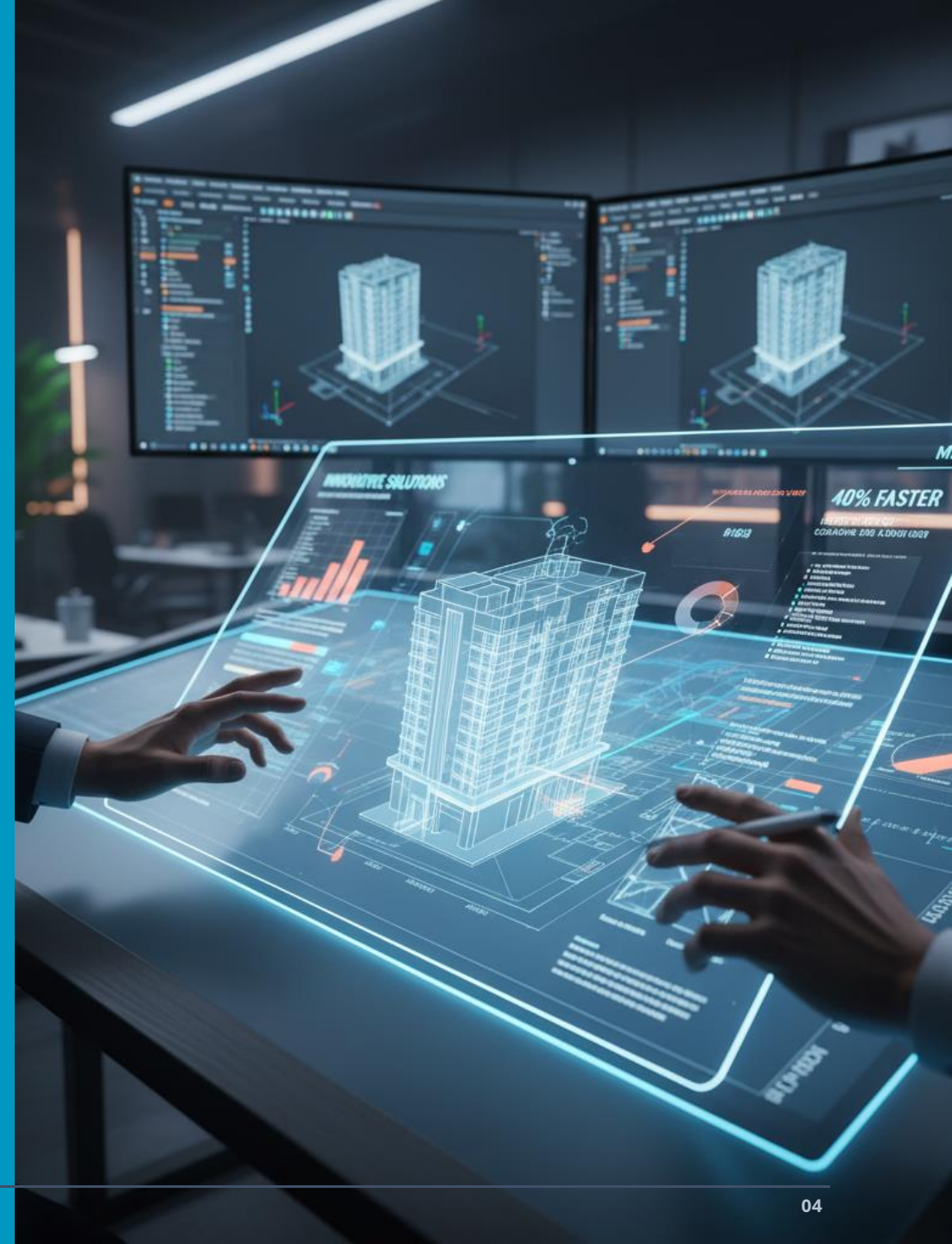
Technical depth meets delivery agility

01 Technical edge

We deliver innovative, cost-effective solutions efficiently, sharing productivity gains with clients. Our team uses leading technology and a broad CAD software portfolio, with specialists equipped to work within clients' existing software environments and systems.

02 Innovation & efficiency

We apply advanced technology to deliver smart, economical solutions quickly while supporting enhanced productivity. Our technology focus spans CAD conversion, indexing, document management, and conversion needs.





CORE CAD CAPABILITY

From paper drawings to precise digital CAD

We convert traditional paper drawings into accurate, high-quality digital CAD files.

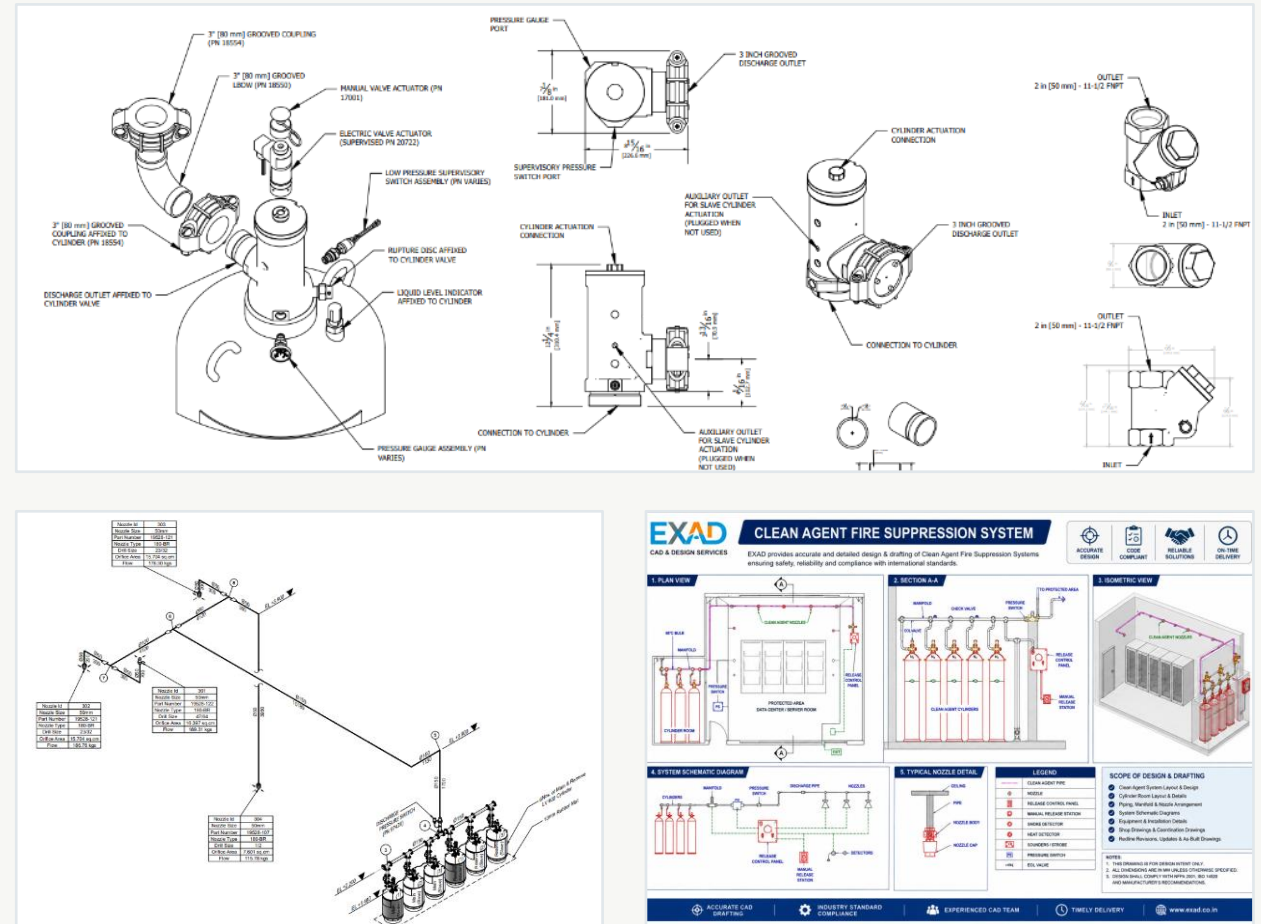
- Every element is translated to your CAD requirements or recognized international standards.
- We handle architectural, engineering, civil, mechanical, MEP, firefighting, and structural drawings.
- Multi-platform CAD capability supports smooth compatibility with your current software and systems.

PRECISION • COMPATIBILITY • SCALE

Firefighting drawings ready for coordination

WHAT WE DELIVER

- Sprinkler, hydrant, and hose-reel layouts
- Fire pump room, riser, and valve arrangement drawings
- Firefighting shop drawings and coordinated layouts
- Equipment, piping, and installation details
- Redline revisions, drawing updates, and as-built documentation
- AutoCAD drafting for commercial, industrial, and infrastructure projects



FIRE ALARM SYSTEM LAYOUT & RISER DIAGRAM



ACCURATE
DESIGN

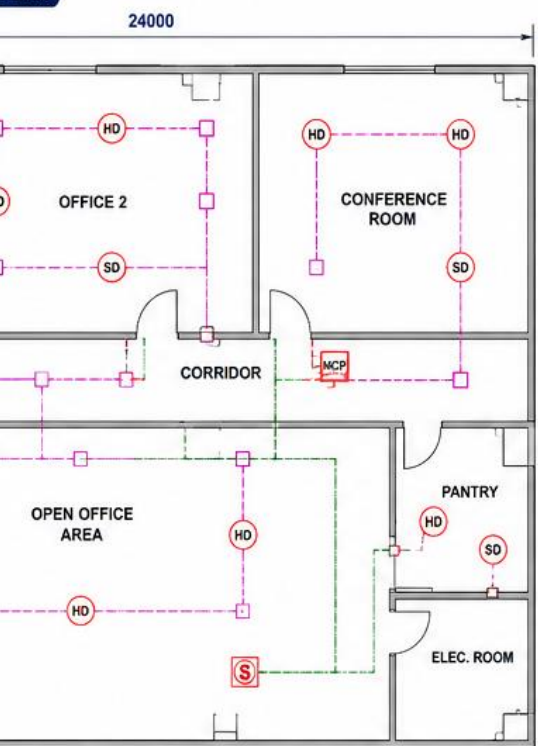


CODE
COMPLIANT

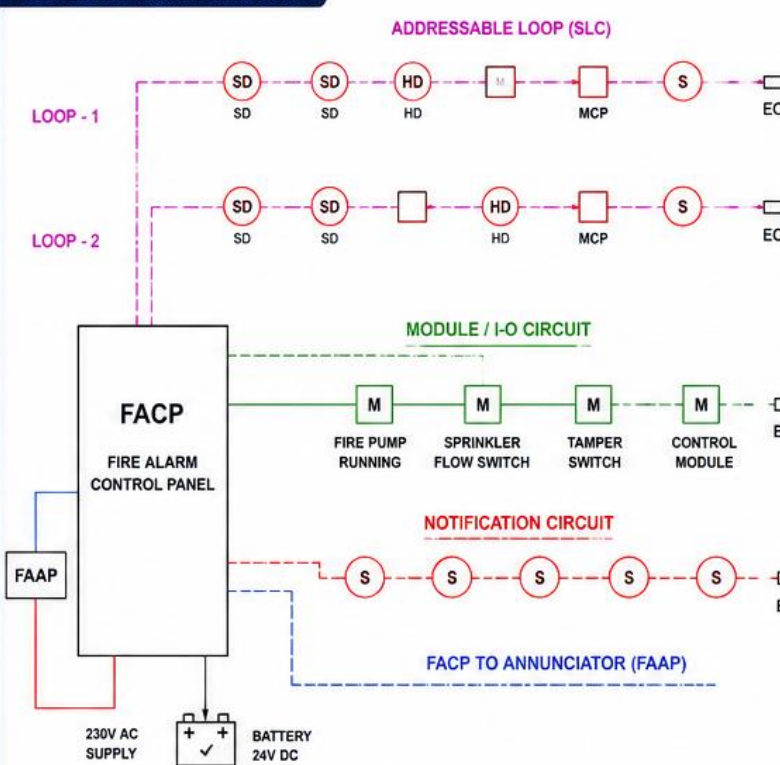


RELIABLE
SOLUTIONS

PLAN



2. FIRE ALARM RISER DIAGRAM



ENGINEERING SERVICES

Complete fire alarm drafting support

WHAT WE DELIVER

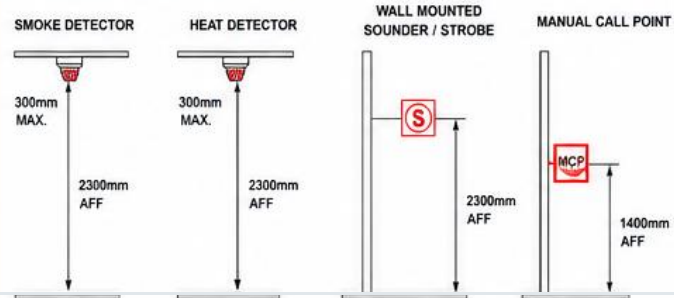
- Fire alarm device layout drawings
- Smoke and heat detectors, MCPs, sounders, and notification devices
- FACP, loop and circuit routing, and system schematics
- Cause-and-effect and interface drawing support where required
- Shop drawings, revisions, and as-built documentation
- AutoCAD drafting based on approved engineering inputs and client standards

NOTES :

1. ALL WIRING SHALL BE IN FIRE RESISTANT CABLE.
2. ALL DETECTORS ARE ADDRESSABLE TYPE.
3. INSTALLATION SHALL COMPLY WITH NFPA 72.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS.

EXAD

3. TYPICAL MOUNTING HEIGHT



4. CABLE LEGEND

- ADDRESSABLE LOOP (SLC)
- MODULE / I-O WIRING
- NOTIFICATION CIRCUIT
- FACP TO ANNUNCIATOR



LIFECYCLE DOCUMENTATION

Accurate as-built records protect the project lifecycle

Redline markups & as-built services

We convert hand-drawn or digital redline edits into precise, finalized CAD drawings—turning raw design changes into a clean digital archive that reflects the project's final state.

Enhancing project lifecycle management

By systematically incorporating every change and annotation, we create a reliable as-built record for facility management, maintenance, and future renovations. The result remains a professional reference for years to come.

DOCUMENT THE CHANGE. PRESERVE THE ASSET.

AutoCAD to MicroStation SEED II conversion

SAMPLE CONVERSION OUTPUT



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AUTOCAD TO MICROSTATION SEED II CONVERSION DRAWINGS

Accurate Conversion | Better Data Management | Industry Compliant Deliverables



ACCURATE CONVERSION



DATA RICH DELIVERABLES

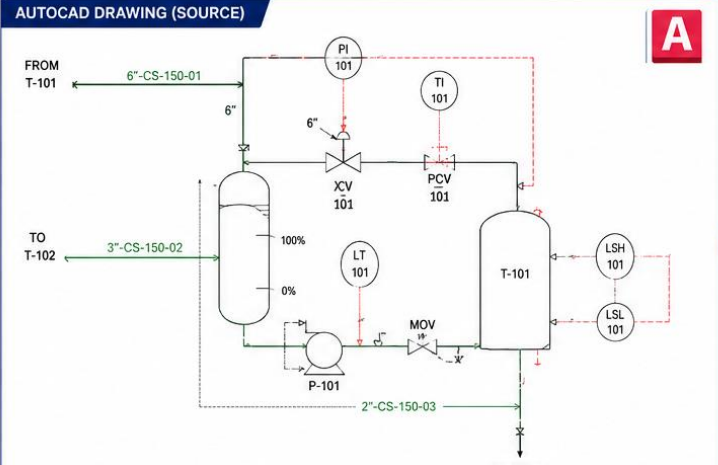


STANDARDS COMPLIANT



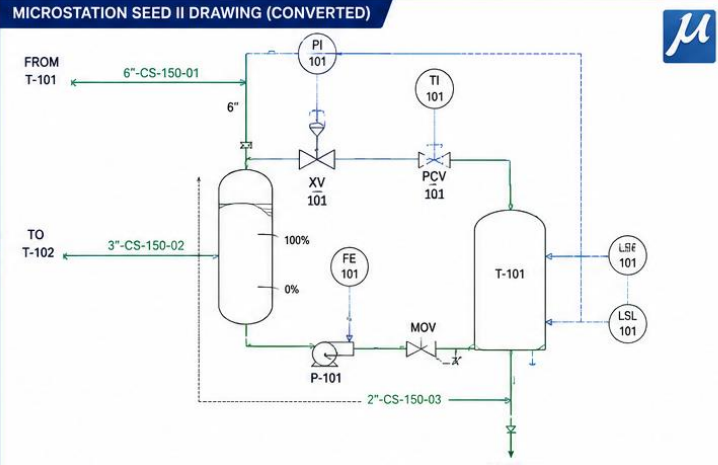
ON-TIME DELIVERY

AUTOCAD DRAWING (SOURCE)



AUTOCAD DRAWING

MICROSTATION SEED II DRAWING (CONVERTED)



MICROSTATION SEED II DRAWING

KEY COMPARISON	
AUTOCAD DRAWING	MICROSTATION SEED II DRAWING
 Basic drafting entities	Intelligent, data-rich elements
 Limited layer management	Level-based organization
 Xref dependent	Smart References
 Text as simple text	Annotation with cell properties
 No data extraction	Data extraction & reporting
 Manual updates	Easier updates & revisions
 File size typically larger	Optimized file size

CONVERSION SCOPE

- ✓ Accurate geometry & dimension conversion
- ✓ Layer to Level mapping as per client standards
- ✓ Blocks to Cells conversion
- ✓ Text, Fonts & annotations conversion
- ✓ Xrefs to DGN References
- ✓ Data cleanup & file optimization
- ✓ Conversion as per SEED II Project Standards

DELIVERABLES

-  Native DGN files (SEED II compatible)
-  Level structure as per Project Standards
-  Data validation & Consistency check
-  Conversion report & Quality check sheet



EXAD
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PROJECT	: SAMPLE PROJECT
DRAWING TITLE	: AUTOCAD TO MICROSTATION SEED II CONVERSION COMPARISON
DRAWING NO.	: EXAD-CNV-001
DATE	: 20-05-2024
REV.	: 0

Turn physical drawings into structured digital assets

01 Scanned drawing conversion

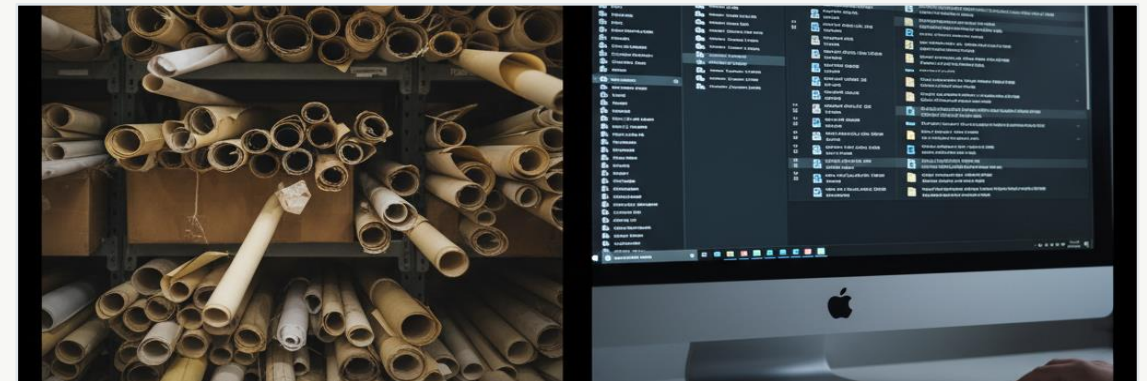
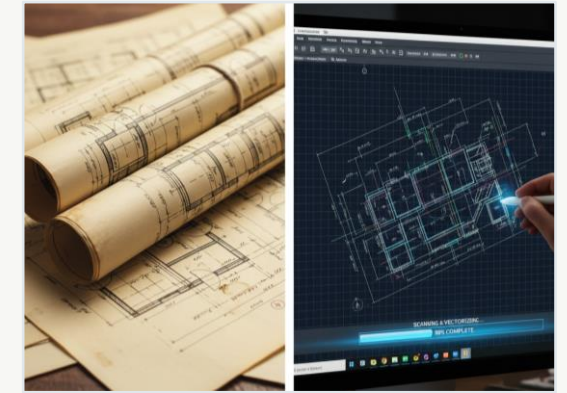
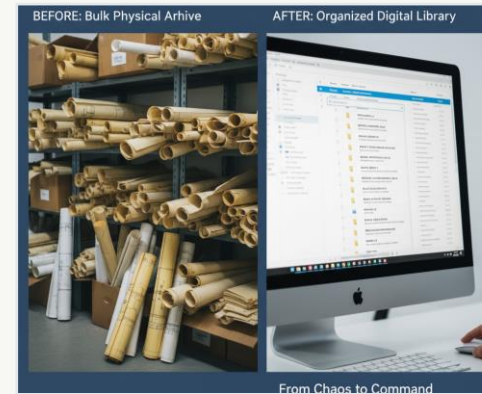
Convert physical blueprints, sketches, and old paper documents into accurate, editable CAD files—preserving important detail while making records easier to manage, edit, and share.

02 Bulk drawing conversions

Handle large-scale archives efficiently and precisely, supporting on-schedule digitization, better access, streamlined documentation workflows, and reduced physical storage.

03 Indexing & renaming

Apply consistent naming, metadata tags, and categories to improve organization, searchability, and overall data-management efficiency.

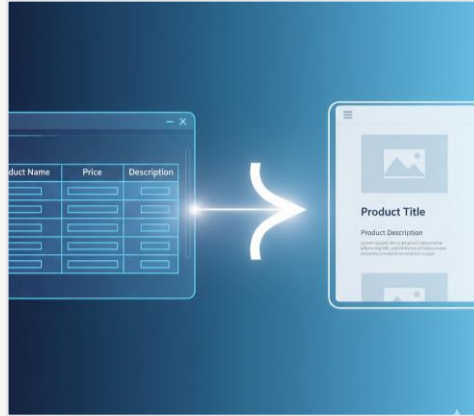


Reliable data entry from capture to processing

- | | | |
|----|---------------------------|---|
| 01 | Online data entry | Real-time input into web systems, CRM platforms, and online databases keeps information accessible and current. |
| 02 | Offline data entry | Process scanned documents and forms without an active connection, then upload securely when ready. |
| 03 | Data conversion | Transform handwritten documents, images, and legacy files into usable digital formats while maintaining integrity and accuracy. |
| 04 | Data processing | Clean, validate, and analyze raw data so it is structured, consistent, and ready for reporting and business intelligence. |



Organize documents and accelerate routine workflows



Document management

Digitize, organize, store, and retrieve documents through a systematic framework that improves accessibility, security, compliance, and physical-space use.

Form processing

Capture data from physical or digital forms and transfer it accurately into databases to accelerate workflows and reduce manual errors.

Copy-paste services

Move data reliably between documents and applications, such as spreadsheets, databases, PDFs, and word-processing files.

Catalog data entry

Maintain product catalogs with accurate details, descriptions, specifications, pricing, and images for consistent customer-facing information.

Structured product and document data



E-commerce product data entry

Organize SKUs, categories, tags, images, and marketing copy for complete, consistent listings and effective search visibility.

E-commerce upload & listing

Manage product uploads and listings across Shopify, Magento, Amazon, and other platforms.



PDF to Excel

Convert financial data, reports, and lists into structured, analyzable worksheets.

PDF to Word

Convert information locked in PDFs into editable Word documents.

Image data entry

Extract text and numbers from scanned documents, invoices, and business cards into structured digital formats.

Professional conversion across document and audio formats

Typing services

Convert handwritten notes, manuscripts, and scanned documents into clean digital files with accurate formatting.

Copy typing

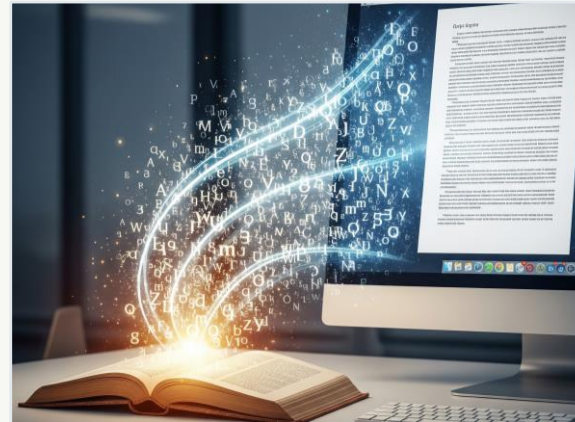
Reproduce books, articles, and reports in digital form while maintaining the original content.

Audio typing

Transcribe interviews, meetings, conferences, and dictations into searchable written text.

Book typing

Convert handwritten or physical manuscripts into precise digital files ready for editing, publication, or archiving.



LET'S WORK TOGETHER

Ready to extend your team?

CAD • ENGINEERING • DATA SERVICES



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