

# CAD Solutions

For Reprographics Industry

30+  
years

[pinnacleinfotech.com](http://pinnacleinfotech.com)



**Pinnacle  
Infotech**

Construct  
Certainty, with  
Technology

# Mission

Help the AEC industry optimize resources, cost and quality through innovative use of technology for:

- Sustainable and efficient design
- Collaborative pre-construction planning
- Agile construction process
- Reliable facility management

# Vision

Lead the global AEC industry to certainty and efficiency using technology.

## Associations:



# Our Values

- E Excellence**  
We take pride in our passion for excellence. It is a way of life for us.
- A Agility**  
We are always at the edge of technology and driven by agile transformations.
- R Reliability**  
We have ISO-certified processes and workflow to produce consistent and reliable performance.
- T Teamwork**  
Pinnacle provides an environment where teams collaborate effectively to excel.
- H Honesty**  
We win the trust of our stakeholders through integrity, straightforwardness, and transparency.

## 1. We Are Pinnacle



Durgapur Office Campus (HQ)

Founded in 1992, Pinnacle has been serving the Reprographics Industry worldwide for CAD conversion, indexing and document conversion solutions for more than a decade.

## 2. Global Delivery

Pinnacle has pioneered the Global delivery model with the Houston, Texas office fully supported by world class production facilities in India, UAE. Our proven methods and communication process enables our team to seamlessly work with your team making the geographical distance meaningless.

Over the last 12 years, we have converted over 1.2 Million paper drawings to accurate CAD drawings. We have indexed and renamed millions of documents and drawings and successfully completed several thousands of CAD Models & Drafting Projects.

### *Technical Advantage*

Get Innovative and cost-effective solutions in lesser time and pass on the productivity gains to your clients. We use cutting edge technology and specialize to work on diverse CAD software platforms.

We are also technically well equipped to adapt to our client's software environment and system.

### *Faster Services*

Our sophisticated technology and global presence ensures fast turnarounds, consistently. As reported by clients this has reduced their project time by a whopping 30 - 50%!

### *We also offer 24 hr Rush Delivery Services!*

Our global office timings are so aligned that you can assign us a project in the evening and you receive delivery the very next morning!



### 3. Why Pinnacle

Each of our employees has ingrained in themselves the core values - 'EARTH' of our organization.



Excellence



Agility



Reliability



Teamwork



Honesty

#### *Excellence*

Excellence is a way of life for us. Our commitment to hard work, creativity, and innovation allows us to reach our full potential in terms of approach, operations, and collaborations. We foster a culture of excellence from the ground up within our organization to achieve operation at the highest industry standards.

#### *Agility*

We understand that every business is different. We are highly agile and can adjust quickly to changing market conditions and client requirements. In addition, we offer a variety of business models to suit your specific needs at competitive prices.

#### *Reliability*

Pinnacalites rely on trusted processes to consistently produce excellent results. We have over 30 years of experience in the AEC industry, and our work processes are ISO-certified.

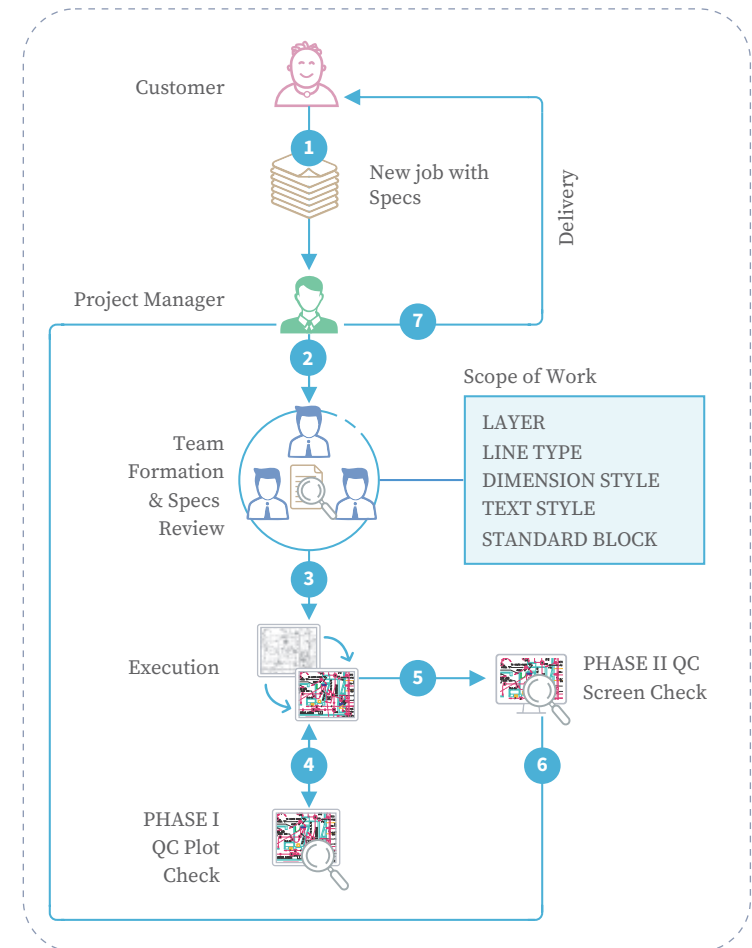
#### *Teamwork*

We work together to scale every challenge. We understand that it is only through teamwork that we can provide the best possible results for our customers. Pinnacle fosters a team-oriented culture where everyone is valued, and their contributions are encouraged and recognized.

#### *Honesty*

Honesty is our key value, and we hold ourselves to the highest standards of integrity. We strive to be transparent and clear in our communication to ensure that our clients get the best value for the money.

### 4. Work Process

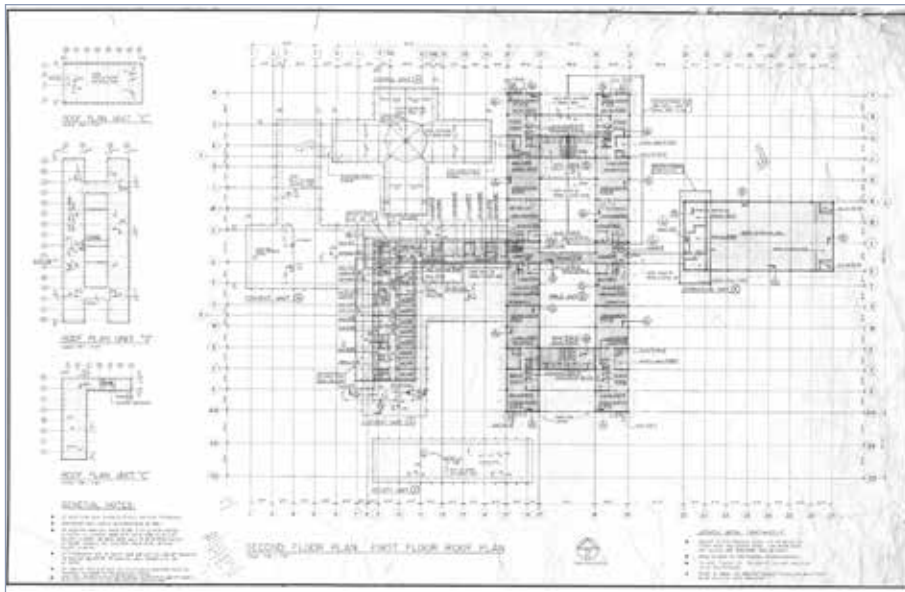


## 5. Services Offered

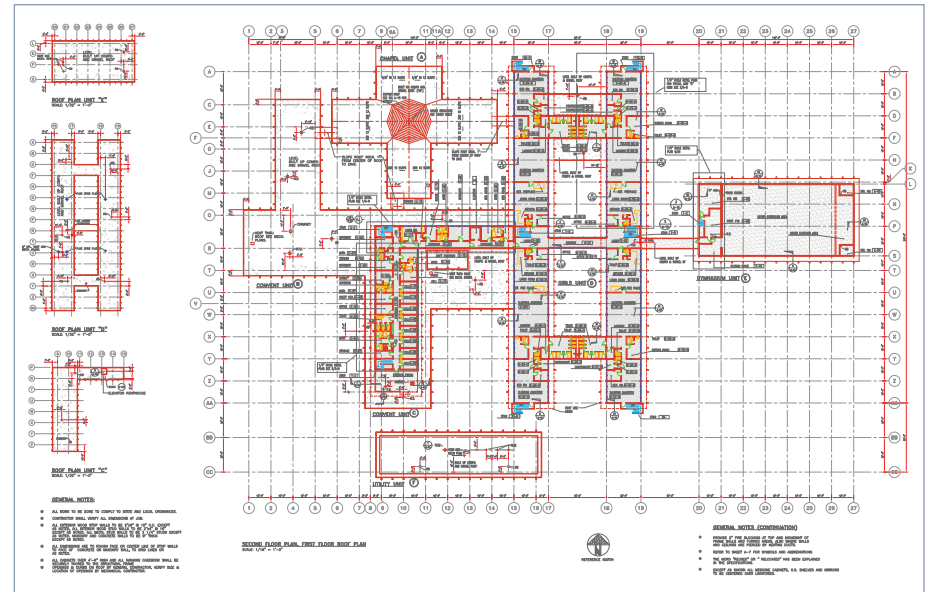
### 5.1 CAD Conversion

#### A. Vectorization

We specialize in conversion of legacy paper drawings into accurate CAD drawings as per client's CAD Standards or as per the prevalent International standards. We convert all types of drawings and documents including architectural, engineering, civil, mechanical, structural, utility plans, site plans, plat maps & contour maps. We are well equipped to efficiently handle almost all CAD platforms like AutoCAD (All versions), Microstation PowerDraft, Raster Design etc.



Raster Sample - Floor Plan



Vector Sample - Floor Plan

<https://pinnacleinfotech.com/services/scanned-drawing-conversion/>



"I personally have been doing business with Pinnacle for vector works for a year now. Never has one of my projects been lost, late, or anything other than immaculate. Their work consistently pleases my clients. Their attention to detail and willingness to please keeps my clients not only happy, but bring them back for more vector work."

**Marketing Head | Reprographic (Netherlands)**



"Great communications. They are able to draft our plans in a timely manner and correctly. We have been using Pinnacle's drafting services for 12 years now, we are very pleased with staff and the work performed."

**Owner | Reprographics (Orange,CA)**

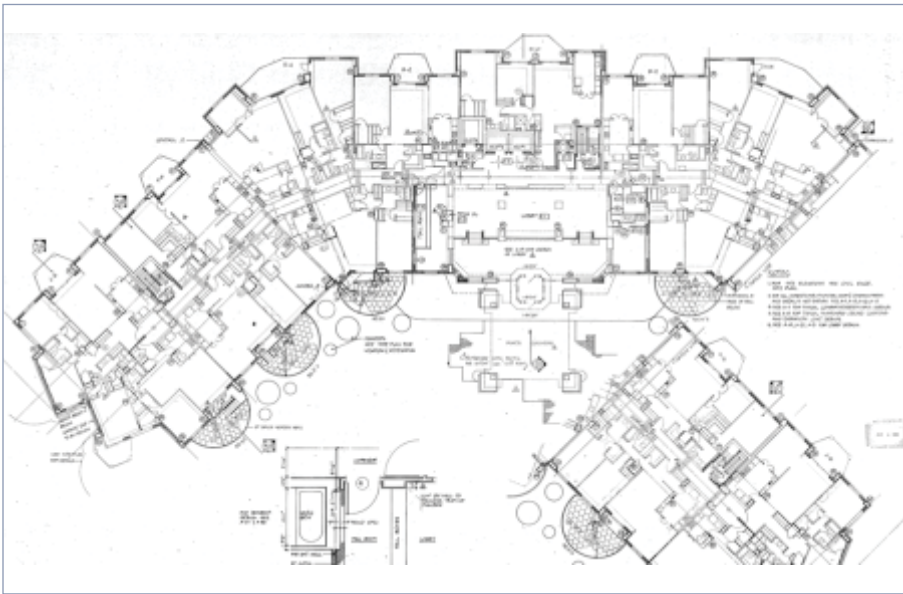


## B. Conversion Process

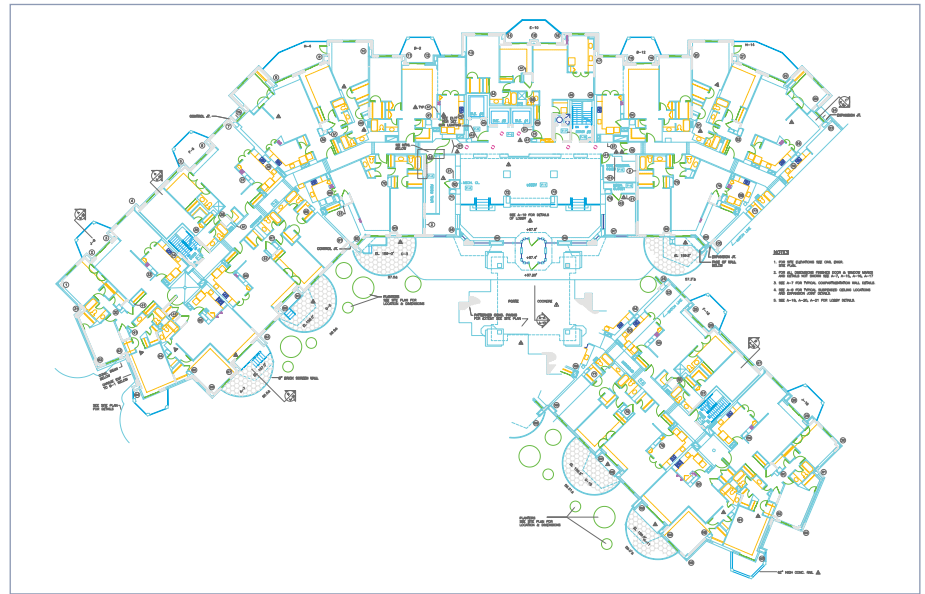
We don't use any Auto-Vectorization software for conversion. We employ heads-up manual redraw process to guarantee accurate conversion.

- 100% accurate dimensions
- Multi layered
- Blocks and templates to ensure consistency and aesthetics
- Any other specific standards as per client requirement
- Text font, colors and line type as per client standards
- All redlines and comments if any, are picked up during conversion

We have an ISO certified 3 layered quality control process to ensure consistent high quality conversion.



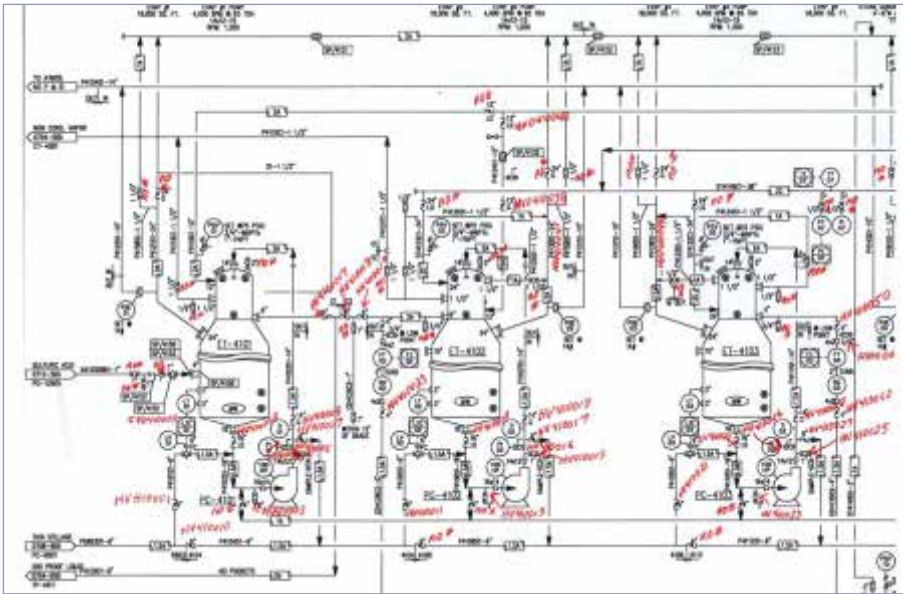
Raster Sample - Architectural



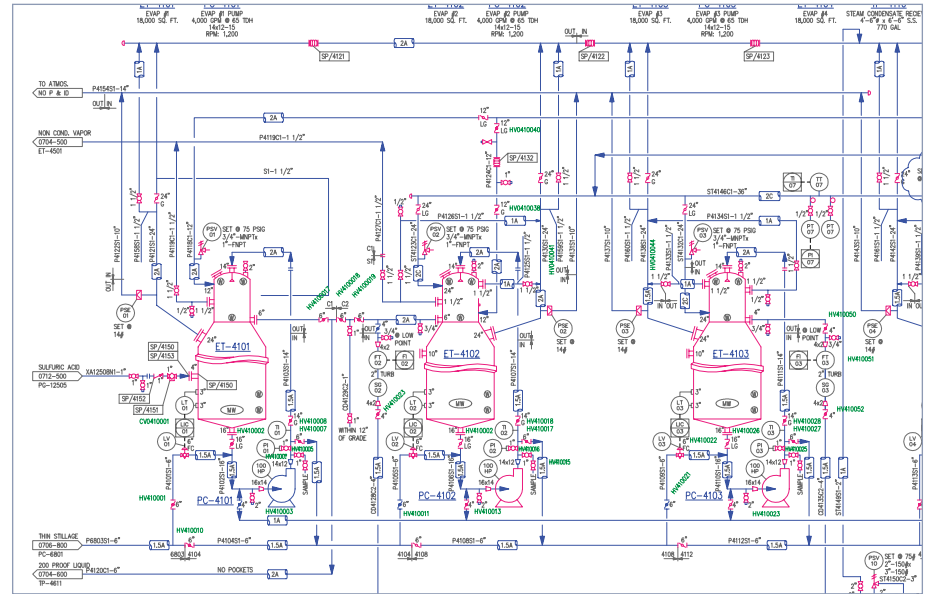
Vector Sample - Architectural

## C. Redlining/Mark-ups & As-Built

Our As-built/Redline Markup Service is ideal for creating your as-built drawings or design modifications in AutoCAD or Microstation format.



Raster Sample - Mechanical



Vector Sample - Mechanical

<https://pinnacleinfotech.com/services/redline-markups/>



“The crew at Pinnacle has never let me down; large jobs and tight turnarounds have never been a problem. I’ve thrown all kinds of weird requests at Todd and his crew, and they never bat an eye, they just get it done. We’ve been using them directly for over four years and to date haven’t had a single issue with the deliverables they return. Pinnacle is an indispensable tool, and one that we’ll gladly continue to use whenever we can.”

**Production Manager | Reprographic (Boston)**

## D. File Format Conversion

Many messy issues have to be dealt with while converting files between AutoCAD and Microstation! You may need to consider expert help to convert files from one format to another without any error.

Why not an experienced team of CAD engineers converts those cumbersome files for you?

### Why to Hire Us?

#### 1. DWG to DGN / DGN to DWG

- At Pinnacle Infotech, we transform AutoCAD 2D DWG files without allowing any mistake to use in Microstation DGN file V8 while maintaining the rich details of the source dataset during DWG to DGN translation.
- At Pinnacle, our expert in-house team converts DGN data (widely used in software like Bentley Microstation and CAD programs) to AutoCAD DWG format (DGN to AutoCAD)
- We also handle issues about colors, font, layer, line styles, and Xref, etc.

*Notice to DGN format - Microstation DGN files predating version 8.0 are supported only.*



#### 2. DWG/DGN to PLT and/or PDF

- At Pinnacle Infotech, we convert DWG/ DGN to PDF with complete control of the way the output is rendered including the selection of background color
- We also convert DWF (Design Web Format) & DXF (Drawing exchange Format) which are also special compressed and secure AutoCAD file formats
- We also work to fine-tune and select the DPI (quality) setting of the final PDF based on our clients' requirements.

*The metadata of output pdf that makes it searchable and gives it a unique identity can also be set during conversion.*

- We also convert DWG/DGN to PLT. PLT files can be scaled to different sizes without losing quality.



### Why We Are The Best?

- Competitive Pricing: At Pinnacle Infotech, we are always one step ahead of our competitors when it comes to offering services at competitive prices.
- Team of Experts: We are working with CAD files for over 20 years. Our in-house expert team has extensive experience in converting 2D files. We have seen it all when it comes to the file format conversion, whether it's badly constructed source files, redundant/ overlapping data, extruded 3D entities, or any other type of erroneous data.

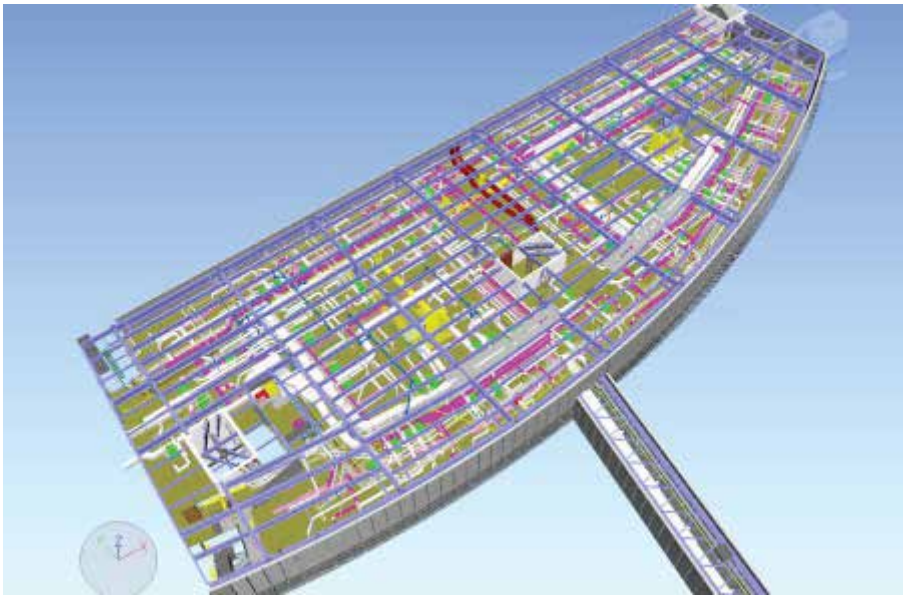
*Consider your job done when you trust us! Choose from our wide range of services to seamlessly get your CAD files converted.*



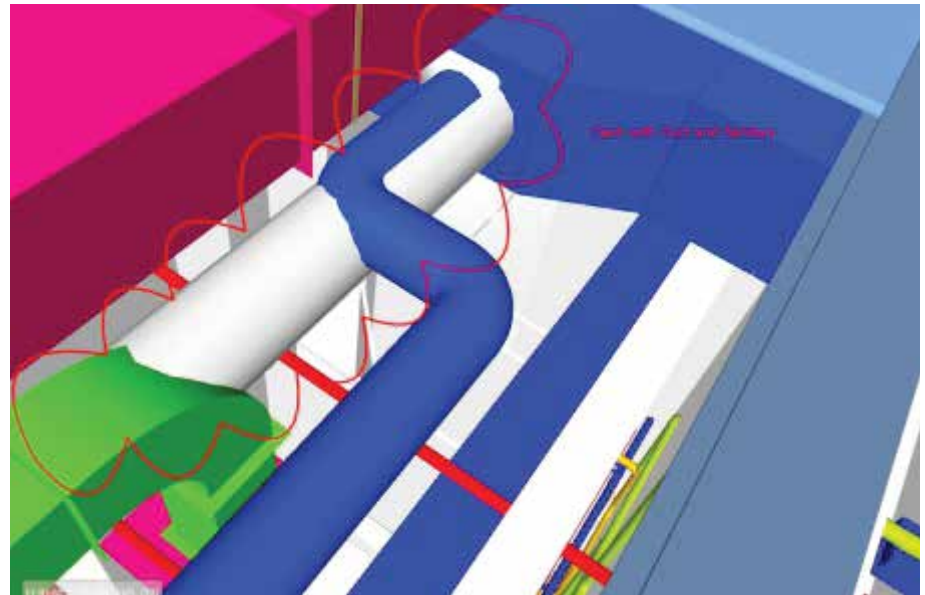
We offer end-to-end BIM services, allowing clients to use BIM effectively for construction projects. Our core BIM expertise lies in

- 3D Modeling & Visualization
- Clash Coordination
- Shop Drawings
- Marketing BIM Presentation
- Facilities Management
- Site Logistics
- Bill of Materials (BOQ)
- Digital Prefabrication/Spool Drawings
- 3D Model Conversion from
- Laser Scan/Point Cloud Data
- Revit Family Content Generation

We have successfully executed 4500+ BIM projects for our clients in USA, Asia, Europe and Australia. We support all file formats Revit (RVT), Bentley (DGN), Navisworks (NMC, NWD)



3D BIM Coordinated Model



Clash Coordination

<https://pinnacleinfotech.com/services/bim-facility-management/>

## 5.3 Scan to BIM Services

### Why Scan to BIM?

- Scan to BIM is the faster, comprehensive and most accurate process
- It is helpful in getting the survey data for refurbishment or retrofitting projects
- Use of 3D laser scanner and scan to BIM process reduce chances of rework, and cost to the company
- It smoothen the construction process and make it easier
- Scan to BIM provide as-built accurate data

### *Pinnacle's Scan to BIM Deliverables*

- 3D BIM Model Creation @ LOD 400 Level for Renovation & Extension
- As-Built Drawing Preparation for Plan, Elevation & Section Sheet
- Construction Scheduling using 4D BIM for renovation and extension work
- Facility Management /COBie data for individual elements



*Laser Scan to BIM Model Project Sample*



<https://pinnacleinfotech.com/services/scan-to-bim/>

## FAQ



*How much does it cost to convert a scan to AutoCAD dwg??*

We offer easy to understand fixed sheet based pricing [Ex D-size (24 x 36); E-size (30 x 42)]. We provide discounts on bulk ordering for 50+ files. There are no other hidden costs like set-up fees, file handling fees, etc. We also provided other pricing options depending on requirements.



*What is the turnaround time? Can we expect next working day delivery?*

Our turnaround times are the best in this Industry, due to our huge team of experienced engineers and CAD professionals. Smaller orders of 1 to 10 files can be delivered within 72 hours or less. We have special next working day delivery service where you can get CAD files converted by Tuesday Noon even if you place order by the end of Monday.



*We have our own CAD standards, Can you match them?*

Yes, we can follow your CAD standards since we redraft the drawings from scratch. You can send us your CAD drawings with CAD standards or you may also send CAD Manuals. Our team is well versed with popular industry based CAD Standards.



*What quality assurance can you provide?*

We are so confident of our services that we offer free One Year Warranty. Any mistake found for that period will be corrected by us free of cost. We are ISO 9001:2008 certified production facility where production is process driven. We have multiple layers of QC process to ensure best quality output.



*How secured is my data? What security measures do you have?*

We have taken various measures to ensure your data security. Limited Internet access on production floors, No USB drives or CD/DVD writing capability on Workstation, Access control system to prevent unauthorized entry and more.... We can also sign Non-Disclosure Agreement if needed.



"Pinnacle's work is always excellent, on time and priced to be extremely competitive. I credit much of my success to the outstanding work they have performed for me and my clients. Thank you to the people at Pinnacle Infotech Inc."

**Interdependent Business Owner**

## India Office Locations

### Durgapur - HQ

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### Madurai

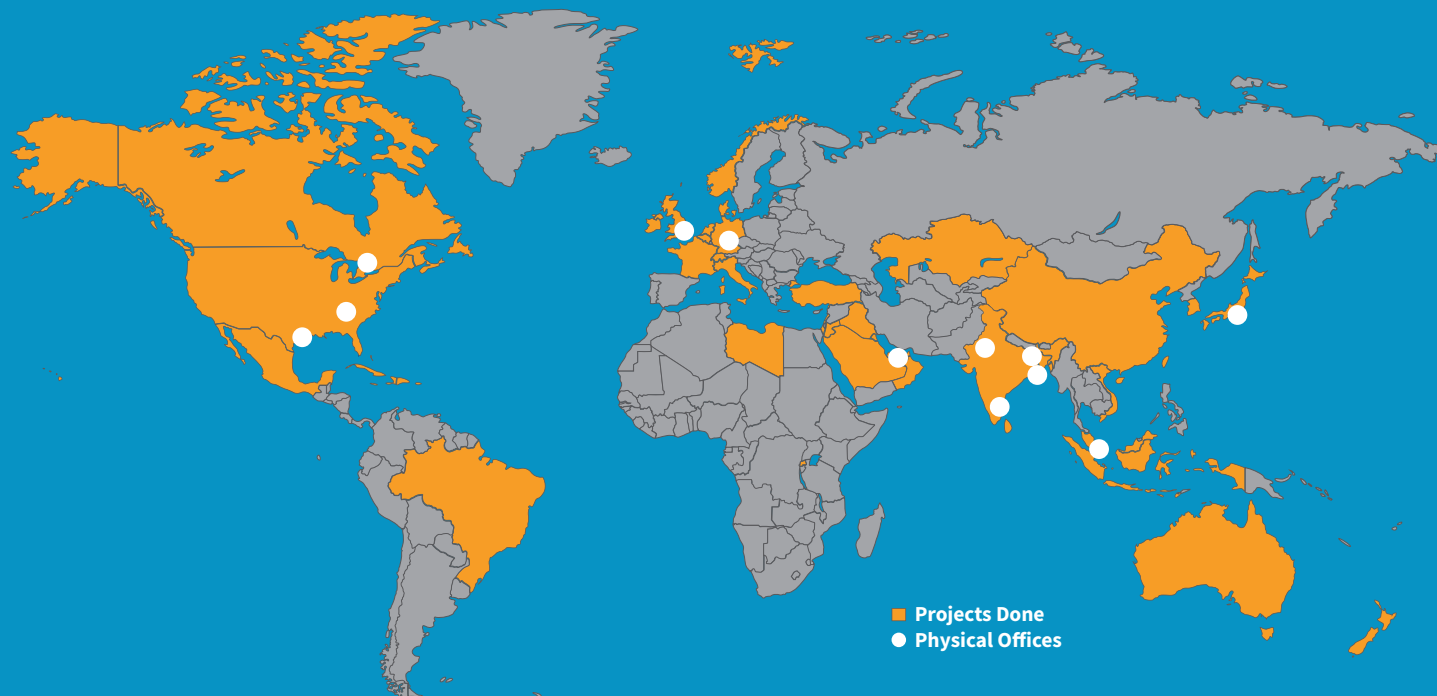
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### Jaipur

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