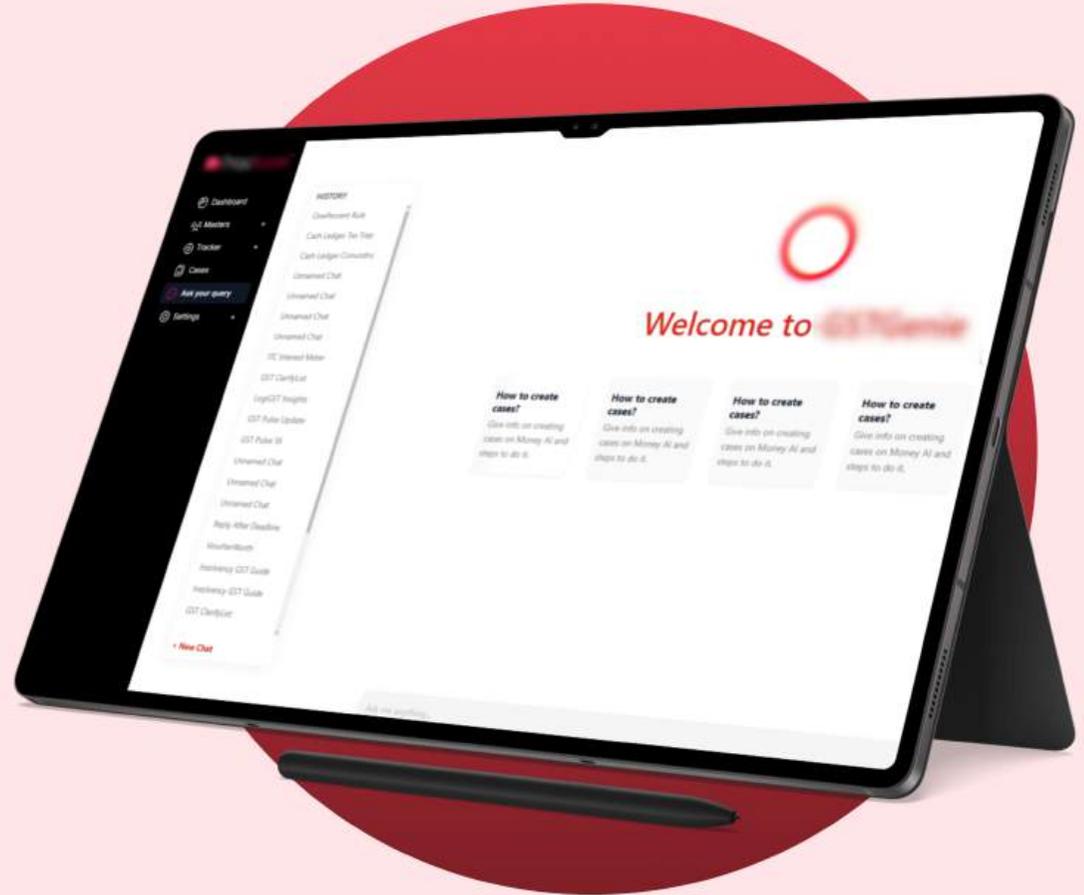


Case Study

AI-Driven GST Case Management & Legal Intelligence Platform

End-to-end GST case management powered
by AI legal intelligence.



Product Overview

An integrated SaaS-based GST compliance ecosystem designed for Indian businesses and tax professionals.

- Web Portal → A web portal for GST case tracking, workflows, documents, and deadlines
- AI Chatbot → An AI-powered chatbot for GST law interpretation and notice reply drafting



Together, they transform GST compliance from a manual process into an intelligent, guided system.

The Challenges

Key Problems Identified

1

High Case Volume

GST notices arrive frequently and must be tracked across teams

2

Manual Drafting Effort

Replies were written from scratch, causing delays and inconsistency

3

Scattered Documents

Notices and annexures were spread across emails and folders

4

Deadline Sensitivity

Missed deadlines resulted in penalties and escalations

5

Data Entry Errors

Manual filling of amounts and sections led to mistakes

6

Team Collaboration

No role-based access, ownership clarity, or activity logs.

7

Poor Management

Leaders lacked real-time insight into case status and risks.

Our Solution

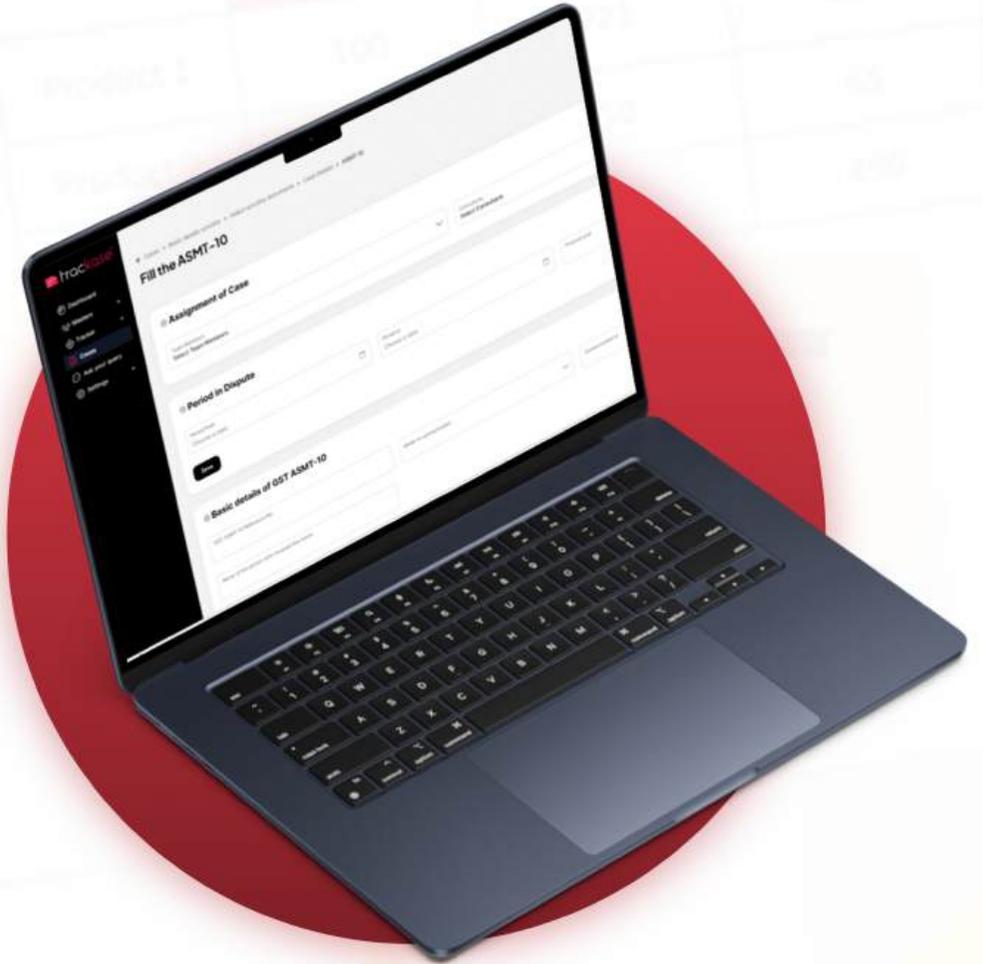
A Two-Layer GST Compliance System

Web Portal

→ Case management, Workflows, Documents, Alerts, Reporting

AI Chatbot

→ Legal intelligence, GST law interpretation, AI-assisted drafting



Color Palette



C24B53



FFE5E7



FFF6D0



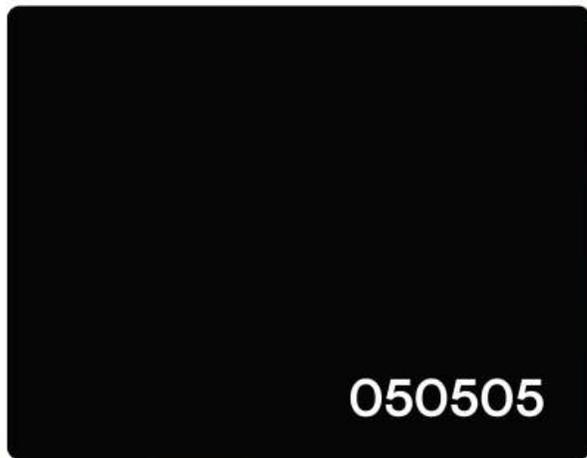
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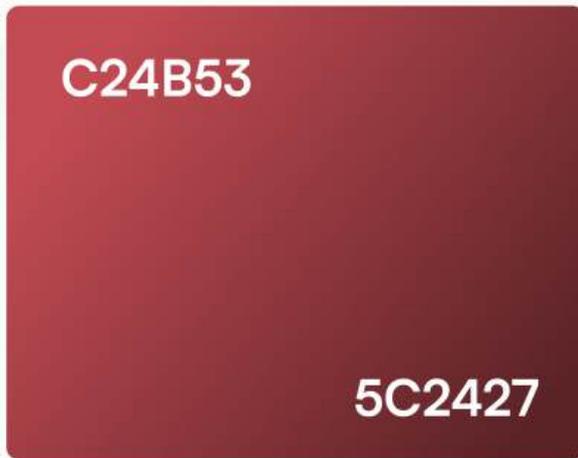
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7E7E7E



050505



C24B53

5C2427

Security Plan

3

Can I upgrade or downgrade my plan anytime? Yes, you can change your plan at any time. Changes take effect immediately, and billing is prorated accordingly.

Exposure by Case Type/Case Level

Exposure by Company/Client name

Exposure by Case Type/Case Level

Exposure by Company/Client name

Basic De

What info

Used across projects for 18 months collaboration

Case No.	Case Type	Case Name	Reference No.	Authority	Enforcement Agency	Place	Status	Action
PHIL2PH	AMBT-10	220000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN		
230807	AMBT-10	220000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN		
PHIL2PH	AMBT-10	220000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN		
PHIL2PH	AMBT-10	220000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN		
PHIL2PH	AMBT-10	220000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN		

Welcome to [Platform]

How to create cases?

What information do you have regarding this scrutiny?

AMBT-10

DRC-61A

DRC-61

DRC-67

APL-05

What info

AMBT-10

DRC-61A

DRC-61

DRC-67

APL-05

Exposure by Company/Client name

Calendar & Reminders

October 2023

Exposure by Company/Client name

Cases

Company Name	State	Case No.	Case Type	Reference No.	Authority	Enforcement Agency	Place	Status	Action
Tress Ruler Technology	Andhra Pradesh	2242344JHJGJFH	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Dnyanesh Architects	Andhra Pradesh	2242344JHJGJFH	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tress Ruler Technology	Andhra Pradesh	2242344JHJGJFH	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tress Ruler Technology	Andhra Pradesh	2242344JHJGJFH	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tax Consultancy	Andhra Pradesh	220000207098	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tax Consultancy	Andhra Pradesh	220000207098	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tax Consultancy	Andhra Pradesh	220000207098	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	
Tax Consultancy	Andhra Pradesh	220000207098	AMBT-10	020000207098	ASSISTANT COMMISSIONER OF REVENUE	1204008	KAJALPURI	OPEN	

Welcome back, MAGNUM!

Exposure by State

Calendar & Reminders

October 2023

Exposure by Case Type/Case Level

Exposure by Company/Client name

What info

AMBT-10

DRC-61A

DRC-61

DRC-67

APL-05

Exposure by Company/Client name

Calendar & Reminders

October 2023

Exposure by Company/Client name

Product Features and Pricing FAQs - Complete Guide 2024

Source reference

Based on our official Product Documentation v2.4 and Pricing Policy updated January 2024, here are the most frequently asked questions and detailed answers about our platform's features and pricing tiers.

Tabulated list of information

S. No.	Question	Answer
1	What are the main features included in the Basic plan?	The Basic plan includes core features such as unlimited projects, 5GB storage, email support, and access to our template library.
2	How does the pricing scale for enterprise customers?	Enterprise pricing is custom-tailored based on team size, required features, and support level. Contact sales for a personalized quote.

Issues and corresponding clarifications in Circular No. 137/072020-GST dated 13 April, 2020

Source reference

As per Circular No. 137/072020-GST dated 13 April, 2020 issued by the Central Board of Indirect Taxes and Customs (CBIC), the following issues and clarifications were provided to address challenges faced by registered persons in implementation of GST provisions.

Tabulated list of issues and clarifications

S. No.	Issue	Clarification
1	Issue 1	Clarification 1
2	Issue 2	Clarification 2

Basic De

What info

AMBT-10

DRC-61A

DRC-61

DRC-67

APL-05

UX Highlights

The project was built to solve two parallel problems in GST compliance

For Businesses

- Clear visibility of all GST cases
- Faster, confident replies
- Reduced compliance stress

For GST Teams

- Centralized workflows
- Consistent drafting quality
- Less manual effort

For Leaders

- Real time compliance overview
- Bottleneck identification
- Audit-ready operations

Operational chaos in managing multiple GST cases & Legal complexity in understanding GST law and drafting accurate replies

Technologies Used

Technologies that drive efficiency and intelligent solutions



Python 3.12+



Next.js



Pydantic



FastAPI



LangChain

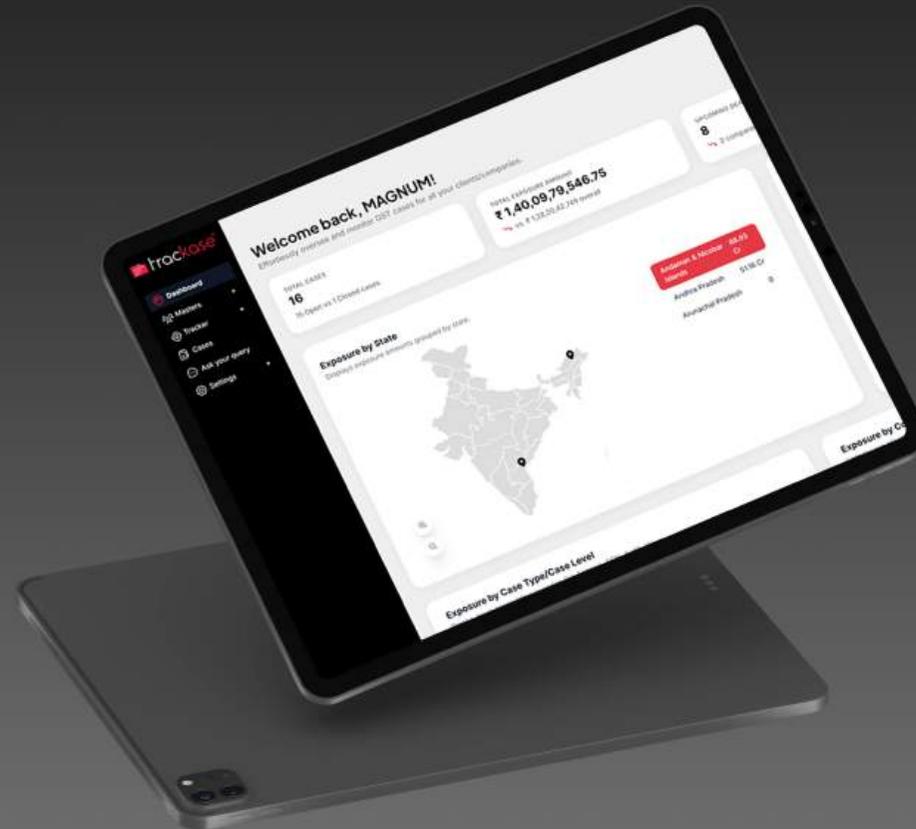


OpenAI GPT-4o



Qdrant

Web Portal For GST Case Tracking, Workflows, Documents and Deadlines



Web Portal

This acts as the operational backbone

Centralized GST Case Tracking

- Unified dashboard for all GST notices
- Case status, priority, and deadlines
- Assignment of cases to team members

Document Hub

This acts as the operational backbone

Unified Document Management

- Upload GST notices and annexures
- Attach supporting documents to cases
- Version control & validation
- Easy access during drafting





Workflow & Collaboration

This acts as the operational backbone

Built for Teams

- Role-based access controls
- Case ownership & task assignments
- Activity logs & internal comments
- Review and approval workflows

Compliance Monitoring

This acts as the operational backbone

Never Miss a Deadline

- Automated reminders for due dates
- Alerts for missing information
- Status tracking for pending actions

AI Legal Intelligence Chatbot



GST Law Chatbot

AI-powered chatbot

- CGST Act & Rules
- Notifications & Circulars
- Landmark GST case laws

Used for

- Legal interpretation
- Section clarification
- Time-limit verification

AI-Assisted Reply Drafting

Legal Draft Automation

- Users upload GST notices via Web Portal
- AI Chatbot extracts issues, demands, and references
- Guided user inputs capture factual explanations
- AI retrieves relevant GST provisions
- Generates issue-wise, law-backed draft replies





Behind the Scenes

Document Processing

- Parsed GST law PDFs using pdfplumber & PyMuPDF
- Cleaned text, tables, and legal structure
- Applied semantic chunking with overlaps

Vector Indexing

- Embedded content using text-embedding-3-small
- Indexed in Qdrant with legal metadata

RAG Pipeline

- LangChain retrieves only relevant law sections
- Custom prompts enforce source grounding
- FastAPI (async) backend ensures low latency

Reporting & Audit Trails

Compliance-Ready Records

- Complete case history
- User activity logs
- Structured reports for audits

Accuracy & Customization

Challenges Solved

- Token limits handled for long notices
- Zero hallucinations via RAG grounding
- Replies customized to taxpayer-specific facts



Results & Impact

Key Outcomes

1

Drafting Time

Up to 70% Reduction in drafting Time AI-assisted drafting replaced manual effort.

2

Documentation Errors

Structured data entry minimized mistakes

3

Case Visibility

All GST notices tracked in one system

4

On-Time Submissions

Alerts ensured deadlines were met.

5

Higher Efficiency

Teams handled more cases with fewer resources.

Closing Statement

- Track GST cases with confidence.
- Understand GST law with clarity.
- Respond faster with AI Chatbot



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