

CASE STUDY

Invent Management System for an IP Law & Consulting Firm



OVERVIEW

The client operates as an intellectual property law and consultancy firm, specializing in comprehensive Intellectual Property management and strategic advice regarding patents, trademarks, and designs.

CHALLENGES

Our client sought an application facilitating the submission of inventions/ideas by inventors. This application required a robust and configurable submission process, allowing various approval authorities (reviewers) to make decisions at different stages of the workflow. Upon final review, the application must transmit invention information in LEDES format to any linked application for further filing processes.

INDUSTRY

- Intellectual Property

SERVICES

- Cloud Development
- Product Engineering
- Digital Transformation
- Customer Software Development

TECHNOLOGY

- Web API
- C#
- SQL Server
- ASP.Net



SOLUTION

Contata conducted a thorough analysis of the process and developed an application integrating essential modules to deliver a fully functional and dependable solution. Key modules of the application include:

- **Advanced Search:** Users can create and save precise search queries, enabling efficient retrieval of desired inventions across multiple login sessions. Advanced search options encompass various operators such as equal, not equal, in, not in, is empty, between, greater than, or equal to, along with customizable filter ranges.
- **Customized Workflow:** Tailored workflow management allowing configuration of parameters through system settings. This includes considerations such as co-Inventor approval preceding Manager and PRC approval, witness approval preceding Manager and PRC approval, and manager technical assessment.
- **Form Builder:** Enables the creation of customizable, requirement-specific forms to meet unit needs. The form builder interface displays a comprehensive list of forms within the Invention wizard, editable and redistributable by administrators as required.
- **Customized Product:** Creation of tailored products utilizing standard products with minimal or no code changes. Configuration settings facilitate workflow adjustments and task additions, along with the inclusion of various statuses for different inventions.



BENEFITS

- **Enhanced Search Efficiency:** Facilitated faster retrieval of intended results by refining searches to exclude irrelevant or unwanted outcomes.
- **Simplified Workflow Customization:** Provided a customizable workflow requiring minimal technical skills and coding expertise, catering to diverse end-user operations.
- **Reduced Manual Workload:** The form builder feature streamlined the customization of forms, minimizing manual effort for users configuring company and other fields in the invention process.
- **Ease of Product Customization:** Enabled users to customize products effortlessly through tailored configurations and workflows, enhancing operational ease.

About Contata

Contata Solutions is a trusted leader in technology and digital innovation. Through our work in data engineering, data analytics, machine learning, marketing automation and app development, we deliver solutions that address complex problems in ways that are simple, insightful and impactful.

Our promise and value proposition to our customers is simple: we leverage our deep technical expertise and global presence to bring software products and data-driven decision capabilities to life.

Founded in 2000, Contata is a privately-held company headquartered in Minneapolis that serves clients globally from offices in the United States and India.