



Turning Steel into Smart Docs

MBMA's Digital Transformation of Technical Resources

MBMA collaborated with Krish to build a modern, searchable portal for managing and accessing hundreds of technical reports. The platform offers secure, role-based access for members and streamlined admin tools. Enhanced findability and document management now support MBMA's mission to lead innovation in metal buildings.

CLIENT BACKGROUND

The Metal Building Manufacturers Association (MBMA), founded in 1956, is a key trade body that guides the U.S. metal construction industry. With members spanning the nation, MBMA publishes technical guidelines and promotes engineering excellence in steel-based architecture.

BUSINESS VALUE

- **Smarter Search Experience:** Engineers and members could locate documents by tags, metadata, and full-text queries.
- **Administrative Ease:** Automated tools for uploading, labeling, and monitoring minimized manual overhead.
- **Secure Access Control:** Custom user roles and secure login ensured access integrity for members.
- **Insightful Analytics:** Usage tracking helped MBMA refine content offerings and report impact to stakeholders.

PROBLEMS

- **Disconnected Document Access:** Members lacked a centralized portal to securely find and download technical resources.
- **Poor Content Searchability:** Legacy systems didn't support metadata or contextual filters, making searches slow and inaccurate.
- **Admin Inefficiencies:** Manual upload and user tracking required excessive administrative effort.

SOLUTIONS

- **Centralized Document Library:** Built a responsive portal to house MBMA's reports with secure login and member authorization.
- **Intelligent Search Engine:** Integrated dtSearch to power metadata-driven and full-text search with advanced filtering.
- **Admin Dashboard & Analytics:** Provided upload tools, labels, and Google Analytics to help MBMA manage content and track usage.

TECHNOLOGIES



CONCLUSION

We developed and hosted a centralized document library that delivered both secure access and intuitive content management—giving MBMA's members and administrators a modern and efficient way to manage hundreds of technical reports.