



Silwana Infotech
Investing into Innovation

CASE STUDY

Building a Court Case Management System for a Legal Firm



Country
UAE

Domain
IT Services

THE OVERVIEW

Talk about the project vision, the client, what they wanted, and how they involved team Silwana.

Our esteemed client is a leading public sector company that is working on multiple cases of states, counties, and their legal associations.

The client found it difficult to manage all the legal cases and the bonds with the many prosecutors.

There is always more than one case a legal firm works on at a time. Each case has its own paperwork, prosecutors, and files that need to be sorted out. With multiple cases at hand, paperwork and accessing the data needed at a time can get cumbersome.

The client had an idea for a cloud-based product that has automation capabilities. It would automate the management of legal cases and the status of each case by the prosecutors. The solution was also required to have strong statistical analysis capability. This would help the company to sort out its problem of providing relevant information regarding all the cases going on at a time. Each office under its wing would have access to the information with which they could conduct the prosecution services. The client wanted the solution to be cloud-based which would have all the solutions that a desktop version would have.

THE CHALLENGE

The major technical challenges involved with making a cloud-based solution for managing legal documents are the following.

- The solution is cloud-based and has all the features, functions, and aesthetic quality as well.
 - The solution would be a single-window solution for each prosecutor and case.
 - Power users would be able to adopt and maintain special features.
 - It would have a complete document management system
 - It would be capable of generating dynamic reports on the go or building platforms with a robust SQL query binder
 - It would be capable of generating multiple documents and emails in a stroke
 - It would be able to convert digital documents into legal documents
 - It would be able to integrate eFiling, and Westlaw Management services into the currently existing systems.
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Team Silwana brainstormed with the client and our team of experts to come up with an appropriate solution that would be fully integrated and complete business solutions using Microsoft Technology. It would have the following features.

- The solution created was a cloud-based system that has all the features, functionalities, ease of access, and aesthetic appeal as well.
- It integrates software like SharePoint, Azure, and Filesystem to enable document management and generation.
- Mails and documents can be merged easily with Microsoft Word Mail Merge.
- Charge and case management.
- All include case tracking and reporting with a powerful relational database.
- Optical character recognition (OCR), and web-based scanning that is compliant with TWAIN
- Manage and generate tasks and appointments based on rules.
- Workflow is automated

The solution can be accessed as a desktop application with GUI mirroring. It has many shortcuts, including keyboard shortcuts, function keys, and mouse keys.

Load data only when required with the Dynamic Grid

With efficient data management, each case information can be individually viewed

- Easy tracking services about victims and access to all case information to the lawyer
- Dockets can be easily updated with future proceedings without having to search for each case every time
- Electronic restitutions and referral/arrest transfers
- Has a customizable dashboard that can have widgets according to the user's needs.
- Text notifications can be sent to users based on victim service
- The dashboard has integrated worksheets
- The solution has a role-based authentication feature that gives each user-specific rights.
- It can generate reports and statistics with the solution.

The technologies and tools used in this project include:

- ASP.NET
 - Aspose.Words.dll
 - SSRS (SQL Server Reporting Service)
 - Windows Server
 - AJAX
 - Microsoft SQL Server
 - Internet Information Server
 - C#
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The Outcomes & Business Benefits

Team Silwana was entrusted with creating a cloud-based solution that would secure all the information about crime, cases, and their prosecutors with utmost security. The cloud-based solution would address this need for a robust security system. Since our client is a government agency, we took all the precautions necessary to build the best solution possible. It provided the client with many benefits, some of which are:

- A single integrated system improved all the workflow and communication between two separate physical locations.
- Automated all the processes and functionalities
- Migrated easily and converted data easily from legacy systems
- It could track judgments passed on cases
- Improved docket control
- Easy to generate and customized reports
- Maximized automation and paperless documentation

Looking for App Development Expertise in the Legal Field?

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About Silwana Infotech

Silwana Infotech is a market-leading name in global IT services. With headquarters in Dubai, UAE, development centre in India, and presence across 7+ locations, we are spearheaded by a leadership team comprising industry expert, business-technical analysts, and subject matter experts with far reaching experience of more than 2 decades.

Our comprehensive IT services range from software development, product engineering, infrastructure services, and solutions based on emerging technologies like AI, BI, IoT, Blockchain, AR-VR etc. to digital marketing, content creation and resource augmentation. Our technology products include ERP, HRMS, CRMS, and various industry-specific solutions.

As a complete IT partner for enterprises and businesses, we harness advanced technologies to conceptualize, develop, and implement innovative products and solutions that make lives easier. We are proud to be your partner in success!



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