

# Reinsurance Management System

## THE VISION

The revolutionary partnership between Information Technology & BFSI sector is the core theme of modern FinTech developments. Though this partnership has blossomed leaps & bounds over the last decade, a tremendous opportunity still lies in improvements of legacy systems built over a decade ago. With improved security of modern technology, it makes perfect sense for the organizations using legacy system to overhaul it with fresh technology. Nowadays, with growing cyber threats and considering the delicate financial information that these system deal with, it is recommended to keep the software up-to-date with modern & secure technology.

Our client approached Zencon Group with a similar idea of overhauling their legacy software solution which was operated by their employees on daily basis for undertaking the complex re-insurance related business activities. Zencon Group, has been successful in providing a solution named “Reinsurance Software System” that serves as centralized platform for the entire re-insurance business operations having countless features and workflows that facilitate their employees’ day-to-day work operations while improving efficiency of the work, realizing the management’s idea of digital transformation in true sense.

## THE CHALLENGE



Client wished to develop a state of the art reinsurance operations management solution to serve needs of employees and decision-makers to get fastest and effective access to all information required for formulating robust and error-free insurance treaties, and thus providing a smart way to do the business. Prior to the development of “**Reinsurance Management System**”, business had following prime challenges and objectives:

Modernize the outdated VBScript-based system with a scalable and secure technology stack.

Simplify complex reinsurance workflows by translating intricate processes into an intuitive user interface focused on key information.

Enable multi-user access with dynamic security levels, version-controlled forms, and change notifications across stages.

Configure flexible workflow engines for various insurance operations to automate and streamline processes.

Integrate advanced data mining capabilities to generate actionable insights and improve decision-making efficiency.



## TOOLS AND TECHNOLOGIES

Development Platform  
Microsoft Visual Studio

Server  
Microsoft Windows Server

Database  
MySQL

Tools & Technology  
Microsoft ASP.NET C# with MVC,  
DevExpress / DevExtreme UI Controls

### THE CLIENT

Our Client is an insurance service offering company based out in UAE & Lebanon with their primary aim to offer secure and reliable re-insurance services to all types of Cargo, Fire, Hull & Marine, Life & Medical companies within GCC and South Asian countries. The client was fetching for a web-based solution provider who would efficiently understand their business as well as meet their software expectations.

### BUSINESS BENEFITS

Our Solution provided a secure platform for clients with highly efficient way to streamline the business lifecycle. It lowered the operating costs with lesser overhead of paper-work. It's a simple, fast and cost-effective solution that is flexible enough to cater for future changes. Also, offers a great flexibility with functionality like documents and workflow management system to make sure all required processes can be implemented/alterd as and when needed. It served as a one-stop solution for all kind of business operations for client's users, serving immense benefits to overall productivity.

#### Other Notable Features:

- Current & Financial Accounts Management & Accounting Ledgers
- Dynamic Reporting & Dashboards (with Data Mining algorithms)
- Generic Search & Localization (English & Arabic)
- Document Management System & Dynamic Workflow Management
- Online client portal
- Premium & Pricing tools

# ZENCON GROUP, OFFERINGS

After thorough understanding of the client's requirement, Zencon Group provided a web-based business solution to the client that benefits them in multiple ways and is intended to offer better management of larger data, various types of insurance, premium calculation, claims, and accounts management with extensive reporting capabilities for higher management.

## Underwriting:

- Facilitates the user to manage various inward and outward business contracts (Treaty and Facultative contracts) effortlessly which are further classified into Proportional and non-proportional business types.
- Depending upon each program with the insurance company, a framework is set to work within, further divided by branch i.e. treaty for an accident, a treaty for fire, a treaty for engineering, and so on.
- This means reinsurers can set the framework well in advance with the insurance company. So, that they can cede business without referring to the reinsurer case by case. It has an inception date and termination date or expiry date and all the conditions will be agreed in advance so that insurance companies can cede under this treaty all the homogenous risks that are related to this type of treaty.

## Claims:

- Provision to manage the claims from various contractors and gather information on multiple losses occurred due to it.
- Ability to find the total cumulative charges and extra cost invested in previous contracts and their essential actions. Insurance claims are also inclusive of Loss advice, major losses, and respective claim payments and outstanding.
- Provides automatic calculation of claims based on the contract covers, benefits, and liabilities. The system drives users by calculating various figures based on contracts signed.

## Technical Accounts:

- Access to the interface that manages business operations & processes for the Technical Accounts department, also providing integrations with the other departments to fetch relevant data for processing.
- The Technical Accounts department is extremely important for the business. This package helps to keep track of all the monetary technical transactions happening with all the associated inward and outward contracts while maintaining the technical aspects related to the treaties.



Zencon Group is a global IT consulting and digital solutions provider offering a wide range of services including Enterprise Software Development, Microsoft 365 and Power Platform Consulting, ServiceNow Solutions, Mobile and Web Application Development, QA & Testing, and Managed IT Services. With deep domain expertise and scalable delivery models, Zencon has helped businesses across industries achieve operational efficiency, innovation, and long-term growth.

Our customer-first approach, technical excellence, and commitment to quality have earned us the trust of enterprises, startups, and public sector clients worldwide.



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