



INDUSTRY

Logistics

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ABOUT THE CLIENT

TridentGLOBAL is a renowned designer and developer of fully-integrated world-class global trade & logistics export management software based in Australia. Having years of experience in making the international trade easy, this firm has been known for its exceptional service and support provided to the clients worldwide.

With the motive to manage complex and demanding export document management processes with efficiency and ease, the client came to us with an idea to add the Report Designer software. The project aims to service/manage the commercial reports and the Certificates of Origins for the international trading market, fulfilling the needs of the busy export departments.

GOALS OF THE PROJECT

Due to the challenges experienced by the exporters such as the high cost, repetitive, error-prone & time-consuming processes required to generate export documentation, the client wanted to create report software that could manage & send documents electronically. The main goal of this project is to ease the complex international trade process by helping the exporters in automating, integrating, streamlining operations as well as effortlessly uniting their processes, people & technologies.

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● CHALLENGES

Creating report designer software for TridentGLOBAL wasn't an easy task. Listed below were some of the issues faced during the development phase.

✔ Technology Selection

Finalizing the right set of tools & technologies was one of the difficult tasks that were encountered, which is why the IT team had to explore about the possible challenges & ways to deal with them. However, the client has been very supportive throughout the development cycle making the process smooth with their timely updates & perfect co-ordination.

✔ Adopting New Technology

As the technology that has been used for the project such as Ext JS was quite new in the market, it was difficult for the team to completely understand it. Developers had to do the thorough research to implement the technology effectively.

✔ Custom Reports

It was not possible to perform custom reporting for different kind of data before the development of the project, which hampered the efficiency of the global trade & logistics processes. Eventually, it improved a lot with the help of the report designer software.

● SOLUTIONS

After having several interactive meetings with the client of TridentGLOBAL, the team had successfully developed solutions for the challenges faced during the development phase.

✔ The software module has a management panel that manages the different shipment templates, where users can easily generate the templates as per the requirements.

✔ There is also a data panel that allows users to generate different or various kind of data reports involved in the complex trade management process.

✔ The software comes with a very efficient filter engine through which users can filter their data as per the requirement and can store it for the future references.

✔ It supports a panel for the design that has been built so that users can design various types of shipment documents. This panel is fully loaded with various types of elements such as the box, line, checkbox, label, HTML editor, images, etc. Using these elements, users can design or draw any kind of documents along with the traders' signatures.

● TECHNOLOGIES USED

Below is the stack of tools & technologies that were used by the team of Clavax for creating Report Designer of TridentGLOBAL:

- APIs Web Services
- Scripting Languages Ext JS, C#
- Platform Environment Visual Studio .NET
- Database SQL Server 2010
- Project Management JIRA, MS Visio
- Version Control Plastic

● RESULTS

TridentGLOBAL has been evolving tremendously over the years using the report designer software that helps organizations to streamline their international trade & logistics management processes. Considering the importance of design in global trade management firms, this feature-rich system supports all the tools that users need to manage complex and demanding export document management processes with ease and efficiency. The reporting tool plays an important role in helping exporters and traders increase international trade profits & performance while lowering costs & risks.