Texchange
Insurance Cost Analysis
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ASP.NET MVC
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Educating insurance customers is difficult. Regulatory changes have rewritten rules that veterans of the industry take for granted. In this climate of upheaval it's more important than ever to communicate true insurance cost to facilitate intelligent purchasing decisions. **Texchange** is a web-based insurance quoting and enrollment system that allows businesses to discover insurance options, understand premium costs, and compare benefits among insurance carriers.

Agencies and brokers face difficult problems quoting insurance for businesses. Laws, rates, and insurance products vary between states and even employee Zip-Code. Carriers make frequent rate changes to respond to changing business conditions.

Without Texchange, a quote typically requires **four hours** of effort entering the same information into each carrier's web application then manually mapping and aggregating the results into a format suitable for comparison. Texchange reduces quoting time to **under 15 minutes.**

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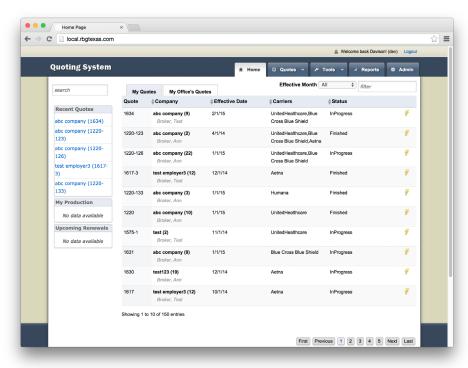Texchange makes insurance quoting efficient by directly integrating with insurance carriers via **SOAP Web Services**. Quoting insurance is tedious, requiring detailed information on each employee as well as their dependents. Typical employees will require 30 data points each with businesses quoting as many as 100 employees at once. Complicated business entities and rules require data-driven, conditional validation via **AJAX** and **rules engines**. While entering information the quoter must be guided with **predictive outcomes** rather than presenting incompatible options that would create an invalid quote.

Once the data is gathered it must be mapped into different **XML Schemas** for each carrier with a variety of data shapes, formats, and vernacular. Texchange uses **Oasis** web service techniques including **federated security, reliable messaging,** and SAML authentication to ensure security and integrity in the quoting process. Surprisingly, not every carrier supports electronic integration. In these cases Texchange reverse engineers **actuarial tables and proprietary algorithms** then certifies its results with carriers.