

CUSTOMER FOCUSED SOLUTIONS

d-Wise builds solutions focused on solving your company's technology and business process challenges.

SYSTEM INTEGRATION

d-Wise successfully helps build bridges between your disparate systems automating the flow of information.

DATA STANDARDS

d-Wise designs, develops, and implements data standards significantly improving your company's efficiency and automating processes

TECHNOLOGY ADOPTION

d-Wise understands technology is only a small piece of improving your business model. The most critical part is the people and your ability to manage the changes technology brings to your organization.



Project Experience

Life Sciences Case Studies

d-Wise Technologies provides a unique combination of life sciences and technology experience to understand both your business processes and technology challenges. With experience in clinical data warehousing, programming, analytics, FDA submissions and extensive knowledge of industry standards, **d-Wise** has delivered the right solutions to customers. Below is a sample of projects d-Wise has successfully implemented within Life Sciences Industry.

d-Wise Collaborates with FDA to Enhance Pediatric Trials

d-Wise consultants led a team to transform FDA legacy data into a uniform standard structure that is compliant with the Clinical Data Interchange Standards Consortium (CDISC) SDTM model. The team and FDA collaborated to successfully standardize 29 pediatric trials and build a database to improve the success rate of pediatric clinical trials by optimizing the design and efficiency of future pediatric studies **d-Wise** used their Standard Implementation Process to perform metadata analysis, transformation, and validation to ensure the quality of the process and data.

d-Wise Designs Enterprise Integration Framework Aligning Data Repository with their Analytics Platform for Biotechnology Company

d-Wise designed and developed an enterprise integration framework interfacing their clinical data repository with a web-based portal in a hosted, multiple virtual machine environment to provide centralized access to modeling and simulation software tools along with clinical and pre-clinical data. The customer was able to standardize the data modeling and simulation process, provide traceability for their analysis, and significantly reduce clinical trial costs.

d-Wise Designs and Develops a Platform for the Storage, Standardization, and Reporting of a Pre-Clinical Toxicology Data Warehouse

d-Wise designed and developed a Toxicology data warehouse for a top 5 pharmaceutical company. The warehouse encompassed multiple input sources from various collections systems and standardized on a common model and specific toxicology data modules were built. In addition to the actual warehouse, d-Wise built custom study reporting and interpretative applications, as well as maintenance and updates to custom statistical analysis routines. This standardized platform has led to significant efficiencies for the collection, standardization, and reporting of their data.

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Health Care Case Studies

d-Wise Technologies has extensive experience in implementing solutions in the Health Care industry. d-Wise Consultants have been involved in a variety of projects in the Health Care industry ranging from data warehousing for medical device manufacturing to reporting of health insurance data to the warehousing and reporting of medical claiming. With the combination of d-Wise's core competencies in data warehousing and business intelligence, and experience in building health care solutions, d-Wise can help Health Care companies develop successful solutions. Below is a sample of consulting d-Wise has provided in the Health Care Industry.

d-Wise Builds a Large Scaled Web-Based Warehousing and Reporting Solutions for Process Quality Control Data for a Medical Device Manufacturer

d-Wise designed and developed a web-based quality control reporting application for a Medical Device Manufacturer to collect laboratory blood cell measurements. d-Wise gathered requirements from the customer including the need to support 5000 machines in the field at over 3000 laboratory sites. Successfully designed, developed, and deployed a highly-scalable web application for collecting machine test kit measurement data from each laboratory site. The solution collects data each month and generates individual peer-group analysis reports for each machine, comparing the machine to the group as a whole, and thus improving the current quality control process.



d-Wise Develops Automated Reporting Solution to Process Insurance Claims

d-Wise designed and developed a web-based report automation solution for a Health Insurance Provider. The goal was to provide their benefits administrators a web-based, automated claims reporting system for the collection and reporting of insurance claims. A variety of technologies were integrated to solve the customer's problem. Java web technology was utilized to construct the customer user interface and application business logic and SAS software was used to extract data from a teradata warehouse. Automated reports were generated in a variety of formats depending on the customer needs. The delivery of reports was accomplished through an external portal available to customers from different sites.

d-Wise Develops Actuarial Data Warehouse and Analytical Platform with SAS

The d-Wise Health Insurance Consultants led the team to develop an end-to-end rate fulfillment process which required the development of a data warehouse and a software extension to the Facets system to handle dynamic business change. The goal of the project was to automate workflow and eliminate high rates of defects in a very labor intensive process that existed. The project created a streamlined process that improved efficiencies by 50%, provided a central rate and benefit repository where information was controlled and easily maintained, and gave users an easy to use analytical interface to their complex questions.