Warranty Discovery

Industries

> Discrete Manufacturing

> Automotive

> Consumer Appliances

> Consumer Electronics

> Medical Devices

Key Features

> Free text and guided search

> Advanced visualizations

> Proven methodology

> Open-source technology

> Blazing fast

> Extensible Framework

Increase Visibility and Drive Down Costs with a Ground-Breaking Open-Source Discovery Solution

Warranty costs in discrete manufacturing are an inverse driver on company profitability and consumer satisfaction. Early detection and understanding of warranty concerns is difficult because the key information often resides within the customer complaint or associated technical notes. This results in an inordinate amount of time wrestling with the data before any type of meaningful analysis can occur.

Alternate solutions available for warranty discovery have license costs that represent a barrier to adoption. Leveraging experience building warranty applications at major automotive OEMs, Alithya delivers a data discovery solution using open-sourced technologies that allow analysts to uncover insights across a variety of structured and unstructured data sources.

Business Challenges

> Detection-to-correction can take months and cost millions of dollars

> Poor visibility into early warning signs may be putting both the consumer and the company at risk

> Tracing warranty costs to suppliers is difficult and expensive and often not done

> Incorrect or fraudulent claims consume resources and money while possibly damaging a company's reputation

> Difficult to bring disparate data sources together into a unified exploratory application

**Proven Partner for
EPM, BI and BD Solutions**

ORACLE Platinum Partner
Cloud Select
North America

Key Benefits

> Decreased warranty costs & risk

> Increased recovery of warranty costs from suppliers

> Reduced detection-to-correction time of warranty concerns

> Increased ability to identify incorrect or fraudulent claims

> Deep insight into warranty claims including rapid integration of structured and unstructured datasets

> Increased analyst bandwidth

> Rapid startup with zero license costs

> Built from popular open-source technologies with large and active communities

> Can run standalone or integrated into Hadoop infrastructure

> Built for performance and extensibility

Other Alithya Services

Extend your environment with Alithya's additional services:

> Advisory services help define the priority key metrics and supporting data to include in the solution

> Custom training provides users with knowledge needed to use the tools

> Add additional metrics and data to extend the solution

> Managed Cloud helps to reduce IT costs and resources needed

About Warranty Discovery

Warranty Discovery is built using three major open-source technologies:

Solr is an open source enterprise search platform written in Java from the Apache Lucene project. Its major features include full-text search, hit highlighting, faceted search, real-time indexing, dynamic clustering, database integration, NoSQL features, and rich document handling. Providing distributed search and index replication, Solr is designed for scalability and fault tolerance.

Angular is an open-source web application framework mainly maintained by Google and by a community of individuals and corporations. The framework runs within the client's browser thus reducing server load. It leverages the latest concepts for componentization, ease of development, extensibility, and performance.

Dart is a general-purpose programming language originally developed by Google and later approved as a standard by Ecma (ECMA-408). It is used to build web, server, and mobile applications, and for Internet of Things (IoT) devices. It is open-source software under a BSD license. Dart's programming interface has a C-style syntax that is easy to learn. Dart compiles to highly performant JavaScript.

Alithya Project Experience & Resource Capabilities

> Over 20 experienced full time consultants across the Americas and EMEA focused on the converging of big data and data discovery disciplines

> Certified Partner for Hortonworks, Cloudera, and Oracle

> Collective 50+ years of big data and discovery experience; 35+ implementations

> Consistently deliver innovative solutions to clients that solve an array of business problems and maximize the effectiveness of their strategic, operational, and financial management processes

> Alithya cloud-based quick start environments available for proof of value, project jump starts, and performance benchmarking

**Proven Partner for
EPM, BI and BD Solutions**

ORACLE® **Platinum Partner**
Cloud Select
North America

Contact Us

alithya.com | infosolutions@alithya.com | 914-253-6600