

Retrieve Renovate and Rise with Sun Technologies' Data Warehouse Solutions

Creating the roadmap to a successful data warehouse transformation



Enterprise Data Warehouse Solutions

Organizations are preparing to embrace the new normal continued the post-pandemic. This will have a considerable impact on customer behavior, therefore, requires a complete revamp of enterprise strategy and operations.

Fuel your business intelligence and advanced analytics projects with a data repository solution. To support your BI and data analytics initiatives and fasten the process of decision-making, you need a single source that has been optimized to gather and analyze volumes of data from various sources. Sun Technologies help manage your enterprise data platforms by integrating your data to build a single module for transparency. In addition, we categorize and standardize data to maximize accuracy and operationalize AI/ML to speed up the process. Our data warehouse solutions are available on-premises, on the cloud, or as an integrated appliance. We enable faster analytics through our AI/ML capabilities.

Data Warehouse Challenges



Handling the modern data



Extracting strong insights



Maintaining data governance



Choosing the right kind of warehouse



Ensuring speed & efficiency with increasing data volumes



Structuring data & optimizing systems

Up to

50%

Reduction in cost compared to other vendors in the market

Sun Technologies' Optimistic Solution for the Challenges



We drive efficiency & performance with our expertise



We analyze your business requirements to fine-tune a custom data warehouse, including a BI (Business Intelligence) framework, powerful data model, efficient data integration architecture, and an intelligent database



We help you reach your goals by deploying end-to-end data warehouse architectures



We recommend optimization strategies that align with your goals and performance needs

Why choose us for data warehouse services?



Adaptable Scaling

Scale repository and compute with our affordable pricing model and capabilities



Exceptional Insights

Understand the potential of your data by operationalizing AI/ML across the organization



Client-First Approach

Dedicated support team for all our customers to ensure no query is left unanswered



Advance Technology

Pool of experts who are well-equipped with modern technologies to deliver excellent DW solutions

Our Offerings



Data Warehouse Development

- Objectify a Data Model based on business goals
- Identifying & Extracting from various sources
- Data Cleansing and Modernization to enhance quality
- Loading the data into a centralized storage unit

Data Warehouse Optimization

- Problem statement report of the existing Setup
- Solve Modeling challenges to enhance response time
- Enabling industry best practices for Master Data Management
- Assessment & optimization

Data Warehouse Migration

- Build a migration strategy and roadmap
- Choosing the right cloud use case
- Configuring the cloud cluster to reduce costs
- Rebuilding a data warehouse on a new ecosystem
- Quality Assurance to ensure successful migration

Data Warehouse Support

- 24/7 support and administration.
- On-demand DWH configurations

Consulting & Strategy

- Strategize new data warehouse design
- Ensure that the design is fully compliant with your business requirements
- Optimal technology stack
- Design data integration strategy
- Data quality procedures.

Up to

5x

Accelerated time-to-insights compared to legacy Business Intelligence solutions

Our Capabilities



RDMS technologies

Sybase, MSSql, Oracle, DB2, MySql, MongoDB, CASSANDRA, PostgreSQL



Frameworks

Java Seam, PowerBuilder (PB), SAP BODS, SAP Crystal Reports, SAP WEBI, Liferay, Microsoft SQL Server Integration Services (SSIS), Microsoft SQL Server Reporting Services (SSRS), JBPM, Jasper Reports, Jasper libraries, iReports designer



NoSQL Architecture

Hive, MongoDB, DynamoDB, Cassandra and Hbase



Front End Technologies

Angular, Spring, Selenium Test Automation, STRUTS 2.x, JSF, SOAP, .NET, Servlets, JSP, JSTL, OGNL, JavaScript, Nodejs, react



Automation

UiPath, Sonarqube, Jenkins, IntelliSWAUT, Selenium, Appium, Cucumber, HPE, IBM Functional Tester

Data Warehousing Technologies We Work On



Up to

60%

Increase in business and operational agility

Overcome Data Quality Management Complexity with us!



Managed Solutions



User Engagement



Build and infuse enterprise data quality standards



Deploy AI/ML wherever possible

Databases and Data Storages



amazon RDS

amazon Aurora



VERTICA



Cloud Services















Up to

50%

Enhancement in data quality issues with our ideal methodology

Our Engagement Model

	Strategy	Development	Continuous Support
Approach	<ul style="list-style-type: none"> As-Is Analysis Review the existing platforms and systems Evaluate current scalability and capability 	<ul style="list-style-type: none"> Architecture of databases and schemas Integration of data sources Development of ETL Deploying data quality checks 	<ul style="list-style-type: none"> Resolving issues within the SLA Reducing storage and processing costs Enhancement Ongoing support
Benefits	<ul style="list-style-type: none"> 100% customer satisfaction Expert Strategy Value-driven methodology Reduced complexity 	<ul style="list-style-type: none"> 100% Quality Assurance Modern technology stack DeVOps/AIOps/MLOps Agile driven High-end Automation wherever possible 	<ul style="list-style-type: none"> 24/7 support assured On-going enhancements
Key Enablers	   	    	  



Key Benefits

- Improved financial consolidation
- Improved delivery cycle time
- Improved efficiency
- Improved reporting productivity
- Time to Market
- Improve forecasting accuracy

Up to

40%

Enhancement in data quality issues with our ideal methodology

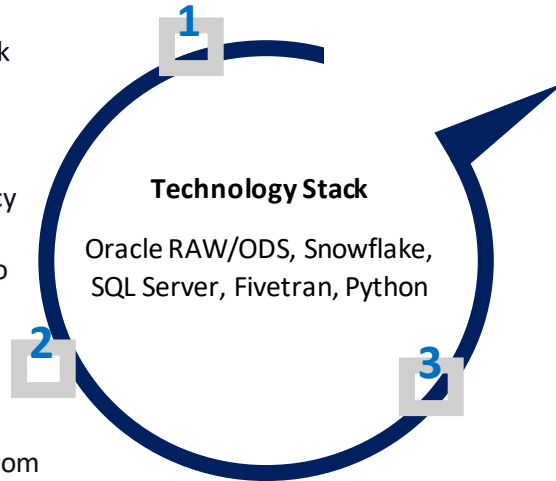
Driving Success for Customers



Legacy BI to Snowflake Migration & Data Visualization

Challenges

- Migrate the Legacy BI Stack over to new Enterprise Analytics Stack
- Achieve genuine modernization of the legacy applications by re-hosting application environment to updated platforms



Business Benefits

- Improved Accuracy and efforts
- 40% reduction in manual efforts on configuration & data migration tasks
- 2x acceleration due to the end-to-end QA automation

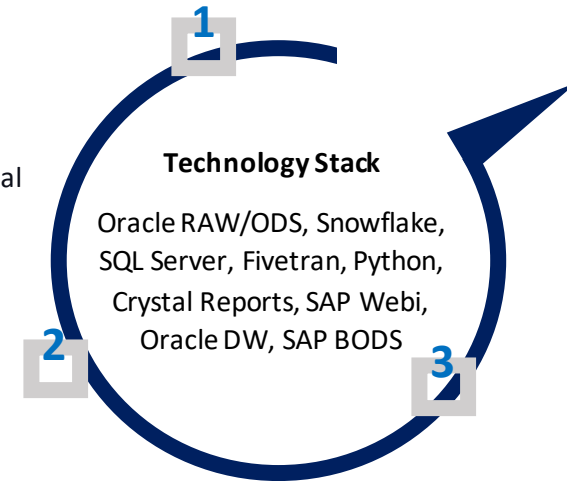
Solution Highlights

- Historical data migration from Oracle DW, SQL Server and other data sources
- Redesigning data marts in Oracle DW
- Redesign all Crystal and Web Intelligence reports onto new Analytics tools, batch ETL jobs and BackOffice applications that interface with Oracle DW, ETL jobs
- Reports from SAP BI Platform

Transformation of Legacy BI to advanced analytics solution

Challenges

- Build a DataWarehouse for the enterprise using Oracle DW
- Develop reports using Crystal Reports and SAP Webi



Solution Highlights

- Migration of the data from existing data sources like SQL Server, different types of files, Oracle, Message Queues etc to Oracle DW
- Architecting and designing the datamarts
- Development of reports required by the business users using Crystal Reports and SAP Webi
- Migration of data to Oracle DW using SAP BODS

Business Benefits

- Improved order fulfilment by 20% and on time delivery by 30%
- Improved collaboration
- Improved Accuracy and efforts

Up to
50%
Reduction in TCO

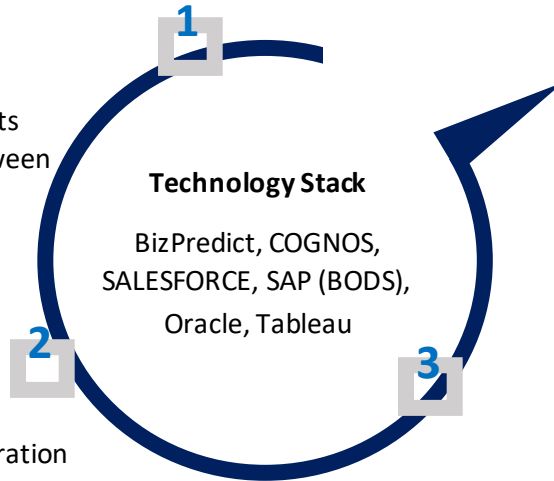
Driving Success for Customers



Reimagined Business Intelligence: Integrated COGNOS with CRM for existing sales data

Challenges

- Integrations
- The profusion of data marts
- Transferring the data between various applications and systems
- Generating useful insights



Solution Highlights

- Data Extraction and Preparation
- Analytic Data Mart Creation
- Analysis and Modeling
- Shared Summary of findings and suggestions with customer's business users group
- Created a SAS flavored algorithm to extract model ready data

Business Benefits

- Implemented Customer Scorecard
- Increased coverage across applications
- Ensure round the clock support
- Implemented several views of reporting

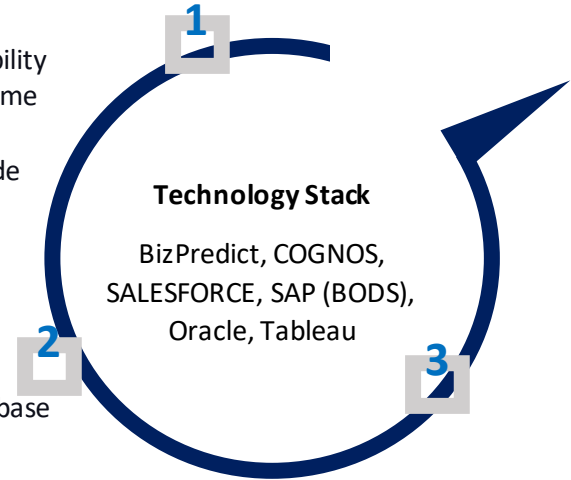
Oracle Database support for one of the leading retailer from the USA

Challenges

- Nonstop system availability
- Continuous system uptime
- Critical data security
- Oracle database upgrade
- 24/7 support

Solution Highlights

- 24/7*365 access to database administration
- Achieved significant performance improvement
- Scalable and stable database architecture to support rapid growth in users and data



Business Benefits

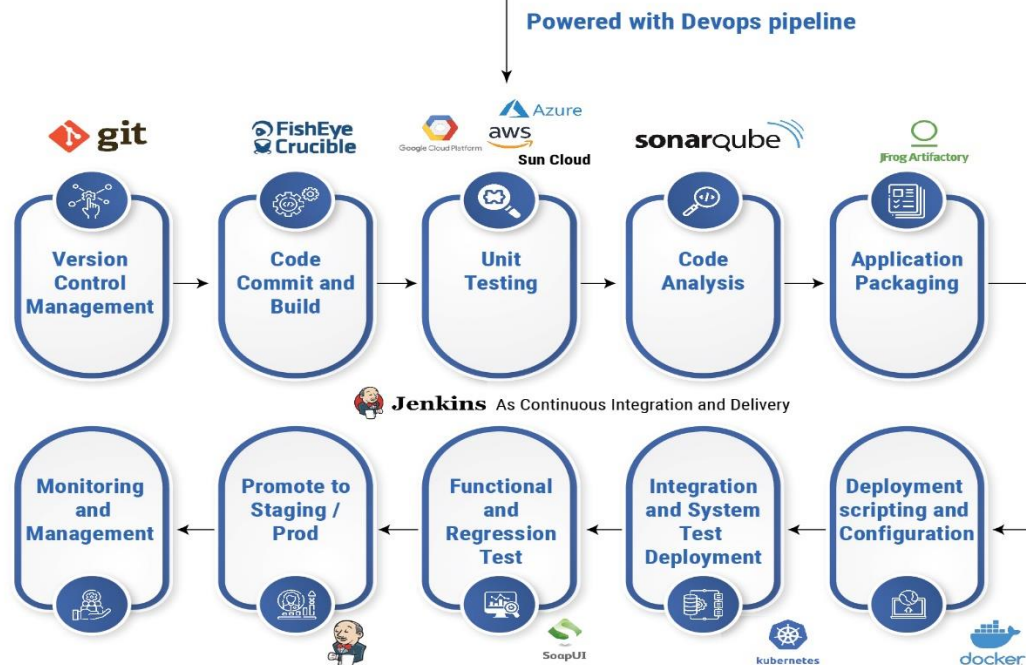
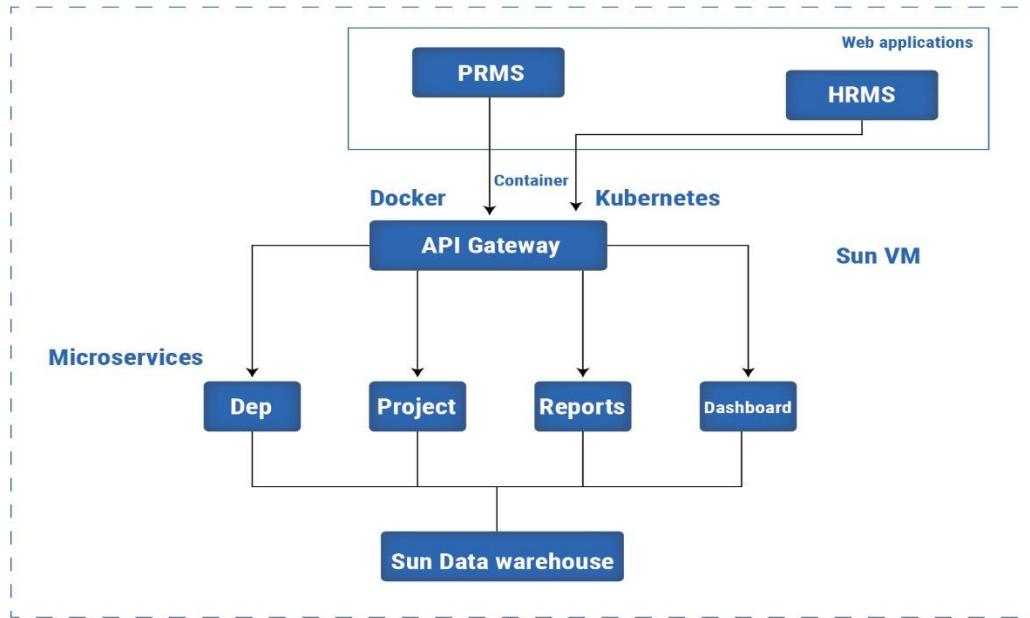
- 24X7X365 Support
- Highly skilled resources deployed
- Automated support process
- Automated services using scripts
- Good backup and recovery process
- Performance tuning

Achieved

99.99%

Availability ensuring almost zero downtime of operations

DevOps for Microservices Architecture



Up to
10X
Reduction in maintenance efforts



About Sun Technologies

We redesign, develop and manage digital products through experience design, quality engineering, and advanced analytics for fortune 500 companies. We have specialized in Agile/Cloud/Dev-Ops Consulting & Transformation, Legacy modernization, IT infra management, QA & Test Automation, Data Analytics, and IT Staff Augmentation Services. In addition, we have expertise in various technologies in multiple areas such as Databases, Servers, Operating Systems, Cloud, Storage, Virtualization, Middleware, and Security.

Industry Verticals: BFSI | Manufacturing | Retail | Healthcare | Education | Media and Entertainment

For more information, please contact: marketing@suntechnologies.com | www.suntechnologies.com

Contact Us Today!