



Retail

Algo technology services empower global retailer to drive growth and operational excellence



Introduction

Algo first partnered with the client, one of the world's largest grocery store chains, in 2008. This association has continued to grow and deepen over the last 15 years.

Challenges

The client managed a diverse array of product categories using an out-of-support Oracle system. They required 24/7/365 support for their warehouse applications, including Oracle 9i EBS, Oracle 11g database, and various Java applications. The complexity of non-grocery product categories, including entertainment, cosmetics, pharmaceuticals, gift cards, books, stamps, and mobile electronics, added further layers of complexity to the operations.

Solutions

Algo responded with a comprehensive solution that included project management, technical and functional analysis, PL/SQL scripting, Oracle forms development, and Java Web Application & Services Development. We also provide a monthly pool of hours for development work to address the client's evolving needs. To ensure data security and integrity, all code and data reside within the client's data center and network, with Algo working in strict adherence to their processes and policies.

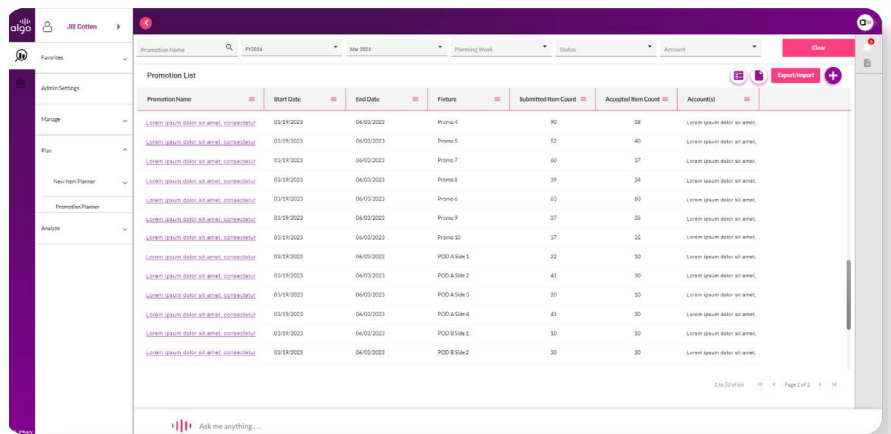
Algo provided a solution to address the unique requirements of non-standard product categories in the client's grocery supply chain. Technologies employed included Oracle EBS, Oracle database, Java applications, Payara Web Server, Apache Tomcat Web Server, Telnet, FTP/SFTP, and GPG Encryption.



The Journey

The journey with the client has been one of continuous growth and expansion, with nearly 400 projects completed across 15 years. Notable projects during this journey include the integration of a dedicated online store for Entertainment products into their main eCommerce site in 2009, the development of a new inventory optimization application in 2011, and the quick transition to in-house supply of tobacco products in 2017 following a supplier's financial difficulties.

Throughout the journey, Algo adopted best practices, adapted to the changing landscape, and mitigated risks. When faced with the challenge of working with an outdated Oracle system, Algo deployed its expertise in legacy systems to ensure seamless operations.



The screenshot displays the Algo promotion management interface. It features a sidebar with navigation options like 'Admin Settings', 'Manage', 'Plan', 'New Item Planner', 'Promotion Planner', and 'Auditor'. The main area shows a 'Promotion List' table with columns for Promotion Name, Start Date, End Date, Feature, Submitted Item Count, Accepted Item Count, and Account ID. The table contains 12 rows of data, including promotions for 'Promo 4' through 'Promo 10' and 'POD 4 Slot 1' through 'POD 8 Slot 2'. A search bar at the top shows 'Promo 4' and 'Mar 2023'. A 'Clear' button is visible in the top right corner.

Promotion Name	Start Date	End Date	Feature	Submitted Item Count	Accepted Item Count	Account ID
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 4	90	28	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 5	52	40	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 7	80	27	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 8	39	34	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 9	50	60	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 9	37	35	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	Promo 10	27	25	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 4 Slot 1	22	30	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 4 Slot 2	41	30	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 4 Slot 3	20	30	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 4 Slot 4	41	30	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 4 Slot 1	30	30	Linken seum odor at amet
Linken seum odor at amet consectetur	03/19/2023	06/02/2023	POD 8 Slot 2	30	30	Linken seum odor at amet

Outcomes

The longevity and expansion of the partnership between the client and Algo are a result of successful outcomes. The seamless support for diverse product categories, management of an out-of-support Oracle system, and the ability to work in accordance with the client's development and deployment policies point towards a high level of operational efficiency and efficacy.

Algo's partnership with the client exemplifies a successful ongoing B2B engagement. Through a deep understanding of the client's needs and innovative solutions, Algo has been able to effectively support their diverse product categories and manage complex IT challenges, illustrating our commitment to delivering exceptional support and services.

Conclusion

Algo's partnership with the global retailer exemplifies a successful ongoing B2B engagement. Through a deep understanding of the client's needs and innovative solutions, Algo has been able to effectively support the client's diverse product categories and manage complex IT challenges. This case study illustrates Algo's commitment to delivering exceptional support and services, paving the way for continued collaboration and success in the future.