

Gopal Namkeen - Entering the World of Automation and Integration



Executive Summary

Gopal Namkeen, a leading name in India's snack industry, faced hurdles in achieving its ambitious growth targets due to reliance on traditional hosting, disjointed systems, and manual processes. Partnering with AWS Advanced Tier Services Partner, AeonX, Gopal Namkeen adopted AWS's Greengrass technology solution to automate critical processes and integrate legacy systems. The result was a streamlined technology stack that propelled Gopal Namkeen to almost a 10x growth in just one year, driven by improved operational efficiency and strategic resource allocation.

Customer Challenge

Gopal Namkeen's journey was marked by its reputation for quality and taste, but hindered by traditional hosting methods, disconnected systems, and a labor-intensive sales platform. These challenges impeded rapid scaling and integration, limiting the brand's potential. As the COVID-19 pandemic struck, the need for remote solutions became even more crucial. The company needed an integrated, agile, and automated approach to its operations, enabling it to accelerate growth while maintaining quality and reliability.

Why did Gopal Namkeen choose AeonX?

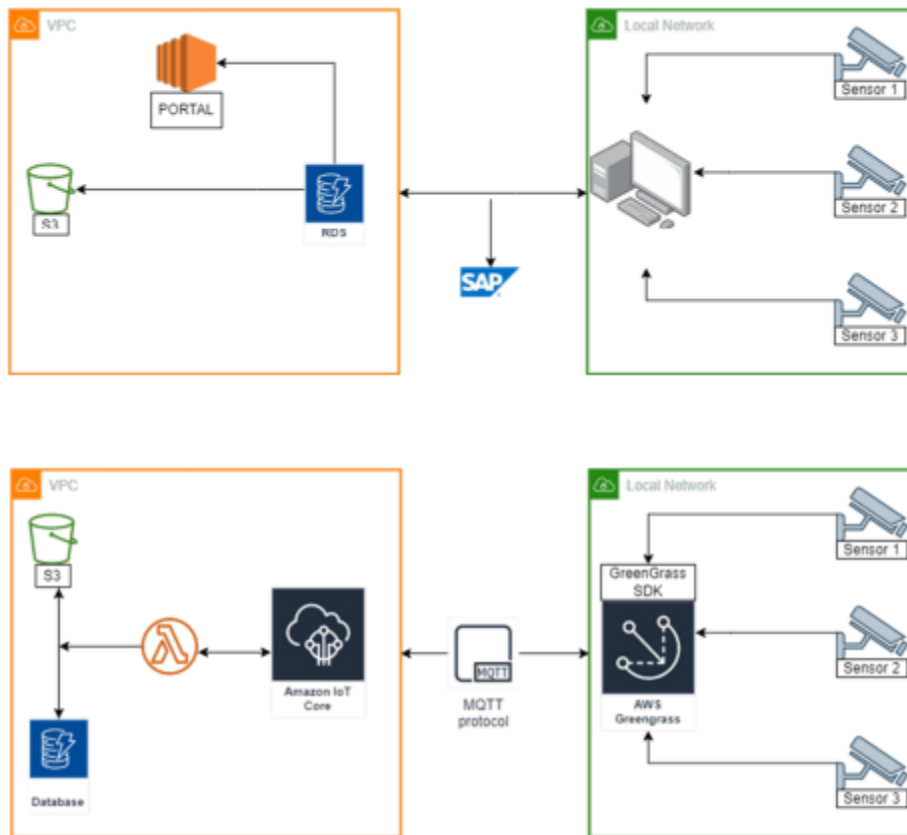
Gopal Namkeen's selection of AeonX as their partner of choice was rooted in AeonX's AWS expertise and track record as an Advanced Tier Services Partner. AeonX's understanding of Gopal Namkeen's unique challenges and the promise of AWS's innovative Greengrass technology solution demonstrated the partner's capability to drive transformation aligned with Gopal Namkeen's business goals. The need for an integrated and automated solution, achieved remotely amidst the pandemic, made AeonX's technical expertise and commitment essential.

AeonX Solution

AeonX's approach was multi-faceted, tailored to address Gopal Namkeen's specific needs:

1. **Automation and Integration:** AeonX developed a comprehensive solution, including a barcode reading system and an integrated dispatching system. These systems were hosted in a development environment, thoroughly tested, and integrated with SAP for seamless data exchange.
2. **AWS Greengrass:** AeonX proposed the use of AWS Greengrass to store barcode data locally, ensuring uninterrupted operations even during internet outages. This data was then synchronized with the cloud when connectivity was restored, enhancing resilience and data availability.
3. **Streamlined Processes:** The solution streamlined the order-to-dispatch process, integrating sales orders, and dispatch records. It facilitated real-time tracking of data, automated material loading into vehicles, and provided a closed-loop communication system with SAP.

Architecture:



Results and Benefits

About AeonX Digital Solutions

AeonX Digital Solutions is a niche business consulting company providing application development, management services and education/training services. We also provide business transformation, and cloud & DevOps consultation. Our aim is to help companies grow, market, and sell by providing valuable technical support.

