



OPTIMIZING OPERATIONS FOR SEASONAL SUCCESS

Prepared For
Ajay L.

Best Buy Heartland

6075 Mavis Rd Unit 1, Mississauga, ON L5R 4G6



INTRODUCTION

During high-demand periods, such as Black Friday & Boxing Day, inefficient warehouse retrieval systems can significantly impact operations and customer experience.

Challenges include:

- Extended wait times for paying customers.
- Supervisor resources being diverted from critical tasks to assist with product retrieval.
- Reduced floor time for sales associates, impacting customer interactions and potential sales.

These inefficiencies strain resources and undermine overall productivity. To address these challenges, we present an innovative warehouse management software tailored for optimization and scalability.

SYSTEM & SOFTWARE

Our solution is a locally hosted warehouse retrieval app which can be accessed remotely by all associates.

Associates will input the UPC in the app and receive the exact location where their device is located. Each location is associated with a location code for quicker retrieval.

The proposed system currently encompasses the laptop shelf, however has the capabilities to be expanded to the entire warehouse.



Simple setup with automated data population via RF scanner

UPC Search								
Enter UPC Suffix:						Search		
A00	A01	A02	B00	B01	B02	C00	C01	C02
A10	A11	A12	B10	B11	B12	C10	C11	C12
A20	A21	A22	B20	B21	B22	C20	C21	C22
A30	A31	A32	B30	B31	B32	C30	C31	C32
A40	A41	A42	B40	B41	B42	C40	C41	C42

Retrieval App for laptop shelf.

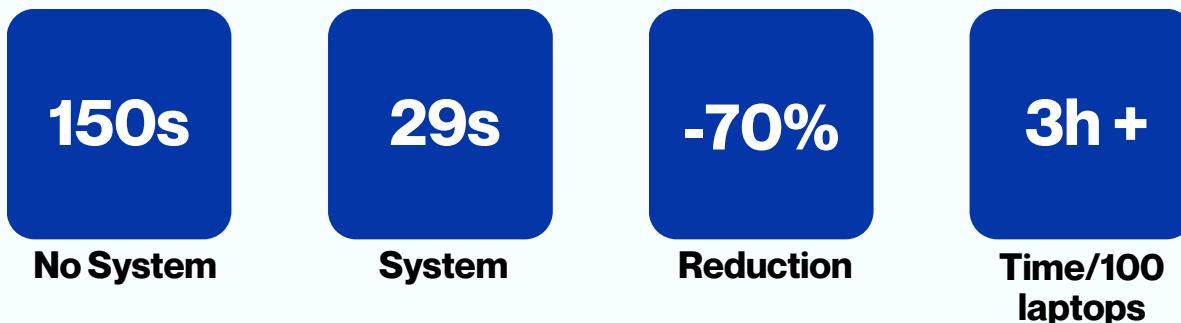
Returns exact location of product

OUTCOMES



During the holiday season, traffic is at its peak and new hires don't have the experience to work as efficiently. By incorporating the strategy on boxing day, we observe a 70% reduction in locating time for associates

Solution 1



Next Steps & Scale

- Scale system to entire warehouse operations + regular maintenance
- Conduct change management to familiarize team on system
- Create a robust software from QR to direct location, reducing time further

OUR STRATEGY FOR 2025

In addition to our warehouse management system, we are driven to automate and streamline pain points in all seasonal operations. Our solutions are presented below



ShiftWork



Floor Sales App



Automated Email Marketing