



# Real-Time Shelf Inventory Management Solution

Powered by Azure AI & Azure Cognitive  
Services

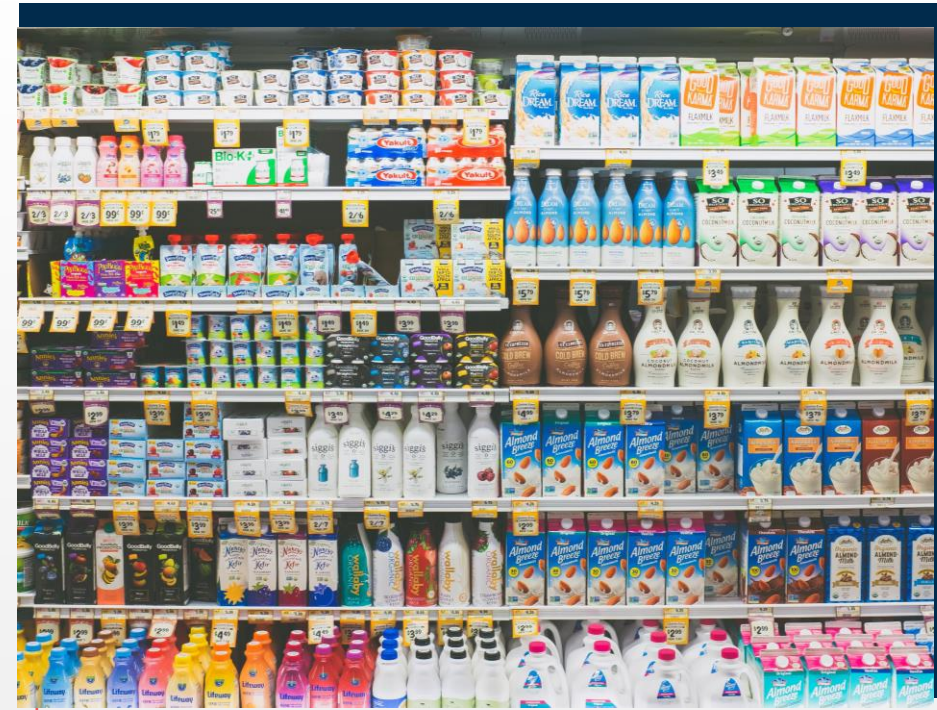


Data & AI  
Azure



# Optimize shelf inventory replenishment process and avoid stock outs with Affine's Automated Real Time Shelf Inventory Management Solution

With Automated Real Time Shelf Inventory Management Solution, Retail customers can use CCTV camera video feed to track their inventory in real-time, always ensuring accurate and up-to-date records, and enabling store operations staff to manage the inventory levels and avoid stock outs



## CHALLENGES

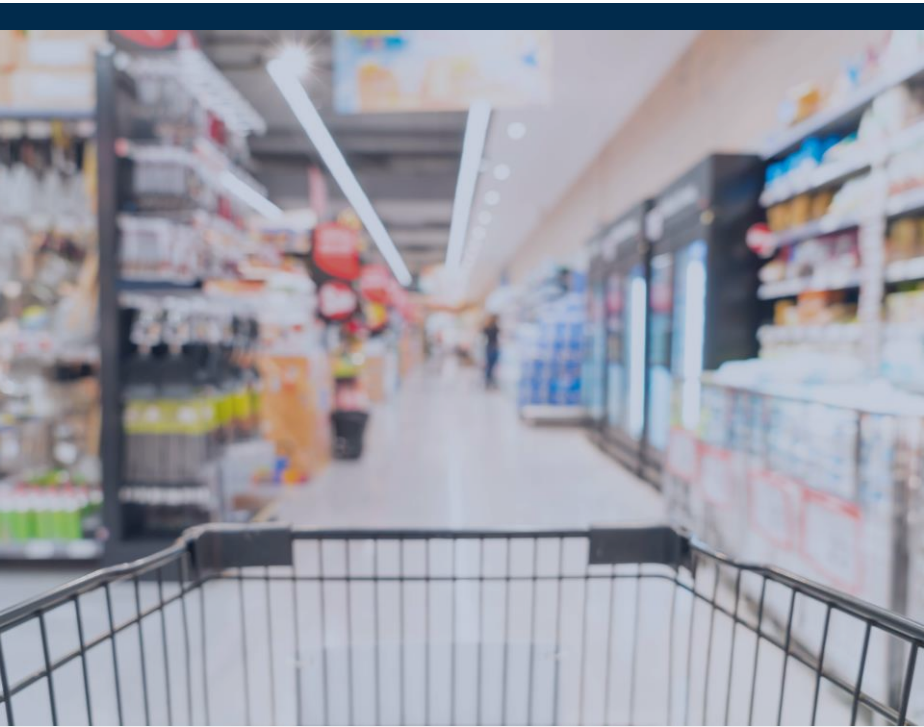
Tracking in-store inventory in real-time, managing the inventory levels and avoiding stock outs

## IDEAL SOLUTION

Automated real-time inventory management framework powered by Azure ML and cognitive services which analyze in-store CCTV camera video feeds to monitor shelf inventory

## DESIRED OUTCOMES

Solution output integrates with a webtool that allows users to view the CCTV video feeds and see the results of the machine learning analysis in real-time



**AFFINE**

*COMMAND THE NEW*

## Real-Time Shelf Inventory Management Solution Powered by Azure ML & Cognitive Services



Increased operational efficiency



Enhanced data analysis



Improved customer satisfaction

# Real-Time Shelf Inventory Management Solution Powered by Azure ML & Cognitive Services

## SHELF INVENTORY MONITORING

CONFIG

### SHELF 1

Stop



### SHELF INVENTORY

Product	0s	2s	4s	6s	8s	10s	12s	14s
Dixan Liquid Det.	3	0	0	0	0	0	2	2
Dash Liquid Det.	3	3	6	6	6	6	6	6
Dixan Powder Det.	2	2	2	2	3	3	3	3
Ace Powder Det.	2	2	2	1	0	0	0	0
Perlana Powder Det.(1)	1	1	1	1	1	1	1	1
Perlana Powder Det.(2)	3	3	3	3	3	3	3	3
Perlana Liquid Det.	3	3	3	3	3	3	3	3
Vernel Softner (Purple)	3	3	3	3	3	3	3	3
Vernel Softner (Blue)	3	3	3	3	3	0	0	0

## Want to know more?



[www.affine.ai](http://www.affine.ai)



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