

# Reduce retail stockouts and boost revenues with AI

StockView for Retail



# Stock outs mean lost sales and lost customers

31%

of consumers faced with a stockout will go to another store to buy the item they want

\$309B

Worldwide retail missed sales due to empty shelf stockouts

72%

of stockouts were due to faulty in-store ordering and replenishing practices

# Reduce retail stockouts and boost revenues with AI

Neal Analytics + Azure +  
IoT

Neal Analytics StockView helps retailers avoid lost sales and customers resulting from stockouts by analyzing shelves every five minutes. Our custom vision AI models run in-store on Azure Stack Edge devices with NVIDIA GPUs, ensuring local team members can replenish shelves, capture sales, delight customers, and better plan their inventory purchases.

# Optimize revenue and success with stockout analytics



## Increase availability

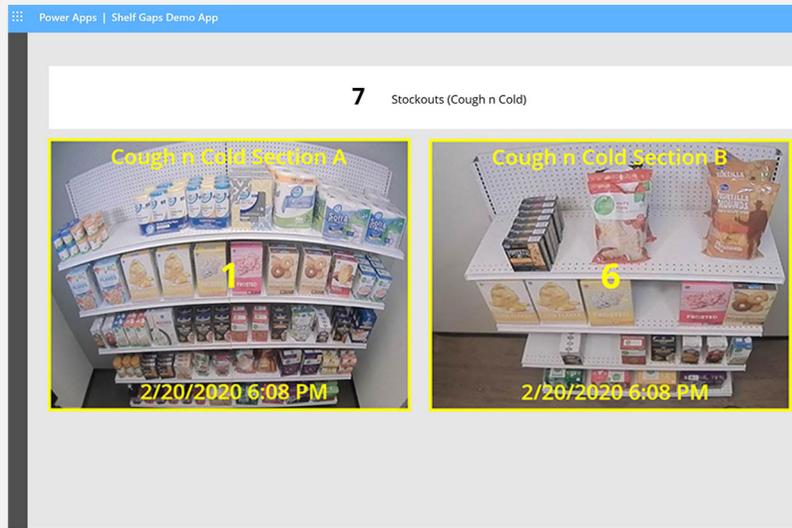
Make sure products are on the shelves for customers, increasing sales and customer satisfaction and loyalty

## Increase revenue

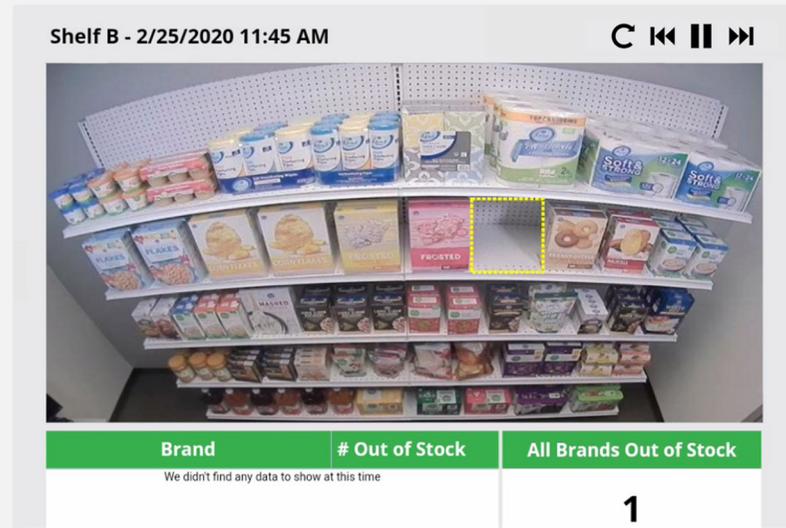
Capture every possible sale by stocking shelves and improving in-store demand planning and ordering

## Improve planning

Supplement in-store demand planning with centralized data analysis, optimizing your procurement and restocks



View a dashboard of all stockouts in one or all stores, by department and type



Drill down on any one aisle and see any stockouts or issues identified



Leverage the processing power of Azure Stack Edge devices and NVIDIA GPUs

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# Solution built on Microsoft Azure

Aggregate, analyze and react in real-time



Integration to  
upload solution  
telemetry



Storage to scale  
solutions without  
latency



Visualization to  
surface solution  
insights



Analytics to  
predict and  
plan



Security to  
protect  
solution data

# Dylan Dias, CEO of Neal Analytics



*Live video-based analytics solutions like StockView for Retail are important tools for improving customer experiences at retail locations. StockView allows retailers to improve the overall customer experience in a non-intrusive way, including improving SKUs availability on existing shelves. This results in greater sales volumes and happier customers.*

# Start improving your operation with IoT



Contact us to discuss how we can help:

[sales@nealanalytics.com](mailto:sales@nealanalytics.com)



# About Neal Analytics

Neal Analytics is a cloud, data, and AI Microsoft Gold Consulting Partner supporting data-driven transformation initiatives from data strategy to solution design, architecture, development, operationalization, and support. Our expertise spans migration and modernization, data science, AI/ML, IoT, edge computing, BI, application development, and RPA. Neal leverages Agile methodologies and flexible engagement models to deliver measurable customer value with a focus on right-sized and pragmatic approaches towards digital transformation.