remi

INTELLIGENT INVENTORY

remi

YOUR CHALLENGES

Profitable retailing has always been about economies of scale. The ultimate goal for retailers is a competitive business with increasing sales, improving revenues and profitable growth.

In a market with lowering margins, increasing complexity, fierce competition and growing customer expectations, being able to quickly respond to changing market needs is key. This is only possible by accurately forecasting future demand at a very granular level – per SKU, per day, per location. Optimizing replenishment decisions also ensures a balance between stock availability and waste.

A balance of stock and waste levels is harder to maintain because of the following factors:

| UNPREDICTABLE DEMAND	CHANGING CHANNELS
INCREASING PACE OF DIGITAL RETAIL	**VARIABLE LEAD TIME FROM SUPPLIERS**

DEMAND FORECASTING

Our Artificial Intelligence (AI) solution delivers probabilistic & machine learning forecasts based on hundreds of different variables including weather, promotions, and holidays. This allows the business to **automate millions of daily replenishment decisions** across products and stores.

Up to

70%

out-of-stock reductions
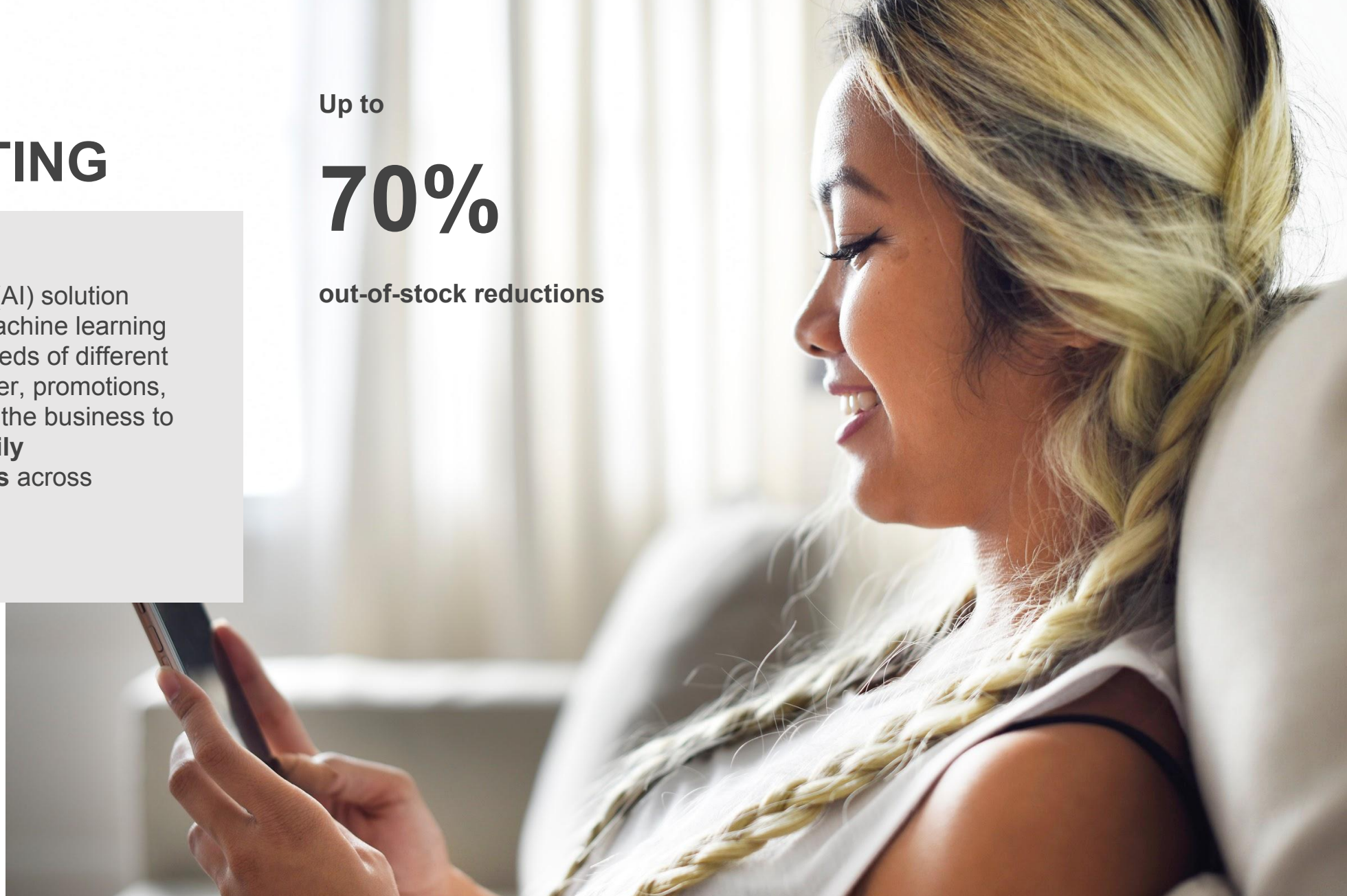
LOW-VELOCITY FORECASTING

If you have high-value, rare selling products, forecasting these has historically been a difficult task.

Where other forecasting companies predict **ZERO** sales, our low-velocity forecasting techniques allow us to provide actionable insights into which of your products will sell and when.

AI AUTO-REPLENISHMENT

What it does

Remi AI's replenishment solution focuses on KPI performance. **The replenishment algorithms are rewarded for exactly the same KPIs as your Supply Chain Team.**

They are capable of optimizing of competing goals, without the need to compromise on operational constraints.

What it delivers

Recommended order quantities based on optimal trade-off between competing cost factors
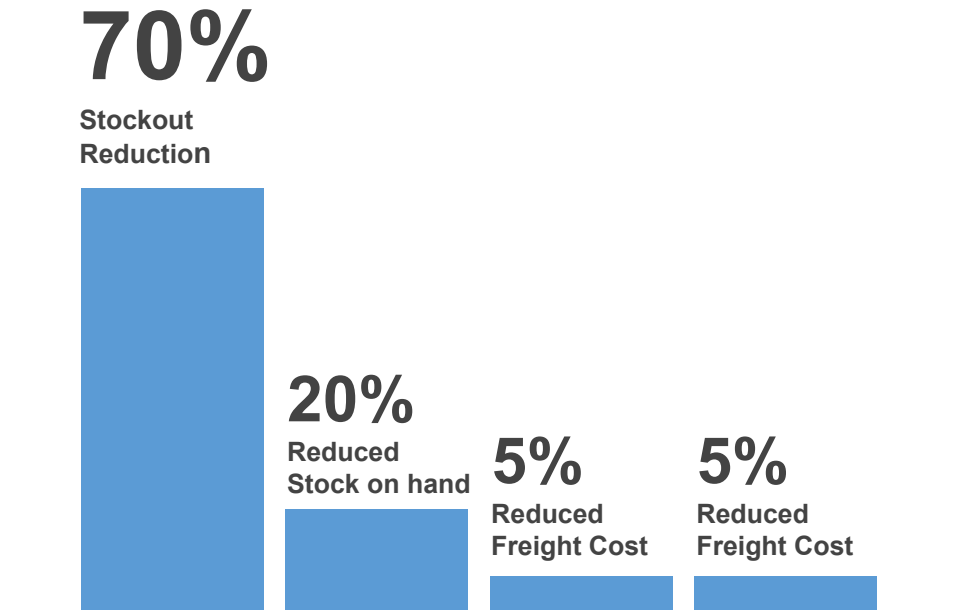
Constraints-led (e.g. packs, pallets, etc.) final order quantities

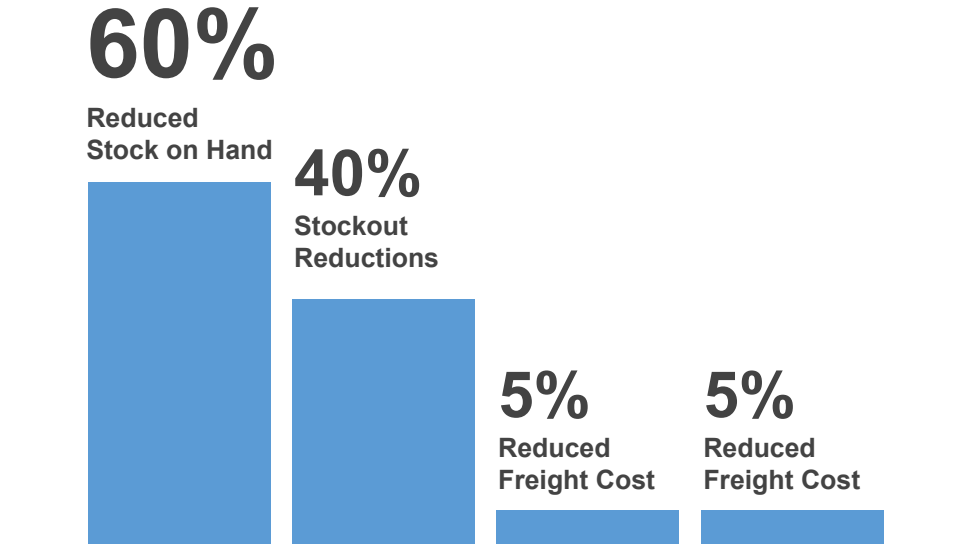Simplicity in monitoring performance and exceptional situations

AI KPIs & PRIORITIES

Our AI Auto-Replenishment is aligned with your Inventory KPIs to ensure its optimising toward your current priorities.

Client 1 Priorities

70%
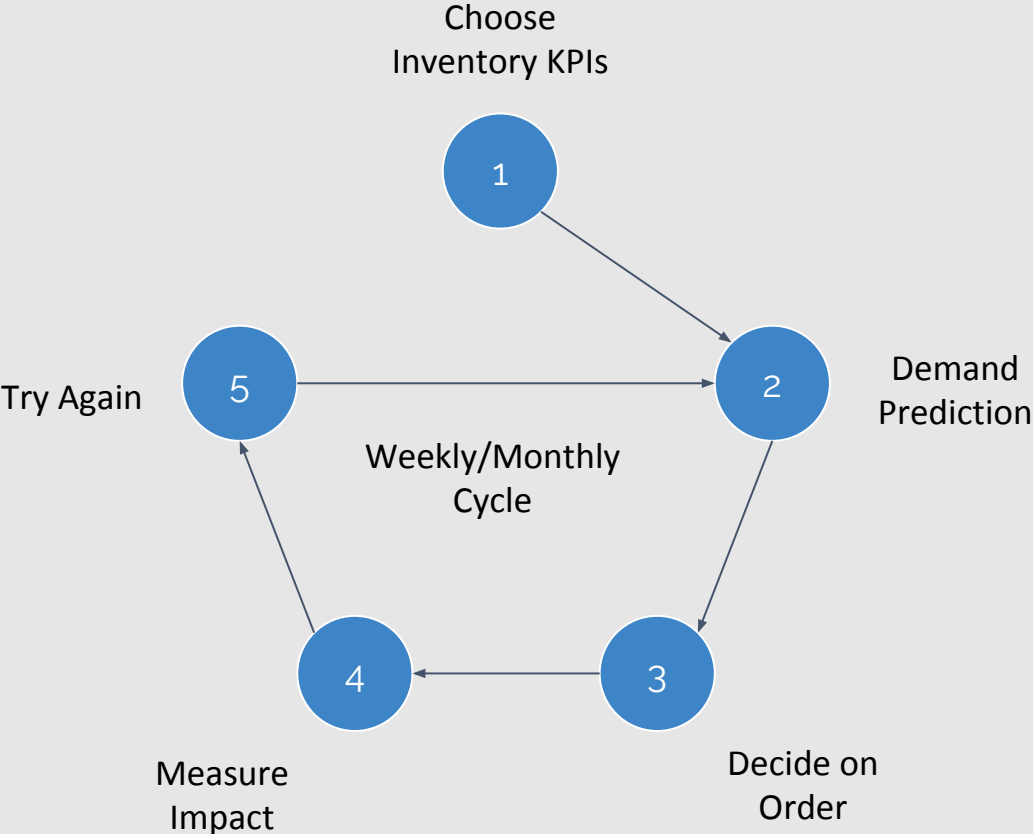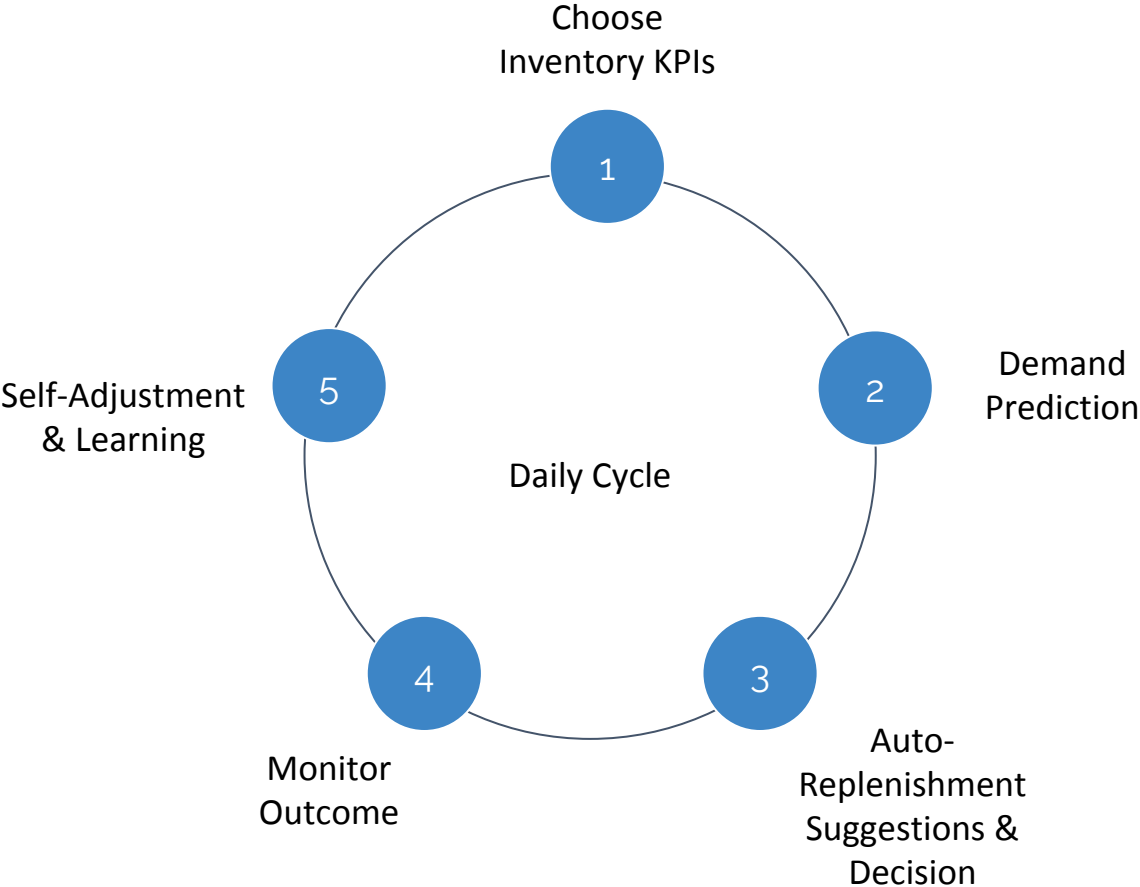Stockout Reduction

20%
Reduced Stock on hand

5%
Reduced Freight Cost

5%
Reduced Freight Cost

Client 2 Priorities

60%
Reduced Stock on Hand

40%
Stockout Reductions

5%
Reduced Freight Cost

5%
Reduced Freight Cost

MANUAL APPROACH

Choose Inventory KPIs — 1

Demand Prediction — 2

Weekly/Monthly Cycle

Decide on Order — 3

Measure Impact — 4

Try Again — 5

AI APPROACH

Choose Inventory KPIs — 1

Demand Prediction — 2

Daily Cycle

Auto-Replenishment Suggestions & Decision — 3

Monitor Outcome — 4

Self-Adjustment & Learning — 5

PERISHABLE REPLENISHMENT

Our auto-replenishment ai can be setup with constraints for perishable goods. This will optimise order sizes to reduce the amount of products expiring and having to be thrown out.

Up to

80%

reduction in waste of perishable goods

PRODUCT SIMILARITY & NEW STOCK

If new SKUs are creating headaches for your forecasting and ordering process, our machine learning methods can be utilised to identify similar, replacement and duplicate items.

Utilising Language Understanding, Dimension Information and Forecasting Comparisons we can track new items and provide forecasts based off the item they're replacing.

ABOUT REMI AI

Remi AI enables retailers and e-commerce to take an intelligent approach to their core business operations, automating complex decisions that deliver higher profits and customer value using AI.

With AI embedded into their supply chain, pricing, maintenance companies can respond quicker to changing market conditions and customer dynamics, boosting revenues and increasing margins.

Remi AI was founded in 2013 by 4 founding partners. The company has been awarded the Mumbrella Innovation Awards, Bing Innovation Award, is trusted by numerous Fortune 100 Companies and has teams in Australia and the US.

Remi AI provides its solutions through AWS & Microsoft Azure.

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Thank you.