A person's hand is holding a tablet computer that displays a data dashboard with various colored bars and charts. The background is a blurred retail store with shelves of products.

a4Retail a4Wholesaler

Supply demand optimization combined with purchase
decisions and ordering automation



A4E
Analytics for Everyone



RESOURCE
EFFICIENCY



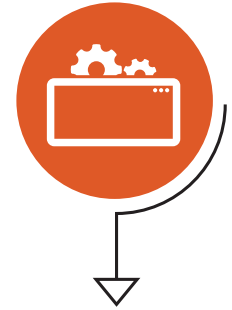
WASTE
MINIMIZATION



IMPROVED
ACCURACY



INVENTORY
OPTIMIZATION



ERP
INTEGRATION

SHORT DESCRIPTION

A4Retail and **A4Wholesaler** are solutions for decision automation, aimed at achieving optimal supply-demand balance. They are based on proprietary predictive analytics algorithms, capable to account specifics like shelf time, available stock, existing business rules and other factors. The tools are fine-tunable to meet the needs of both retail and wholesale businesses.



AUTOMATION OF BUYERS WORK

Human work might be biased and inconsistent to a certain degree. **A4Retail** and **A4Wholesaler** rely on mathematical modeling in order to achieve unbiased sales forecast, accurately projecting the expected consumer demand. This way, A4E's solutions eliminate the "guess work" in terms of what, when, where and in what quantities should be kept in stock to address the demand, replacing it with mathematically reasoned, informed decisions.

IMPROVED SUPPLY – DEMAND BALANCE

Forecasting consumers' demand is crucial in terms of achieving stock supply in quantities preventing both out-of-stock and overstock situations. The sophisticated analytical algorithm is capable of implementing different variables affecting future demand and projecting them in its purchasing decisions. It is also reducing the catastrophic business events (heavy overstock or out-of-stock) generated by purchasing decisions.



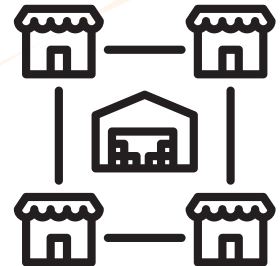


"INFINITE" NUMBER OF SKUS SUPPORTED

To work with tens of thousands of SKUs with different shelf life might be extremely challenging for any retail or wholesale business. **A4Retail** and **A4Wholesaler** will work reliably, no matter the amount of SKUs they have to work with, while accounting the usually large pool of specific business rules, constraints and factors.

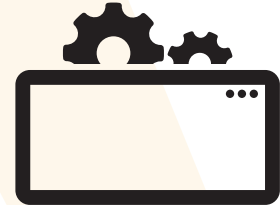
MULTIPLE RETAIL LOCATIONS

A4Retail is specifically designed to meet the needs of chain stores. It is capable of offering purchasing decisions automation on location level, while accounting specific factors including but not limited to weather, specific days, holidays, etc.



EASY ERP INTEGRATION

A4Retail and **A4Wholesaler** are designed to be capable to transform its sales forecast into a direct purchase order, accounting existing stock, date of expiration and shelf life. Such purchase order might or might not be human supervised, depending on the business needs and preferences. The full automation of the buying process is achieved without sacrificing the ability for further adjustments.



EARLY TRENDS DETECTION

Trends rarely happen overnight. **A4Retail** and **A4Wholesaler** are able to detect the slow and fast changes in consumer behavior and to learn and adapt to these properly. On top of this, our solutions might detect recurring customer behavior on daily, weekly, etc. basis also known as seasonality. As a side effect, A4E's supply demand optimization tools makes the identification of unknown correlations easy.

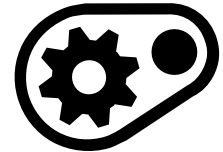


ARTIFICIAL INTELLIGENCE TECHNOLOGY

A4Retail and **a4Wholesale** were developed using some of the latest technologies in AI and ML. Designed to self-adapt on daily level using the latest information available the algorithms are able to learn from the new information and to 'forget' information that is no longer relevant for the customer behavior.

EXTRA BENEFITS

Due the nature of the applied technologies, the solutions provide some additional benefits to the businesses such as data driven assessment of the marketing campaigns, statistically validated information for the pricing ranges and the customer behavior assigned, dynamic assessment of the top and bottom product performance.



ABOUT

A4E is helping businesses better utilize their existing data by automating their processes in areas of decision making, demand forecasting, risk management, product portfolio mix, market basket analysis, and geo-targeting. A4E is building an analytical platform targeted to provide AI-as-a-Service for focused business solutions for SME globally.

TRUSTED BY



Visit us online to learn more
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**It is a capital mistake
to theorize before one has data.**

Arthur Conan Doyle

