SCOOP

Supply Chain Opportunity and Optimisation Platform

SCOOP uses data and analytics to provide deep insight into how supply chains perform to answer key client questions:

"How to gain rapid visibility of my Supply Chain performance?"

"What does my optimal supply chain look like?"

"How to identify and quantify hard to find benefits?"

"How can I manage my supply chain in real time?"

SCOOP is built on three analytics platforms processing enterprise and digital data

Diagnostic Platform

Apps to enable the rapid extraction and transformation of disparate data. Advanced analytics are then used to deliver insight into the performance and opportunities in a supply chain.

Transformation Platform

Apps that provide detailed optimisation recommendations to support transformational supply chain programmes and strategic decision making.

Real time Platform

Real-time supply chain Apps which clients can use in their operations to identify issues and opportunities as they happen.

SCOOP accelerates how our clients can access and build capability in advanced supply chain analytics

Sustainable data handling

Rapid Big Data processing into a sustainable Target Data Model

Self funding

Identify hard to find opportunities using advanced analytics and benchmarking to fund capability development

Insight visualisation

Explore configurable dashboards that provide deep insight into supply chain performance

Rapid deployment

Configure and deploy reusable advanced supply chain analytics in weeks, not months

Packaged global PwC expertise

Capturing and packaging delivery expertise in supply chain analytics to accelerate knowledge transfer

Command centers

Immersive and high impact visualisation of outputs to communicate opportunities, issues and risks in a compelling way

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pwc

Talk to us today

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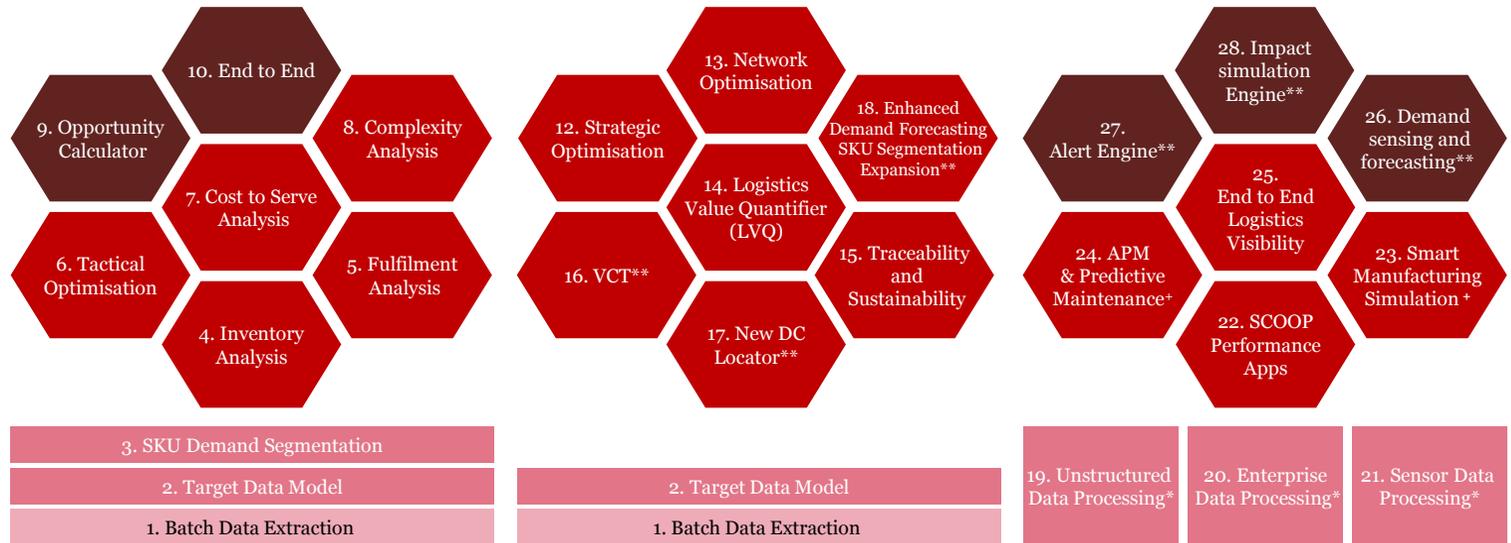
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11. Advanced – Immersive – Visualisation [1]

10. End to End

9. Opportunity Calculator

8. Complexity Analysis

7. Cost to Serve Analysis

6. Tactical Optimisation

5. Fulfilment Analysis

4. Inventory Analysis

3. SKU Demand Segmentation

2. Target Data Model

1. Batch Data Extraction

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13. Network Optimisation

12. Strategic Optimisation

18. Enhanced Demand Forecasting SKU Segmentation Expansion**

14. Logistics Value Quantifier (LVQ)

16. VCT**

15. Traceability and Sustainability

17. New DC Locator**

2. Target Data Model

1. Batch Data Extraction

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28. Impact simulation Engine**

27. Alert Engine**

26. Demand sensing and forecasting**

25. End to End Logistics Visibility

24. APM & Predictive Maintenance+

23. Smart Manufacturing Simulation +

22. SCOOP Performance Apps

19. Unstructured Data Processing*

20. Enterprise Data Processing*

21. Sensor Data Processing*

** In development
+ Existing apps

Legend

- *Overview/Alerting Apps*
- *Insight Apps*
- *Foundation Apps*
- *Data Ingestion*

[1] To see a demo of the Advanced Immersive Visualisation app:
https://youtu.be/YmwA-XQGNWk

SCOOP

SCOOP Delivery Models

SCOOP can be deployed using 3 distinct delivery models

Diagnostic

- *Using standard/existing SCOOP apps*

- One-off quick diagnostic analysis to understand the issues and opportunities in a client's supply chain using standard/existing SCOOP apps

5.5 - 7.5 weeks*

Accelerator

- *Customising an existing app OR*
- *Creating a new bespoke app*

- Design, build and deploy apps with supply chain opportunities to accelerate their digital supply chain maturity

6 weeks

Ongoing usage

- *Using an existing/custom-created app as a managed service*

- If the client wants to deploy the app, but doesn't have the capability, the app can be hosted on PwC's cloud platform as an ongoing managed service
- Alternatively, if the client has the capability, the app can be provided as software as a service

*No. of weeks varies based on the number of apps

Recent Case Studies

SCOOP

We have successfully delivered multiple projects using SCOOP

Diagnostic

Retail

UK Non-Food Retailer

Problem: Lack of analytics capability to bring big data sets together. Pressure to free up more working capital and improve inventory performance.
Solution: Used 2 SCOOP apps to identify working capital saving opportunities and the associated levers.
Impact: Working capital saving of **~£14m (9% of total inventory value)** was identified.

Consumer Products

Global Cosmetics Manufacturer

Problem: Diagnose current warehouse operations and identify opportunities to free up working capital.
Solution: PwC deployed 4 SCOOP apps to extract large amount of transactional data, then analysed it to understand sales patterns and optimise inventory levels.
Impact: A total of over **£10m** inventory saving opportunity was identified and validated. This resulted in equivalent of over 300k cases of inventory ~ Approx. **10% of existing inventory space**.

Industrial Products

Technology Manufacturer

Problem: Client exhibited a misalignment between business strategy and supply chain operating model.
Solution: Leveraged analytics to improve SIOP and IBP processes and improve insights into demand planning and inventory management.
Impact: PwC delivered detailed recommendations on improvements to SIOP / IBP approaches and overall data management capabilities. PwC completed the SCOOP analysis early and leveraged it to design recommendations.

Accelerator

UK Non-Food Retailer

Problem: Analysing Inventory and Cost to Serve to identify working capital reduction opportunities.
Solution: Customised existing SCOOP apps to answer specific client questions around operational working capital reduction.
Impact: Working capital saving of **30% of total inventory value** was identified.

Global Hospitality Chain

Problem: Simulate future state supply chain networks to establish the most cost efficient strategy.
Solution: Built end-to-end baseline enabling the client to trace their supply network from sourcing to customer markets. Optimised delivery routes, comparing across networks to understand best future state options.
Impact: Outcome helped client scope and tender for new 3PL partner to capitalise on **£12m** distribution cost savings identified by the analysis.

Ongoing usage

UK Non-Food Retailer

Problem: Client wanted to use a custom-created app as an ongoing (weekly) operational tool.
Solution: Hosted custom-created SCOOP app on PwC's cloud platform for the client as an ongoing managed service (accessible by the client).
Impact: Monitored inventory performance and identified working capital reduction opportunities on a weekly basis.