ArcFlow

INV 48V 12A #INV4812

PCB board v2 #PCBBV2

Red Diode #RDIODE2

Stock Change (30 days)

2,365

↑ 11% vs last month

Blueprints > Builder

Search

Home
Blueprints
Sales
Warhouseing
Procurement
Manufacturing

Log Out

Today's revenue
Order Fulfilled
$1,280 ↑ 10%

Order Plans
Orders Fulfilled
80%
80 / 100

Total customers
↑ 40% vs last month
2,420

Builder

Create Product ⊕   Upload Product

Products | Assemblies | Items

Search   Group By ⌄   Name, Code, D... ⌄

Name	Code ↑↓	Description ↑↓	Cost ↑↓	Category ↑↓	Created ↑↓	Updated ↑↓	+
Tubing Chrome 19 X 0.8 X3 .0	#TUB00782	Chrome circular...	$8.70	Tubing	12/08/23	20/08/23	⋮
Core i9 - 10900K F	#COR00618	Intel Processing chip	$422.00	Processor			
Light Starter 4-80 Watt	#LIS00267	Electrical starte...	$1.80	Electrical Component			
Through Hole 1/4 Watt 2.70 Kohm	#TH00278	Resistor 1/4 watt	$0.056	Electrical Component			
Duct Tape Black 5m X 48mm	#DUC00119	Black Duct Tape	$2.14	Bolts & Screws			
Coaxial Cabled Flexible Interconnect	#CCO00892	Flexible cables	$110.20	Cabled			

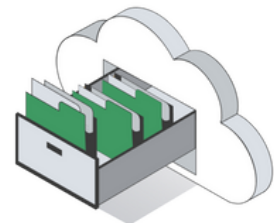**Sales (7 days)**

146   ↗ 8% vs last month

Screwset M10 #SSA2304410

Drag and drop suppliers and order them by rank below

1. Screwman
   #code   SSM10230

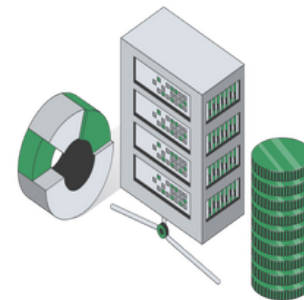   All Screws   SSM10230

5. Screw Loose
   #code   SS230M10

3. #code   SSA230M10

4. We Want Screws
   #code   SSA230410

Why ArcFlow?

SME Tailored Cloud ERP System

AI-driven cloud-based ERP system tailored for small and medium-sized manufacturers.

End-to-End System

Facilitates seamless data and workflow continuity across modules and within the system.

AI Enabled & Real Time Capabilities

ArcAI enhances decision-making, automates tasks, and boosts productivity within your existing resource capacity.

De-Risking Digital Tool Adoption

No Setup Fee and our data team cleans, structures, and migrates your manufacturing data for successful ERP implementation.

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ArcFlow System Overview

Blueprints

Create & manage items, assemblies, and products, along with their associated manufacturing routes.

Sales

Oversee and optimize complete sales cycles while managing customer relationships effectively.

Procurement

Manage procurement life cycles and oversee supply chain operations efficiently.

Warehousing

Inventory management, stock tracking, and the storage and distribution of goods.

Manufacturing

Manage production processes. including planning, shop floor operations, capacity & quality control
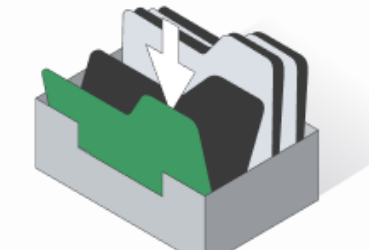
Fulfillment

Oversee customer order fulfilment, processing, and tracking of deliveries.

User Management

Monitor and manage employee performance and system access.

Document Hub

Store, manage, and track document uploads for transparency and compliance.

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Artificial Intelligence

SME Benefits

- ArcAI automates repetitive tasks, helping SMEs scale efficiently with their existing resources.

Manufacturing Industry

- The vast amount of data produced in manufacturing operations enhances the accuracy and effectiveness of AI models.
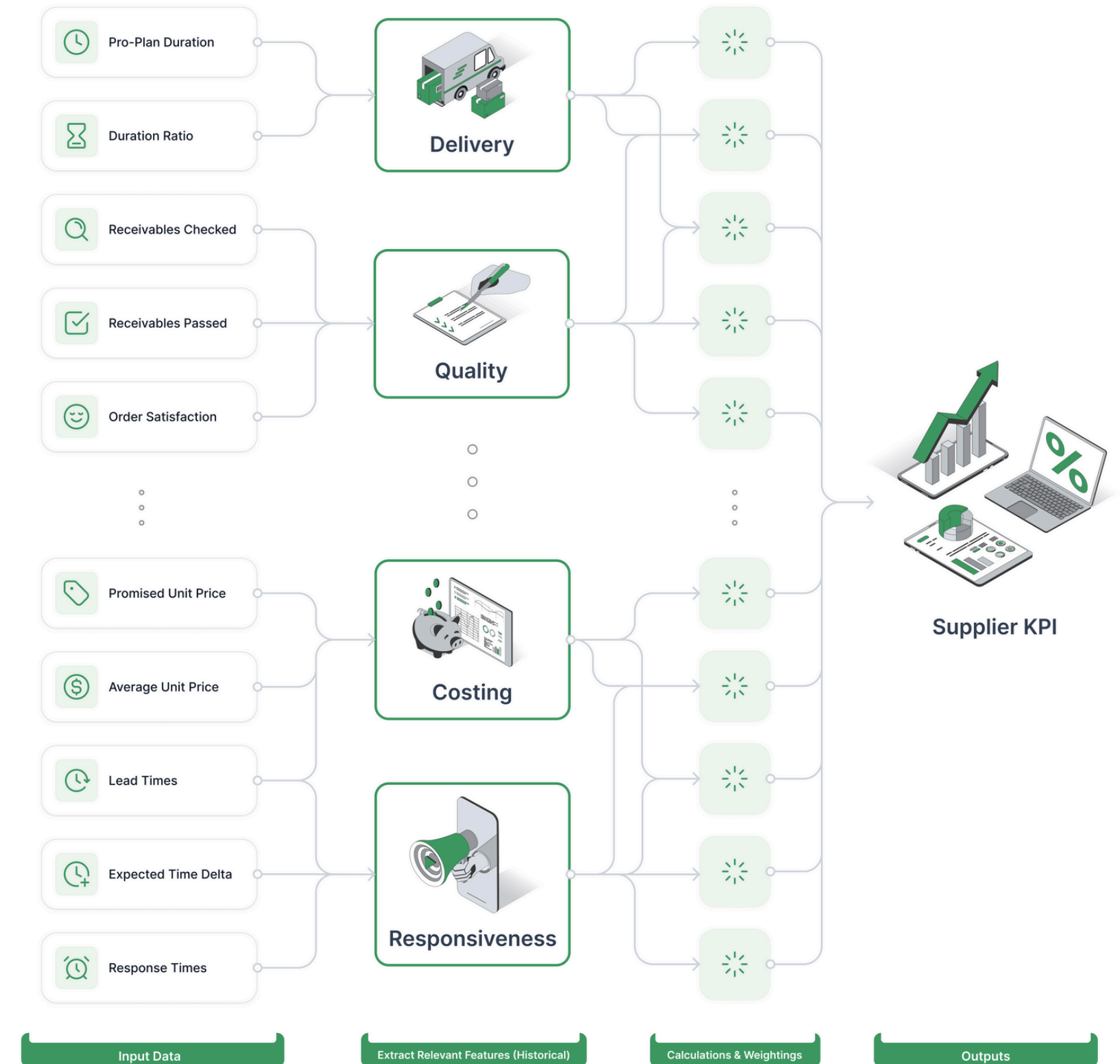
ArcFlow Infrastructure

- ArcFlow's integrated system design creates a cascade effect, where AI decisions in one module provide precise data inputs for AI models in other connected modules.
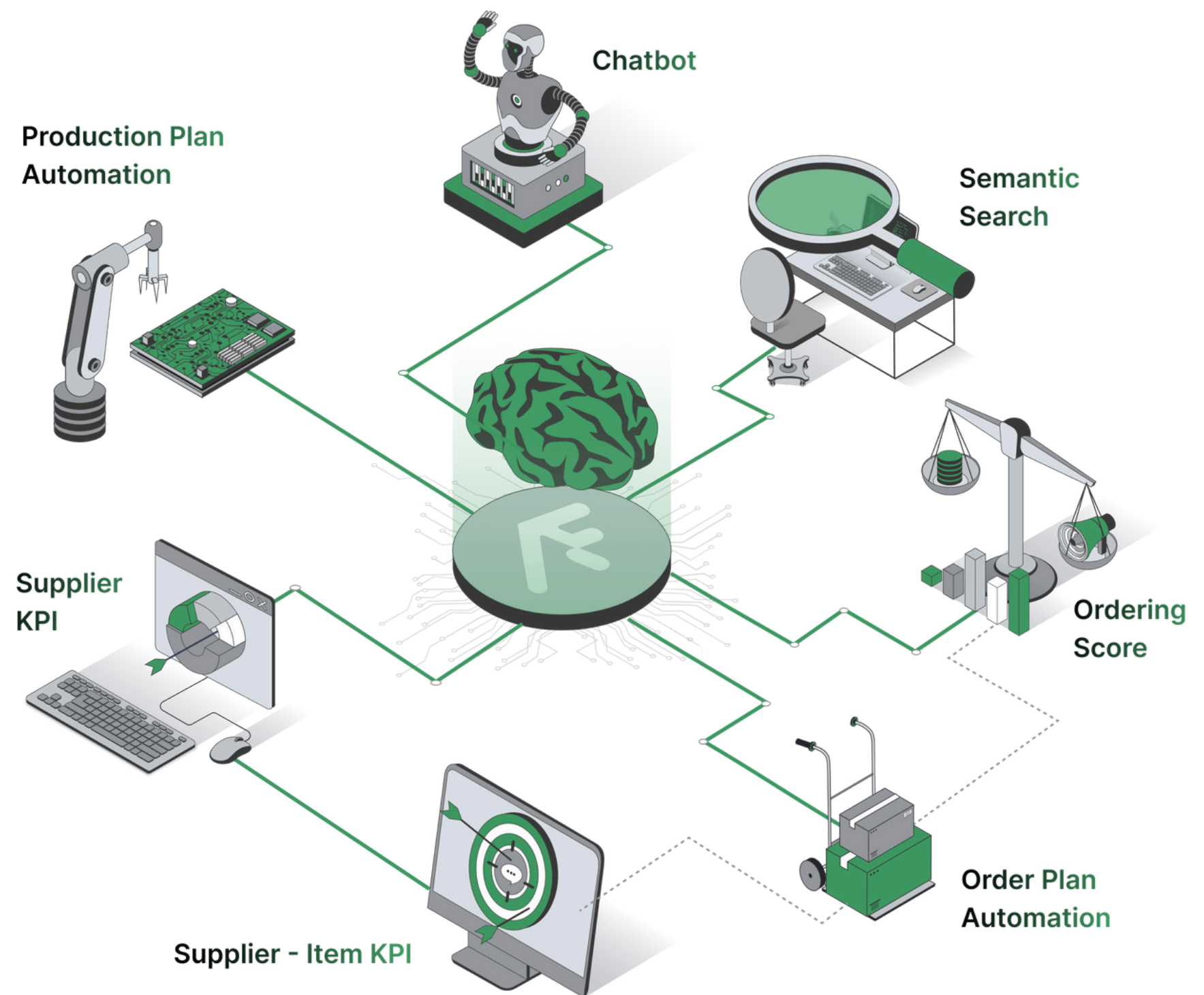
Supplier KPI

The Suppliers KPI and Selection model evaluates supplier performance based on various metrics such as the quality of items supplied, overall performance, delivery efficiency, and cost.

These KPI metrics are integrated into a supplier selection model, which helps the system recommend the best suppliers to order from during the quoting and purchase order stages, considering specific constraints.

Pro-Plan Duration
Duration Ratio
Receivables Checked
Receivables Passed
Order Satisfaction
Promised Unit Price
Average Unit Price
Lead Times
Expected Time Delta
Response Times

Delivery
Quality
Costing
Responsiveness

Supplier KPI

Input Data
Extract Relevant Features (Historical)
Calculations & Weightings
Outputs

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Order Plan Automation

The Order Plan Automation model leverages various data sets, including minimum stock levels, sales demand, supplier performance, and production plan requirements, to generate an automated list of suggested items.

This ensures your company always has the necessary materials and products available when needed.

Supplier KPI

Warehouses

Min. Stock Quantity

Min. Stock

Sales Orders

Production Orders

Avg. Usage

Available Stock

Unreserved On Order

Current Usage

Quantity To Order

Input Data

Extract Relevant Features (Historical)

Calculations & Weightings

Output Predictions
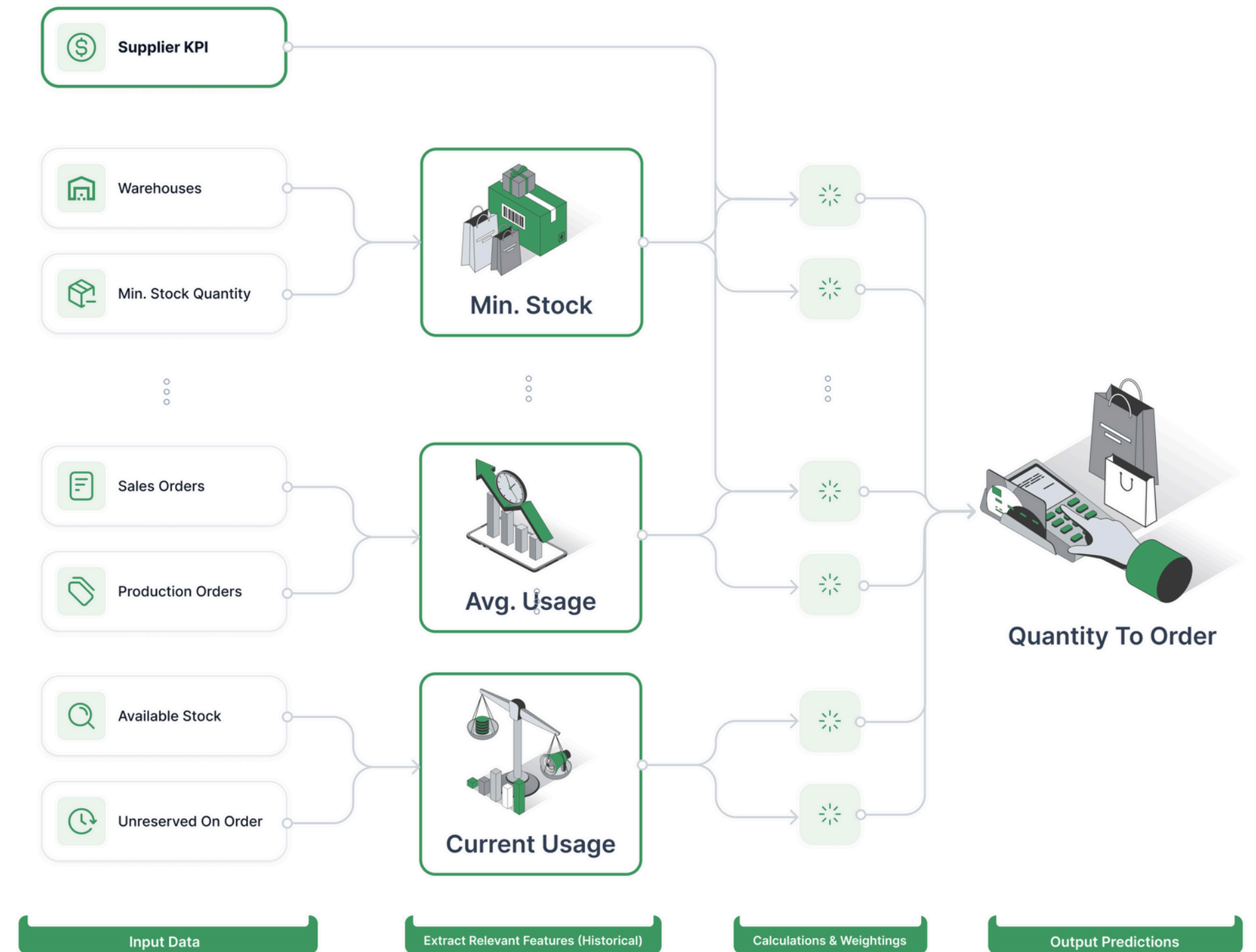
Production Plan Automation

Production Plan Automation involves the automatic creation and scheduling of production orders for various products and assemblies, along with their associated quantities.

It utilises multiple data sets, such as demand forecasting, production times, and stock holding requirements, to generate optimal production plan suggestions.

Production Facility

Sales Orders

Production Orders

Min. Stock Quantity

Min. Store Quantity

Workstations

Work Orders

Works in Progress

Product Information

Scheduling and Capacity

Quantity To Produce

Input Data

Extract Relevant Features (Historical)

Calculations & Weightings

Output Predictions

ArcFlow
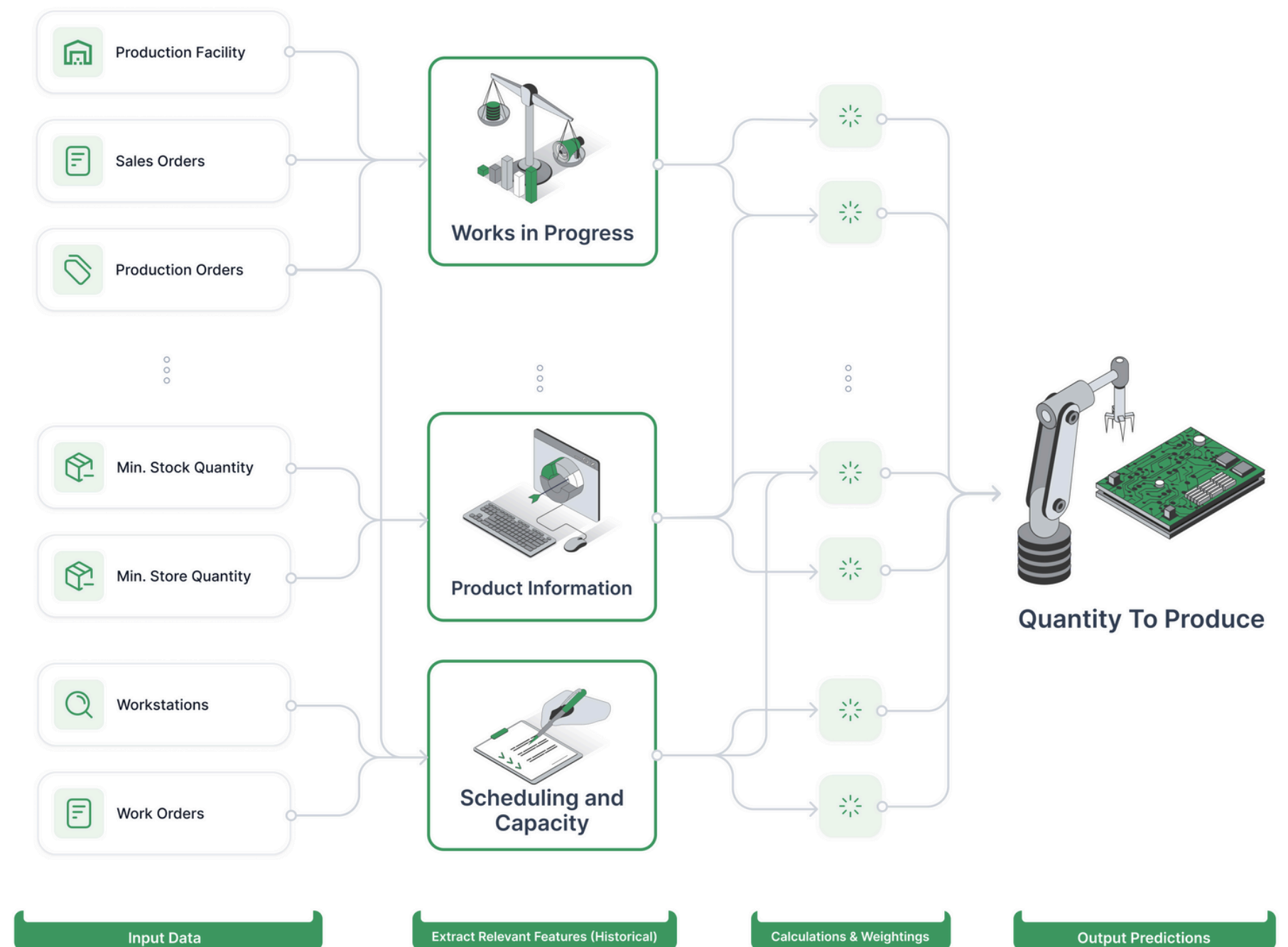
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Contact Us

✉️ matt.scott@arcflow.co

🌐 www.getarcflow.com

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