

The DDMRP Planning Blueprint: How Flogistix Moved Beyond MRP to a Responsive Planning Engine

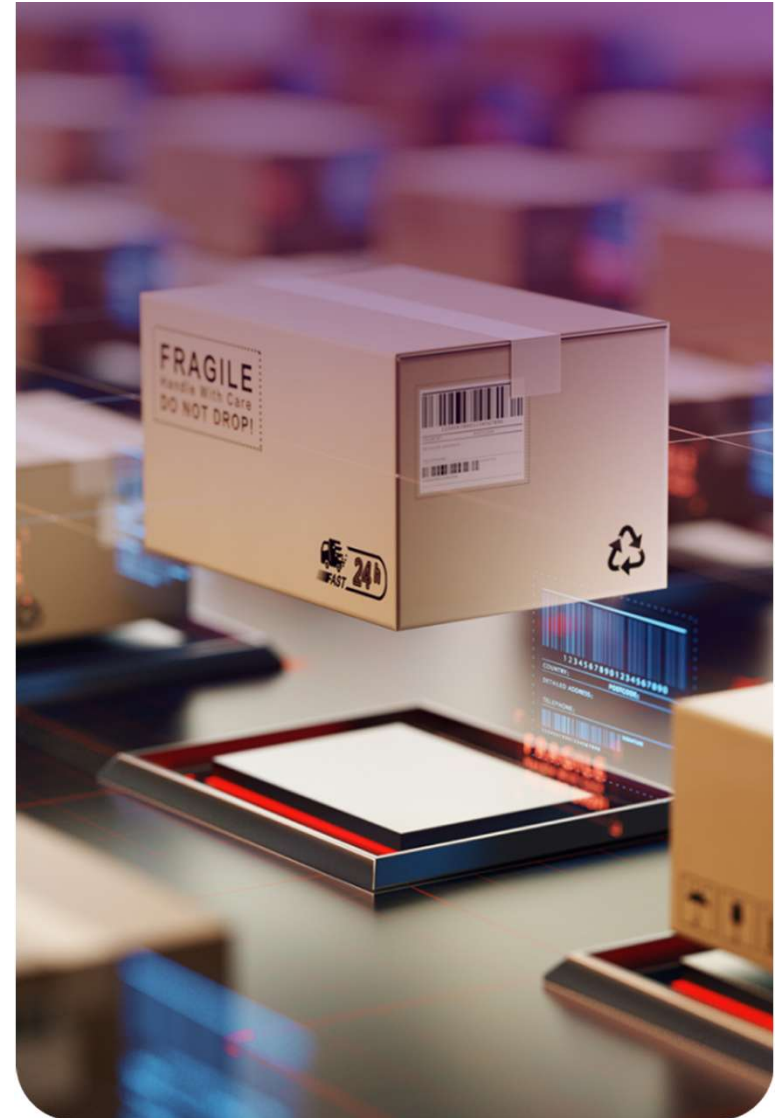


Brent Mosley
Director of Supply Chain

Flowco

Agenda

- ▶ Introduction
- ▶ Flowco and Flogistix
- ▶ MRP Background
- ▶ DDMRP Journey
- ▶ Results and Next Steps
- ▶ Q&A



Powering the World Through Innovation in Oil and Natural Gas Production

At Flogistix by Flowco, we are more than the sum of our parts. Born from the strategic merger of three industry leaders—Estis, Flowco Production Solutions (FPS), and Flogistix—we have united our expertise to provide a comprehensive suite of production optimization and methane mitigation solutions.

Flowco



ESTIS

FLOGISTIX



Flowco
Production Solutions

Flogistix by Flowco

Vapor Recovery

Methane Leak Detection

Production Optimization

15

Field Offices

25m+

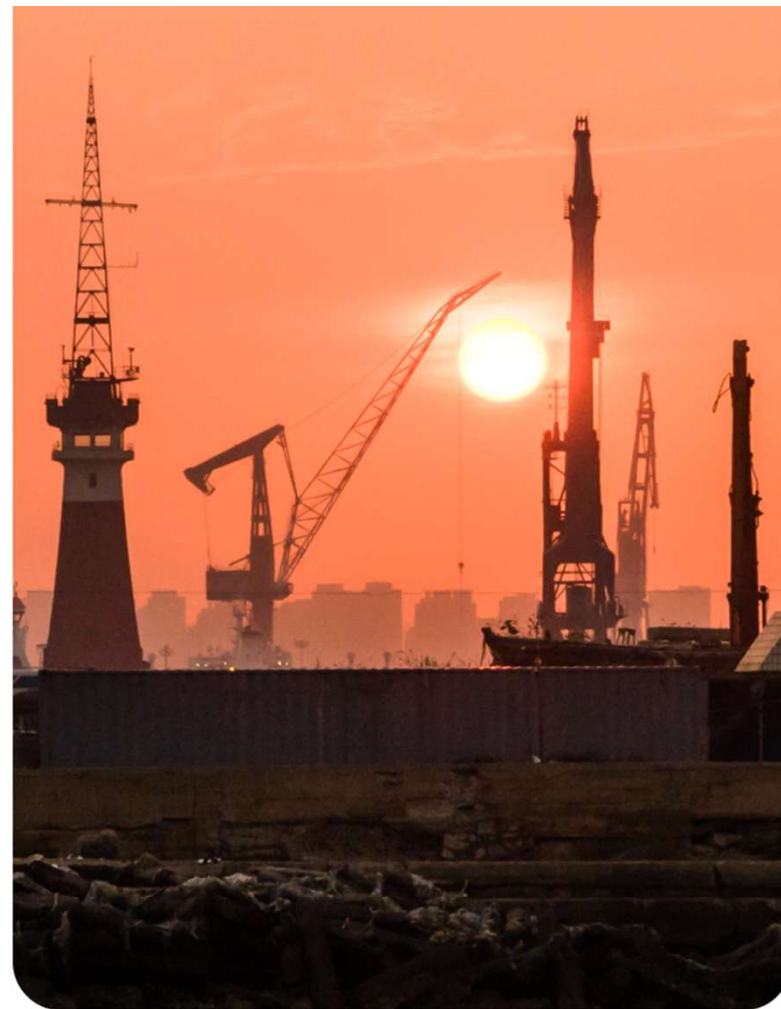
MT of CO₂e Rental Fleet
Removal Capacity

8,000+

Units

350

Customers



Manufacturing Capabilities

01

Warehouse

2 covered buildings
1 awning and yard

02

Machine Shop

CNC Plasma Table; CNC
Pipe Profiler; Shot Blast
Automation (future)

03

Bottle Shop

ASME Certified for PVs; 8
active bays with capacity
up to 28 bays

04

Fabrication

10 active bays with
capacity up to 28 bays

05

Pre-Paint Prep

Surface preparation for
paint, up to sandblast

06

Paint Booth

Divider to apply primer
and paint; process up to 6
units at once

07

Panel Shop

UL listed control panels
for hazardous locations
and VFD panels

08

Finish

4 active bays with
capacity up to 18 bays

09

Test Loop

4 active bays with
capacity up to 6 bays

10

Final Wash and Ship

Final wash and ship

Machine Shop



Bottle Shop



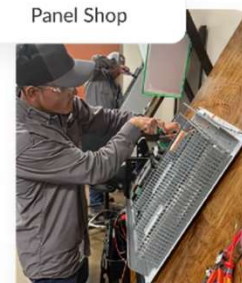
Fabrication Shop



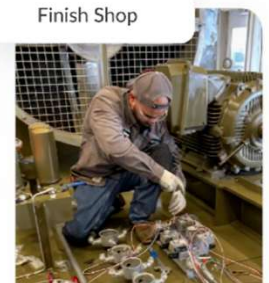
Paint Booth



Panel Shop

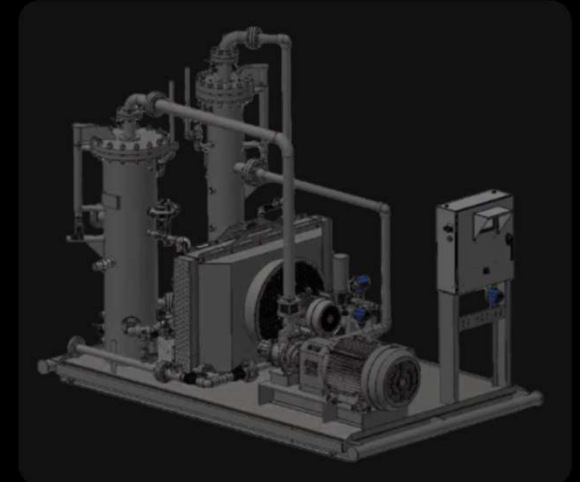
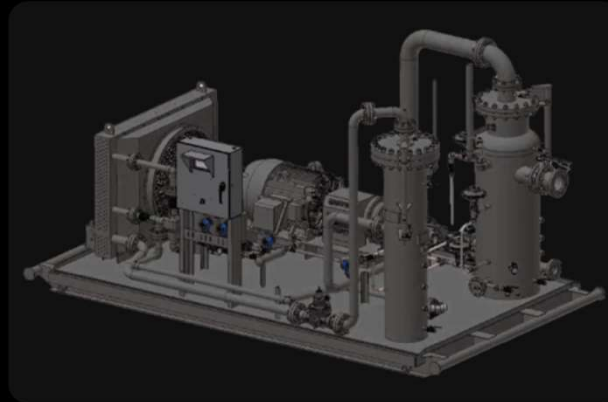
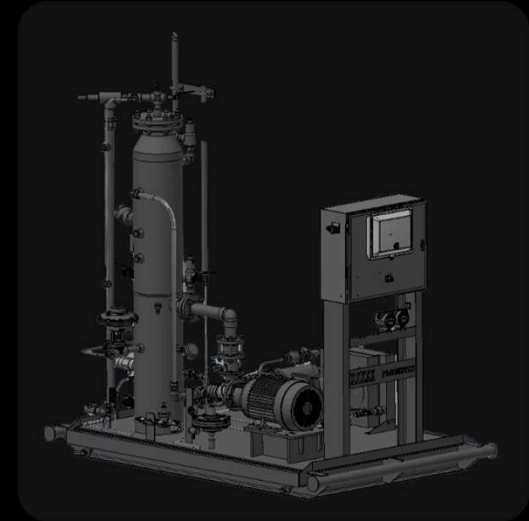
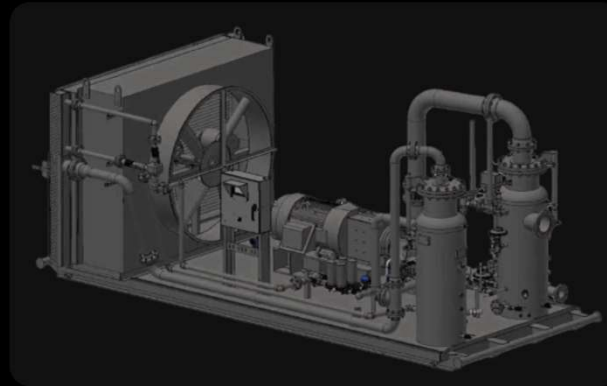


Finish Shop



Flogistix by Flowco

Through it's Flogistix brand, Flowco is at the forefront of emissions capture and natural gas monetization. We provide advanced vapor recovery units (VRUs) and compression solutions that help companies minimize their environmental impact while enhancing operational efficiency.



Supply Chain Realities

Thousands of SKUs

(17309)

Mix of Lead Times

Large BOM's

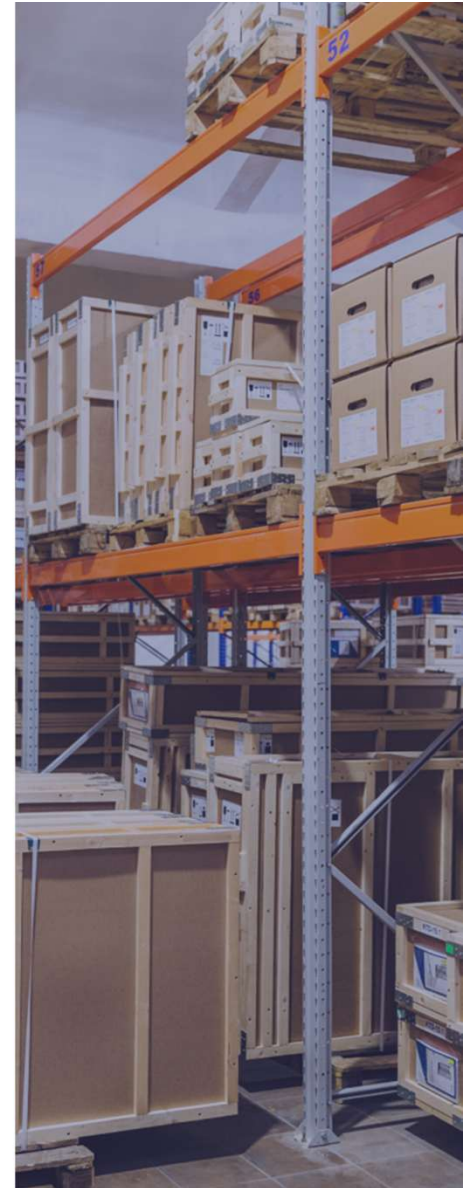
(1500 items)

Multiple Locations

Including manufacturing and field sites (15)

Planning on Spreadsheets

Individual Planning Strategies by Planner



MRP Hiccups

New ERP Implemented
in 2018

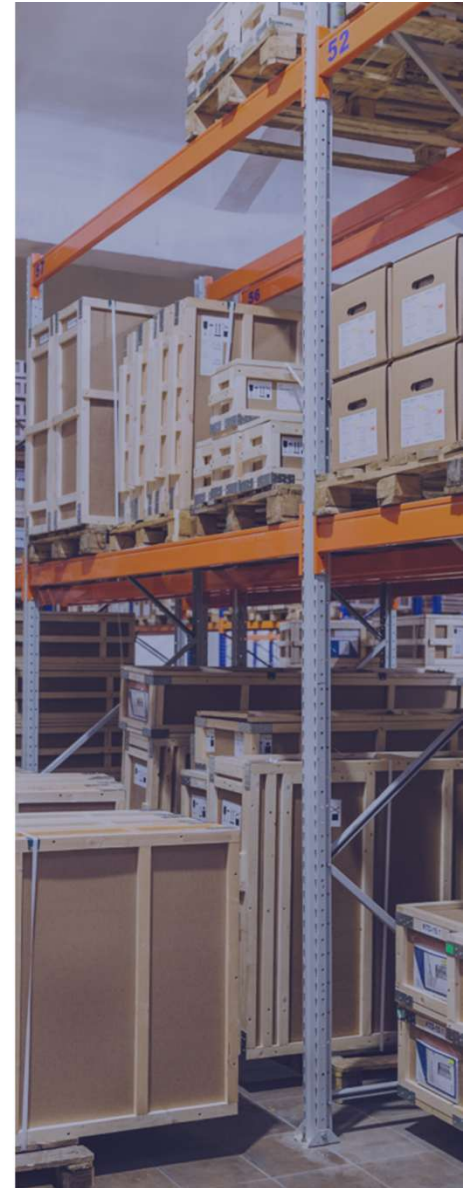
Supply Chain Gaps
Identified

Inability to Scale

Usability Friction

Performance Issues

Customization Requirements



Priorities for Flogistix by Flowco:



Gain better visibility



Establish a single source
of truth



Intuitive tool for users to
enhance decision making



Improve responsiveness
through process
improvements



Optimize inventory



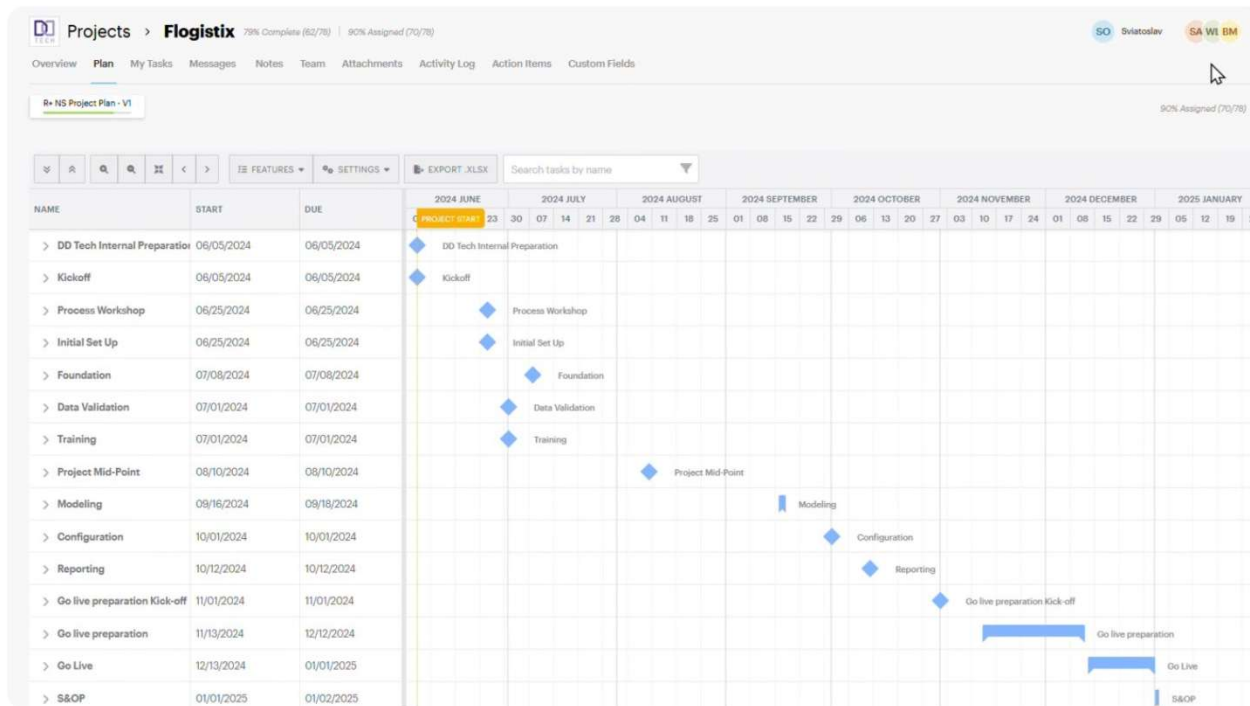
Why DDMP?

- 01 New S&OP Process
- 02 Exploring marketplace for different planning methods
- 03 Simulation results with Flogistix data
- 04 Loved ability to scale as M&A was on the roadmap
- 05 Transparent project timeline

DDMRP Journey

Workload

Typically 1 hour meetings once or twice per week as required



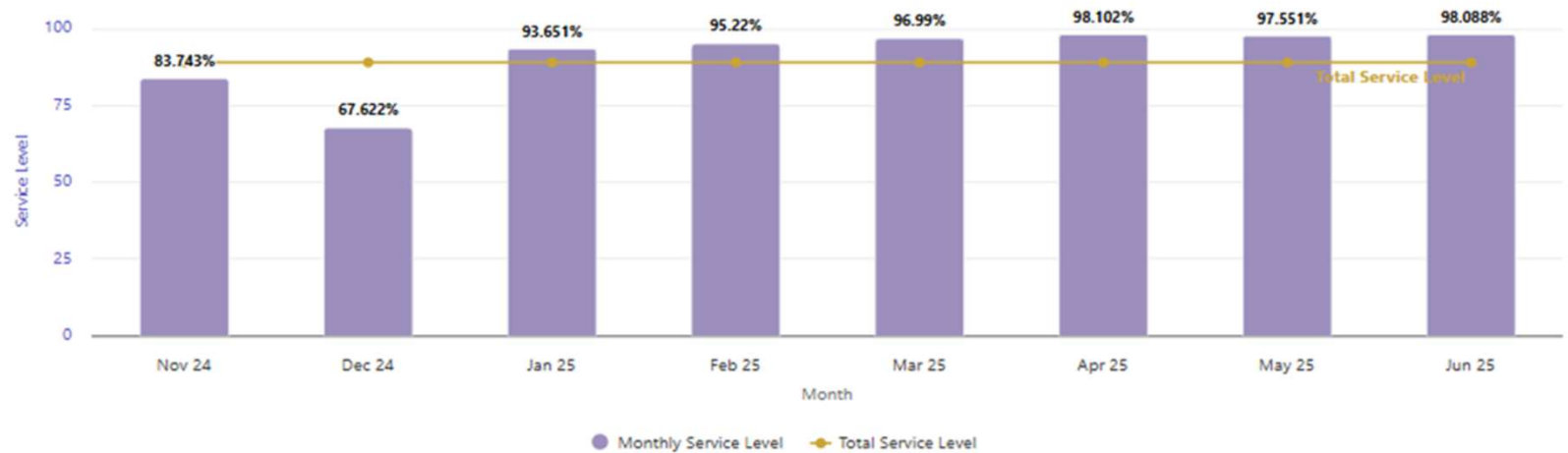
Focus change from forecast accuracy to operating model performance

Strategic Inventory Placement

Decoupling positions

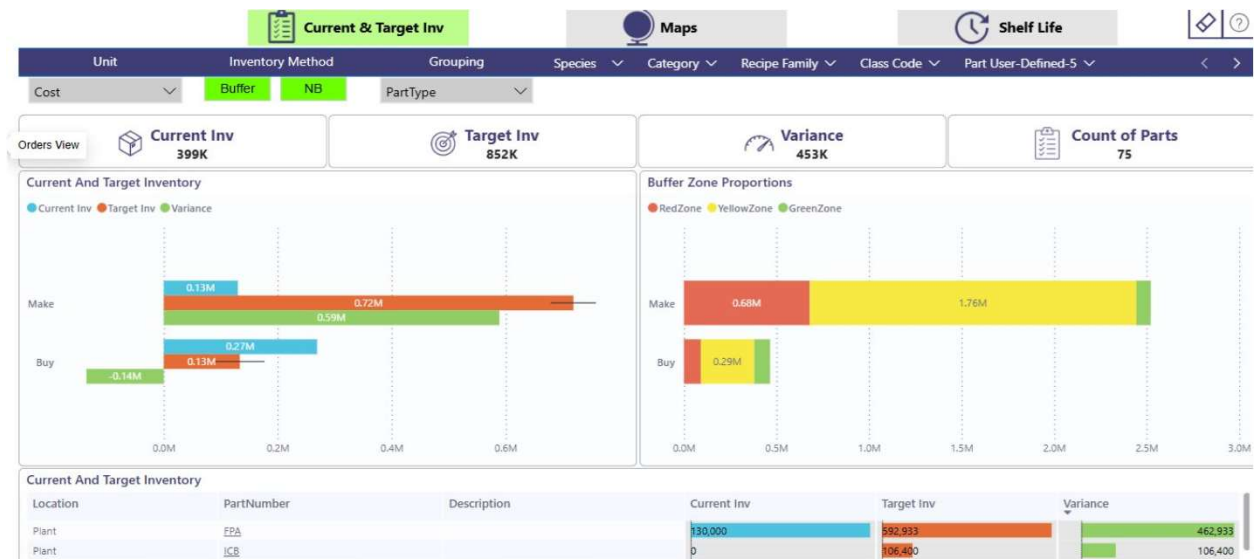
01 Service Level

- Poor service levels prior
- Lack of visibility of key metrics
- 5% Improvement



02 Inventory

- Immediately identified excess orders (OTOG)
- Identified overstocks based on usage
- Combined initiatives resulted in \$5M inventory reduction over 7 months



03 Visibility

- No item level visibility or visuals
- Orders were already “late”
- Clear BOM view

Bill of Materials EXPAND ALL COLLAPSE ALL									
EXPAND ALL COLLAPSE ALL DOWNLOAD									
Level	Item	Location	Supply Type	Member Qty	Total Qty	On Hand	Intuiflow Lead Time	Lead Time	Description
0	FPA	Plant	Make	1	1	130	35	10	Finished Part A
1	PPA	Plant	Buy	1	1	0	25	25	Stainless Steel rod 20 inch dia 6 feet long
1	SAE	Plant	Make	1	1	0	4	2	Sub-Assembly E
2	ICD	Plant	Make	1	1	0	2	2	Intermediate component D
3	PPC	Plant	Buy	1	1	0	10	10	Stainless Steel 60" Rod
2	PPB	Plant	Buy	1	1	0	10	10	Stainless Steel rod 10 inch dia 6 feet long
1	SAF	Plant	Make	1	1	0	2	2	Sub-Assembly F
2	ICB	Plant	Make	1	1	0	14	10	Intermediate component B
3	SAC	Plant	Make	1	1	0	4	2	Sub-Assembly C
4	ICA	Plant	Make	1	1	0	2	2	Intermediate component A
5	PPI	Plant	Buy	1	1	0	10	10	Aluminum 6 inch dia 6 feet long
4	PPJ	Plant	Buy	1	1	45	10	10	Stainless Steel rod 12 inch dia 6 feet long
2	SAD	Plant	Make	1	1	0	12	10	Sub-Assembly D
3	ICC	Plant	Make	1	1	0	2	2	Intermediate component C
4	SAB	Plant	Make	1	1	0	14	10	Sub-Assembly B
5	PPE	Plant	Buy	1	1	0	10	10	Copper rod 10 inch dia 6 feet long

Priorities

- One source of truth
- Clear order generation
- Alerting

Group Planning

☐ Hide Data Links
 ☐ Hide Custom Columns
 [MODIFY CUSTOM COLUMNS](#)
 Rows per page: 50 1-50 of 102

☐	Additional Data	View Record	Item	Location	Replenishment Type	Priority	Recommended Order	Order Qty	On Hand	On Order	Demand Allocations	Net Flow	Lead Time	Intuitflow Lead Time	Exp Receipt Date
☒	🔍	📄	425-1001	Plant	Make ▾	1-Critical	5,414	5414	1200	0	2732	-1532	45	45	5/5/2026
☒	🔍	📄	SAC	Plant	Make ▾	2-High	319	319	0	0	319	-319	2	4	3/25/2026
☒	🔍	📄	Component CC	Plant	Buy ▾	2-High	210	210	0	0	210	-210	1	1	3/22/2026
☐	🔍	📄	Component BB	Plant	Buy ▾	2-High	105		0	0	105	-105	1	1	3/22/2026
☐	🔍	📄	Component AA	Plant	Buy ▾	2-High	105		0	0	105	-105	1	1	3/22/2026
☐	🔍	📄	Polymer 1	Plant	Make ▾	2-High	10		0	0	10	-10	5	7	3/28/2026
☐	🔍	📄	201-1001	Plant	Buy ▾	3-Medium	44		36	0	0	36	20	20	4/10/2026
☐	🔍	📄	201-1004	Plant	Buy ▾	3-Medium	196		174	30	0	204	20	20	4/10/2026
☐	🔍	📄	360-1006	Plant	Buy ▾	3-Medium	676		128	720	0	848	120	120	7/19/2026
☐	🔍	📄	206-1006	Plant	Buy ▾	3-Medium	753		640	2150	0	2790	90	90	6/19/2026

WHAT WE LEARNED

Tips and Tricks

- Data validation
- Competing projects / priorities
- Team buy in



Next Steps:

January 2025

Flowco Holdings Inc. Announces
Launch of Initial Public Offering

-▶ Reviewing DDMRP roll-out to additional locations

