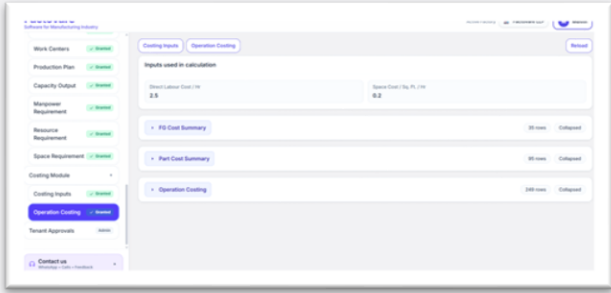
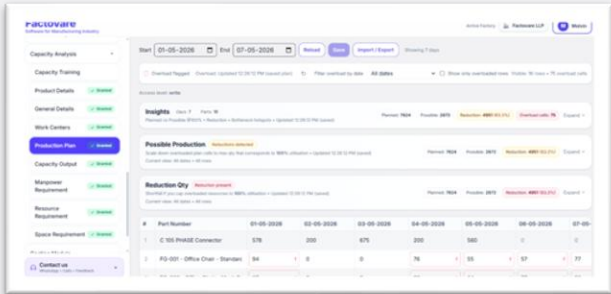


Factovare

Software for Manufacturing Industry

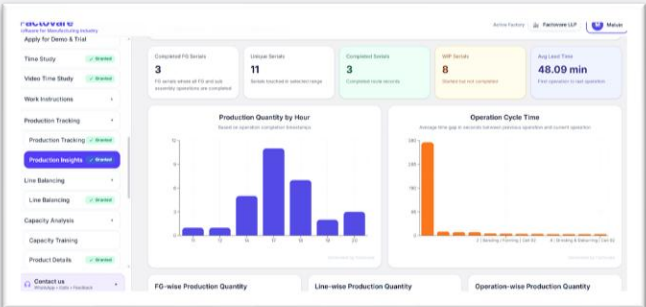
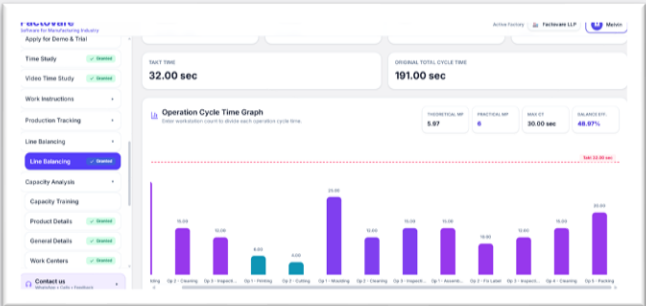
Modules of Factovare (Page 1 of 3)

Sl. No.	Module	Features
1	Capacity Analysis	Calculates Optimum Manpower
		Calculates Optimum Resources/Machines
		Calculates Optimum Space
		Identifies Bottle neck
		Stores Product details in a well organised way
		Conveys Production Capacity
		Helps to plan production based on resource capacity
		Calculates manpower skill wise and line/cell wise
		User friendly and concise Dashboards
2	Costing Module	Calculates and Display Manufacturing Cost of Each items
		FG Level, Sub assembly level and Operational level Costing



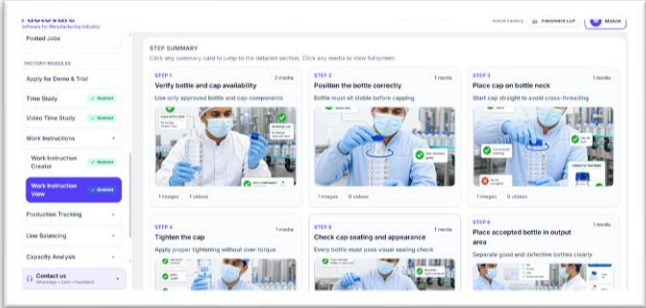
Modules of Factovare (Page 2 of 3)

Sl. No.	Module	Features
3	Line Balancing Module	Prepares Line Balancing Chart
		Auto optimise and arrange operations to match with takt time
		Calculates Optimum manpower/work station requirement
4	Production Tracking Module	Tracks each and every unique items in the Production floor.
		Maps serial number of FG with its serial number of sub assembly
		Know when each product/operation is processed, when and by whom
		Get real time production insights like Actual production qty, actual cycle time, actual lead time, etc.



Modules of Factovare (Page 3 of 3)

Sl. No.	Module	Features
5	Work Instructions Module	Digitize your work instructions with photos and videos.
		Easily update/revise work instructions and instantly make available to shop floor.
6	Time Study Module	No need to carry manual Stopwatch.
		No need to carry note pads.
		Directly data is saved to server with less data entry.
		Standardised Time Study Sheet.
		Calculates standard time required for your operations and save in a centralised way to use it in other modules.



Elements

Drag the handle [1] to rearrange the order.

Element name: **Pick the cap** | Interval: **No** | Mode: **Both** | Freq: **2** | Rating %: **100**

RA %: **0** | OA %: **0** | Missing: **1**

Observations (Sec) - count: 3

17.66	6.95	0.41	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

Avg Obs (Sec): **8.34** | Average Time (Sec): **16.68** | Standard Time (Sec): **16.68** | Max Obs Time (Sec): **16.68**

Position: Element 1, Obs 1

Buttons: **Set Target** | **Target Obs 1**

Benefits of using Factovare Capacity Module

You don't need to worry and spend time on below;

1. Manpower Calculation
2. Resource or Machine Requirement
3. Space Calculation

Instant Capacity Analysis

1. Know what is the maximum capacity of product.
2. What is the bottleneck resource and its cycle time.

Effortless production planning

1. Know which is the bottleneck resource, even if the product passes through most complicated process sequence.
2. Highlights the quantity where there is capacity issue. When hovered shows the resource details
3. Know what is the possible production with available resources.

Everything is done at the background without any manual intervention in a fraction of Seconds from your data.

Manpower Requirement Dashboard



Total rows: 114 • Matching now: 114

Reset filters

FG Part

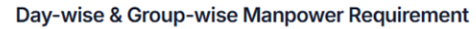
Cell

Manpower Group

Apply all

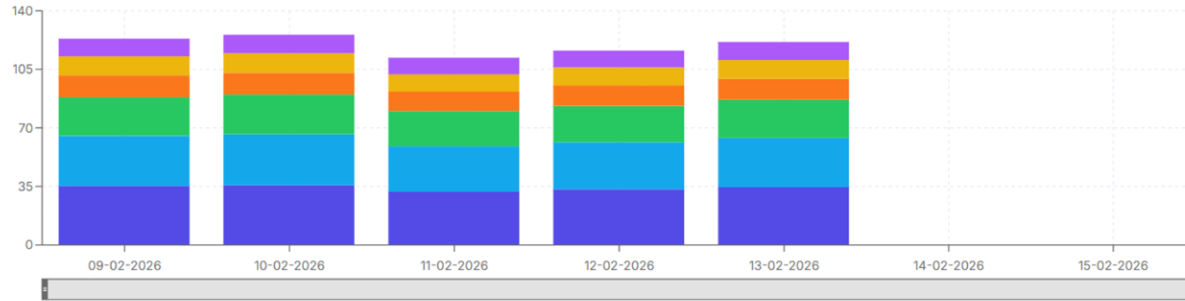
Apply all

Apply all



Stacked by Cell x Manpower Group (heads per day)

Show: **Top 6**

Manpower Requirement Summary — 09-02-2026

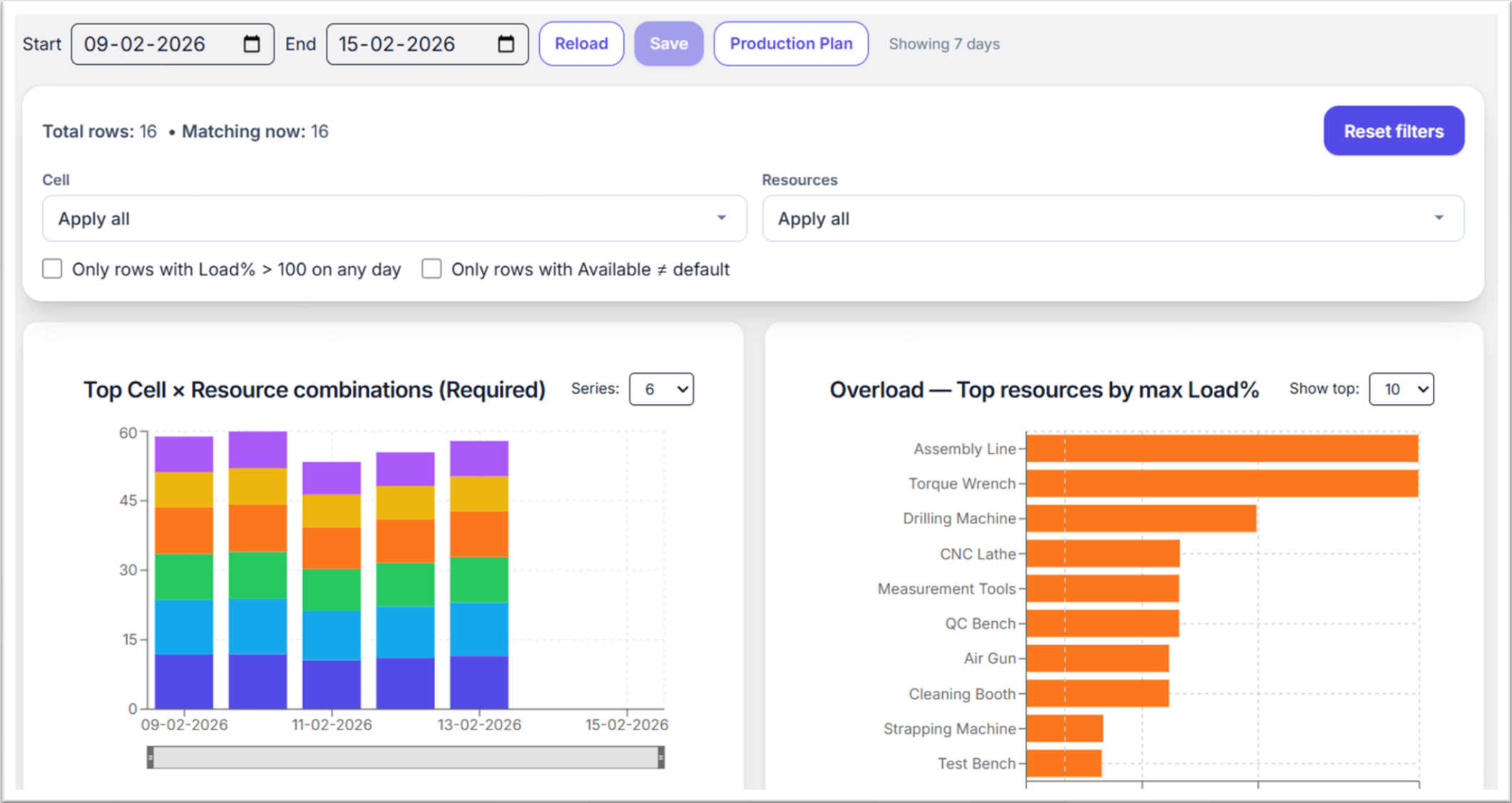
Manpower Group	Cell 01 Total: 15.57	Cell 02 Total: 35.39	Cell 03 Total: 13.02	Cell 05 Total: 41.30	Cell 06 Total: 28.91	Total 134.19
Assembly Line				29.86		29.86
Cleaning Team	10.59					10.59
Cutting Team	4.98					4.98
Electrical Team				11.44		11.44
Machining Team		35.39				35.39
Packing Team					5.85	5.85
Quality Team					23.05	23.05
Welding Team			13.02			13.02

Date: 09-02-2026 Total heads (all Groups x Cells): 134.19

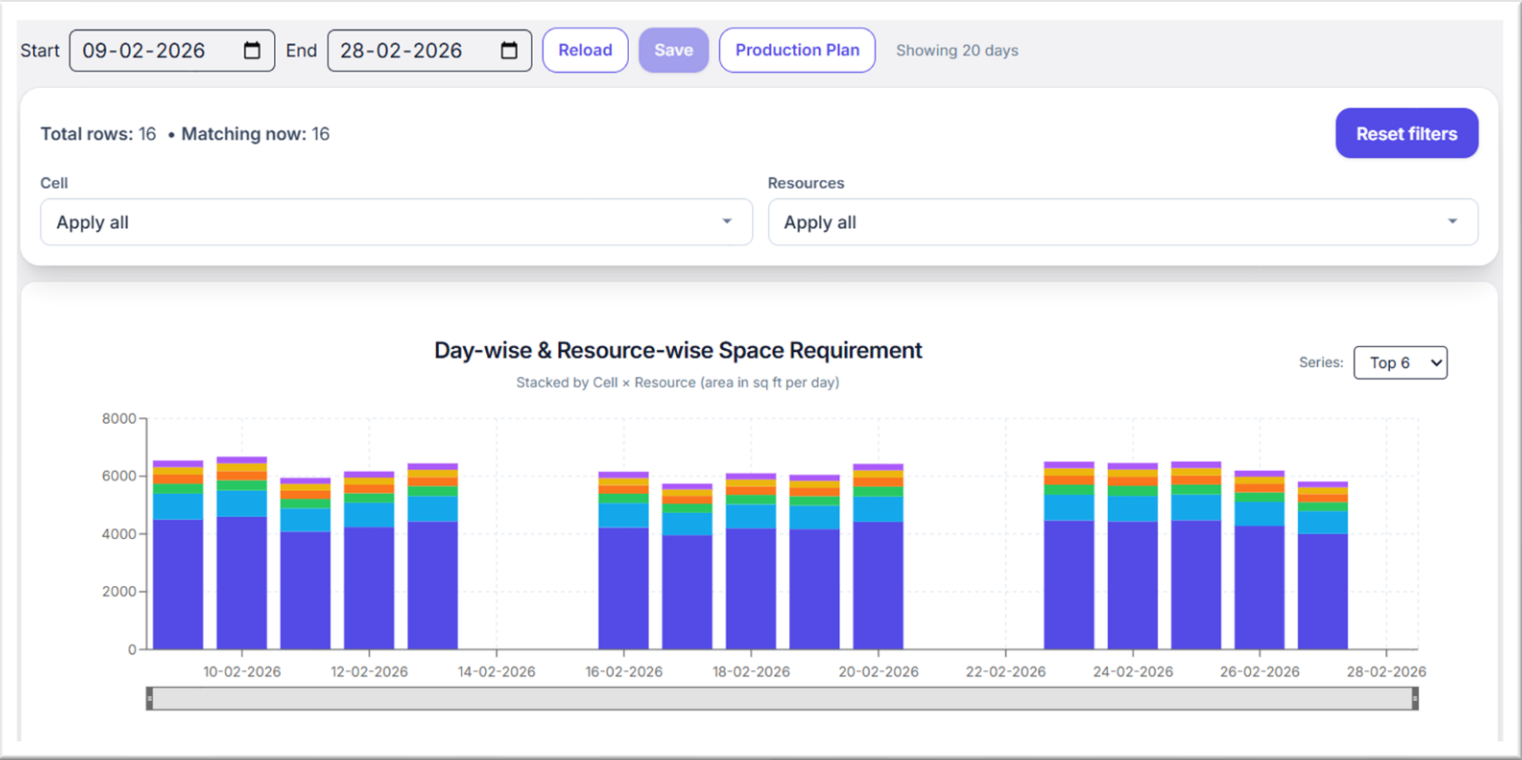
Day-wise, Cell-wise Manpower Requirement

Cell	09-02-2026	10-02-2026	11-02-2026	12-02-2026	13-02-2026
Cell 05	41.30	42.20	37.50	38.93	40.72
Cell 02	35.39	35.73	31.83	33.29	34.53
Cell 06	28.91	29.68	26.45	27.27	28.65
Cell 01	15.57	16.03	14.40	14.71	15.51
Cell 03	13.02	12.94	11.54	12.16	12.50

Resource Requirement Dashboard



Space Requirement Dashboard



Space Requirement Summary — 09-02-2026						
Area (sq ft) by Resource x Cell for the selected day						
Resource	Cell 01	Cell 02	Cell 03	Cell 05	Cell 06	Total
	Total: 542.31 sq ft	Total: 1213.24 sq ft	Total: 362.42 sq ft	Total: 4892.82 sq ft	Total: 364.83 sq ft	7375.62 sq ft
Air Gun	341.97					341.97 sq ft
Assembly Line				4498.23		4498.23 sq ft
Cleaning Booth	15.32					15.32 sq ft
CNC Lathe		896.21				896.21 sq ft
Cutting Machine	17.77					17.77 sq ft
Cutting table	167.25					167.25 sq ft
Drilling Machine		317.03				317.03 sq ft
Measurement Tools					95.23	95.23 sq ft
MIG Welding Machine			231.24			231.24 sq ft
Packing Table					54.57	54.57 sq ft
QC Bench					174.1	174.1 sq ft

Effortless Production Planning

Start

09-02-2026

End

15-02-2026

Reload

Save

Import / Export

Showing 7 days

☐ Overload flagged

Overload: Updated 5:57:05 PM (saved plan)

Filter overload by date

All dates

☐ Show only overloaded rows

Visible: 15 rows • 75 overload cells

Insights

Days: 7

Parts: 15

Planned: 5793

Possible: 658

Reduction: 5134 (88.6%)

Overload cells: 75

Expand

Planned vs Possible @100% • Reduction • Bottleneck hotspots • Updated 5:57:05 PM (saved)

Possible Production

Reductions detected

Planned: 5793

Possible: 658

Reduction: 5134 (88.6%)

Expand

Scale down overloaded plan cells to max qty that corresponds to 100% utilisation • Updated 5:57:05 PM (saved)

Current view: All dates • All rows

Reduction Qty

Reduction present

Planned: 5793

Possible: 658

Reduction: 5134 (88.6%)

Expand

Shortfall if you cap overloaded resources to 100% utilisation • Updated 5:57:05 PM (saved)

Current view: All dates • All rows

#	Part Number	09-02-2026	10-02-2026	11-02-2026	12-02-2026	13-02-2026	14-02-2026	15-02-2026
1	FG-001 - Office Chair - Standard	55	86	90	52	83	0	0
2	FG-002 - Office Chair - Mesh Back	97	57	71				0
3	FG-003 - Study Table - Compact	57	83	63				0

Overload detected (max load: 352.00%)
Cell 01 • Cleaning Booth • Req:3.32 • Avl:1.00 • Load:332.00%
Cell 01 • Air Gun • Req:3.32 • Avl:1.00 • Load:332.00%
Cell 06 • QC Bench • Req:7.04 • Avl:2.00 • Load:352.00%
Cell 06 • Measurement Tools • Req:7.04 • Avl:2.00 • Load:352.00%

Instant Capacity Analysis

Capacity info — 258796

Sorted by weakest output/hr • showing top 4 cells

Weakest: Bottle Assembly Cell 34.64/hr

Interpretation
Short bars = bottleneck risk. Fix weakest cell first.

Output / Hour
34.64

Output / Shift
277.14
Hours/shift: 8.00

Output / Day
831.42
Shifts/day: 3

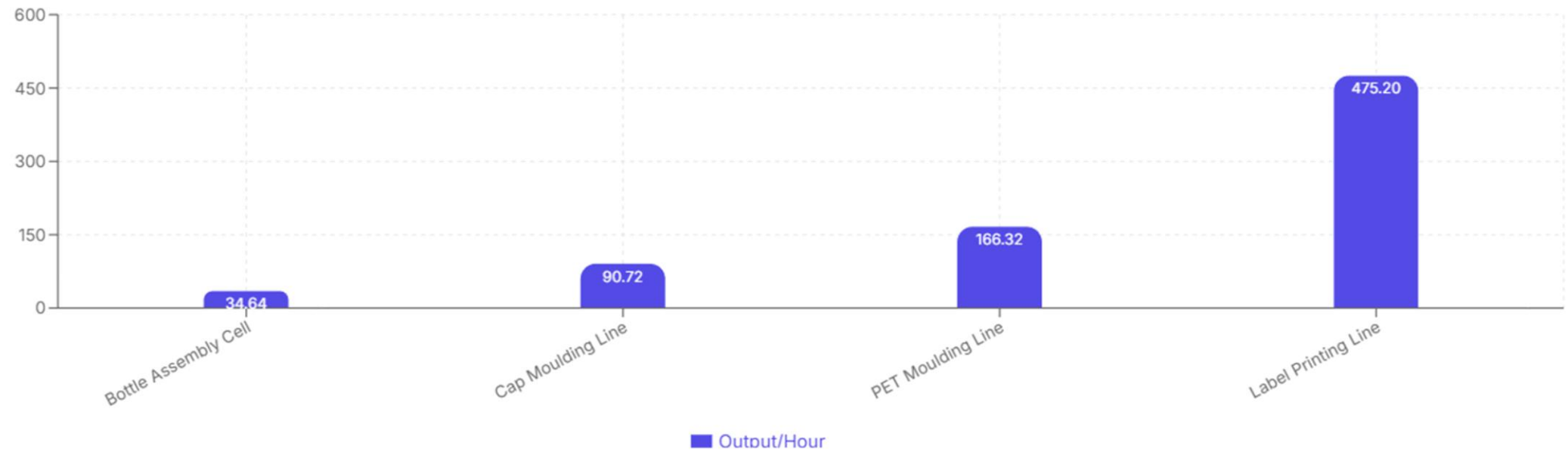
Bottleneck Resource
Assembling Table
Cell: Bottle Assembly Cell

Bottleneck Details
Avl Qty: 1.00
Cycle: 61.83 sec

Output / Hour by Cell / Line

Bars show the weakest (minimum) Output/hr for each cell in the current scope.

Tip: hover bars for details



Benefits of using Factovare Time Study Module

50% Reduction in your Time Study time

1. Zero manual writing of time study data in Note pad or paper
2. This will eliminate duplicated manual entry of data to system
3. No physical stopwatch needed

Organised and Standardized

1. Standardised Time Study Sheets, reports and Dashboards
2. Product level organised cycle time data

Centralised Time Study Data

1. Since cycle time is the base of factory the output of Time Study module can be used for other modules also.

Time Study Module

Time Study19 FG

Click FG → (FG operations + sub-assemblies + orphaned). Sheets are per operation.

Search FG...Orphans only

FG Part Number

FG Std (sec)

Last Updated

258796

115.19

1/3/2026, 1:06:48 PM

FG-001 - Office Chair - Standard

0.00

—

FG-002 - Office Chair - Mesh Back

0.00

1/6/2026, 11:22:28 AM

FG-003 - Study Table - Compact

0.00

—

FG-004 - Study Table - Heavy Duty

0.00

—

FG Part Number

FG Std (sec)

Last Updated

258796OPEN

115.19

1/3/2026, 1:06:48 PM

FG: 258796Operations + Sub-assemblies

FG OperationsHide Ops

Operations (from Product Details)

FG 258796 • Part 258796

Op No.

List of Operations

Cell/Line

Sheet Std (sec)

Rev

Sheet

1

Assemble Cap

Bottle Assembly Cell

32.01

5

Open

2

Fix Label

Bottle Assembly Cell

25.56

4

Open

3

Inspection

Bottle Assembly Cell

25.02

3

Open

4

Cleaning

Bottle Assembly Cell

23.14

2

Open

5

Packing

Bottle Assembly Cell

0.00

7

Open

FG

258796

Part

Operation No.

2587961

Revision: 5 • Updated: 12/21/2025, 3:33:54 PM

Total Standard Time (sec)

32.01

Total Man Std Time (sec)

32.01

Total Normal Time (sec)

32.01

Total Avg Obs (sec)

23.67

Machine Utilisation

100.0%

Std(Auto+Both): 32.01 sec

Manpower Utilisation

100.0%

Std(Manual+Both): 32.01 sec

Rules: Auto excludes from Total Man Std. Manual/Both included in both totals. Internal element is excluded from ALL totals.

Stopwatch

Target: Pick the cap • Obs 1 / 25

Current element time

00:00.00

Total run time

00:00.00

Start

Split →

Reset

Tip: Add all elements first, then use Start and press Split for each element. It fills Obs 1 across Element 1 → Element N, then moves to Obs 2, and so on.

Elements

Drag the handle (⋮) to rearrange the order.

+ Add element

Element name

Timing now • Obs 1

Internal

Mode

Freq

Rating %

#1

Pick the cap

No

Both

2

100

RA %

OA %

Manning

0

0

1

Delete

Observations (sec) • count: 3

17.66

6.95

0.41

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Avg Obs (sec)

8.34

Normal Time (sec)

16.68

Standard Time (sec)

16.68

Man Std Time (sec)

16.68

Pointer: Element 1, Obs 1

Set Target

Target Obs 1

Video Time Study Module for Continuous Monitoring

FACTOVARE • TIME STUDY

Video Time Study

— Assemble Cap

Time Study No —

Status Camera Off

Threshold 7.999

Live motion —

No video saved. Cycles saved under FG+Part+OpNo sheet → session.

Unsaved new 0

Sheet identity (FG + Part + Operation)

This decides where your cycles will be stored. Double-check before saving.

Time Study Number

FG Part Number

Part Number

Operation No

—

258796

258796

1

Display only

Required

Required

Required

Operation Name

Assemble Cap

Revision 3

Total cycles 2

Display only

Live Camera

Click-drag to draw ROI (hands/fixture area). Keep ROI tight.

Start camera

Clear ROI

Calibrate (5s)

Start detection

Detected cycles

Boundary = repeat peak → peak.

Cycles 2

Avg (s) 6.83

Median (s) 6.83

Range (s) 5.26–8.39

#

Start

End

Live Camera

Click-drag to draw ROI (hands/fixture area). Keep ROI tight.

Start camera

Clear ROI

Calibrate (5s)

Start detection

ROI: 32% × 64%

Detected cycles

Boundary = repeat peak → peak.

Cycles 2

Avg (s) 6.83

Median (s) 6.83

Range (s) 5.26–8.39

#	Start	End
1	20 Mar 2026, 05:10:42 pm	20 Mar 2026, 05:10:42 pm
2	28 Mar 2026, 08:36:23 pm	28 Mar 2026, 08:36:23 pm

Practical setup checklist

- Mount camera fixed (no shake). Keep same angle.
- ROI must avoid background movement (people walking behind).
- Recalibrate if lighting changes or operator changes speed.
- Before saving: confirm FG/Part/OpNo above (sheet mode).

Detection settings

Tip: If false cycles happen, increase cooldown & tighten ROI.

Sample FPS

Min cycle (ms)

Max cycle (ms)

Cooldown (ms)

12

3000

120000

1000

Benefits of using Line Balancing Module

You don't have to struggle with:

1. Unbalanced lines causing idle time
2. Too many or too few operators
3. Trial-and-error workstation setup
4. Manual Excel calculations

What you gain instantly:

1. Right manpower, every time
2. Perfect workstation distribution
3. Clear visibility of bottlenecks
4. Higher line efficiency
5. Confidence in every decision

Optimise through Line Balancing Module



Benefits of using Work Instruction Module

You don't have to struggle with:

1. Paper-based or outdated work instructions
2. Operators doing the same work in different ways
3. Training new operators repeatedly with old work instructions
4. Missing or unclear process steps

What you gain instantly:

1. One standard way of doing work
2. Clear visual instructions for operators
3. Faster operator training
4. Controlled revisions and updates
5. Reduced dependency on supervisors

Digital Work Instructions

Assemble Cap Work Instruction

Status: ACTIVE

Revision: 1

Back

This instruction explains how to assemble and secure the bottle cap correctly to ensure sealing quality, product safety, and smooth downstream processing.

FG PART NUMBER

258796

PART NUMBER

258796

OPERATION

Assemble Cap

CELL / LINE

Bottle Assembly Cell

RESOURCES

Assembling Table

PPE

Safety shoes, hand gloves, hair cover, face mask

REQUIRED TOOLS

Capping fixture, bottle holding guide, inspection light, rejection bin

MEDIA SUMMARY

6 steps • 7 files • 6 images • 1 videos

STEP SUMMARY

Click any summary card to jump to the detailed section. Click any media to view fullscreen.

STEP 1

2 media

Verify bottle and cap availability

Use only approved bottle and cap components



STEP 2

1 media

Position the bottle correctly

Bottle must sit stable before capping



STEP 3

1 media

Place cap on bottle neck

Start cap straight to avoid cross-threading



Benefits of using Costing Module

You don't have to struggle with:

1. Guessing product cost using rough estimates
2. Separate Excel sheets for manpower, machine, and space
3. Inconsistent costing across products

What you gain instantly:

1. Accurate product cost at every level
2. Complete cost visibility
3. Standardized costing method
4. Faster decision making

Costing Module

▼ FG Cost Summary

35 rowsExpanded

Filter FG summary

Reset filters

FG Part Number

Apply all

FG Part Description

Apply all

FG Part Number	FG Part Description	Part Count	Operations	Subcontract Ops	Manpower Cost / Unit	Resource Cost / Unit	Space Cost / Unit	Total Cost / Unit
258796	Packaged Water Bottle	4	13	0	0.187636	0.021718	0.285015	0.494371
A 110 bottle	bottle	1	1	0	0.123787	0	0	0.123787
A-110 Bottle		1	1	0	0.186558	0	4.886903	5.073461
C 112 -Bare relay		1	1	0	0.15588	0	0.309568	0.465448
C-401 Magnet	Magnet	1	1	0	0.074591	0	0.036672	0.111263
C101 Coil Pin	Coil pin	1	1	0	0.063828	0	0.056612	0.120439
C102- Connectors		1	1	0	0.241882	0	0.307433	0.549316
C104		1	1	0	0.000167	0	0.000147	0.000314
C111 Cable		1	1	0	0.507450	0	1.300000	1.807450

Costing InputsOperation Costing

Reload

Inputs used in calculation

Direct Labour Cost / Hr

2.5

Space Cost / Sq. Ft. / Hr

0.2

▸ FG Cost Summary

35 rowsCollapsed

▸ Part Cost Summary

95 rowsCollapsed

▸ Operation Costing

249 rowsCollapsed

A. MANPOWER SAVINGS

Optimize manpower. Reduce cost. Improve productivity.

! PROBLEM (Today)

- Overstaffing due to guesswork
- Understaffing → delays + overtime

✓ WITH FACTOVARE

- Exact manpower based on demand + time study



Right People. Right Work.
Right Time.

EXAMPLE FROM A FACTORY



50

Total Operators
in Factory

×



1

Extra Operator
per Line

×



₹15,000

Average Cost per
Operator / Month

=

₹15,000

Wasted Cost
per Line / Month



5

Operators
Optimized

→



₹75,000

Savings per Month

₹9,00,000 Savings per Year

WHY IT MATTERS



Lower Labor Cost

Eliminate unnecessary
manpower and reduce
monthly expenses.



Higher Productivity

Right manpower at the right
place increases output and
efficiency.



Better Planning

Plan with accuracy using
real data and time studies.

IMPACT ON YOUR FACTORY



Total Operators

50



Extra Operators
(Estimated)

5



Cost per Operator / Month

₹15,000



Your Monthly Saving

₹75,000



Your Annual Saving

₹9,00,000



Even small optimization in manpower leads to huge savings every month!

Your ROI with Factovare

Software Cost
(Example Plan)

₹20,000
/ Month



Your Saving
(Per Month)

₹75,000

ROI

3.75X Every Month!

Get more than 3X return every month.

ROI and Savings shown here is an example to understand how to calculate ROI. You need to consider your actual cost of Factovare and actual savings to calculate actual ROI.

B. PLANNING TIME REDUCTION

Save engineering time. Focus on improvement, not manual calculations.

! PROBLEM (Today)



Engineers spending hours in Excel

✓ WITH FACTOVARE



Instant calculation + simulation



Right Data. Right Decisions.
Right Time.

HOW TIME & MONEY ARE LOST EVERY DAY



₹3,000 / Day
Wasted Cost



₹90,000
Wasted Cost / Month

₹10,80,000 Wasted Cost / Year

WHAT COULD YOUR ENGINEERS DO INSTEAD?



Analyze & Improve Processes
Add more value to operations



Work on Continuous Improvement
Drive productivity & quality



Focus on Innovation & Projects
Build systems that create growth



Support Production Better
Make faster & better decisions

YOUR ROI WITH FACTOVARE

Software Cost
(Example Plan)
₹20,000 / Month



Your Saving
(Per Month)
₹90,000

ROI

4.5X

Every Month!

Get more than 4X return every month.

ROI and Savings shown here is an example to understand how to calculate ROI. You need to consider your actual cost of Factovare and actual savings to calculate actual ROI.

C. PRODUCTION EFFICIENCY GAIN

Optimize your line. Eliminate waste. Increase output & profits.

! PROBLEM (Today)



Imbalance, bottlenecks,
idle time

✓ WITH FACTOVARE



Optimized
line balancing

💡 EXAMPLE

- 5% efficiency improvement in a ₹50 lakh/month production

👉 ₹2.5 lakh value increase

HOW EFFICIENCY IMPROVEMENT CREATES REAL VALUE



Small improvement. Big impact on your bottom line.

USE FACTOVARE KEY MODULES TO ACHIEVE THIS



1. CAPACITY ANALYSIS

- Calculate exact capacity
- Identify constraints
- Plan optimal resources
- Eliminate guesswork



2. LINE BALANCING

- Balance workload across stations
- Remove bottlenecks
- Reduce idle time
- Improve line efficiency



Higher Output
Lower Cost
More Profit

YOUR INVESTMENT

Factovare Monthly Cost

₹25,000/-
per month

YOUR RETURN (Every Month)



Value Increase

₹2,50,000



Net Value Gain

₹2,25,000



ROI

10X

THE RESULT



Better
Utilization



Higher
Output



Higher
Profitability

More output with the same resources.
That's **Real Efficiency!**

ROI and Savings shown here is an example to understand how to calculate ROI. You need to consider your actual cost of Factovare and actual savings to calculate actual ROI.

Factovare Software Pricing (Page 1 of 2)

Sl. No.	Module	Features	No of Users	Price Per Month (Billed Annually) Excl. Tax
1.	Capacity Analysis (Mandatory Module – Base of all modules)	• Product Details • Manpower Calculation • Resource Calculation • Space Calculation • Production Plan • General Details • Work Centers • Capacity Output	5	INR 20,000/-
2.	Costing Module	• FG Level cost • Sub assembly level cost • Operation level cost	5	INR 5,000/-
3.	Line Balancing Module	• Auto calculates optimised balancing state based on takt time • Auto Calculates theoretical manpower and optimum manpower • Calculates Line Balancing Efficiency	5	INR 5,000/-

Factovare Software Pricing (Page 2 of 2)

Sl. No.	Module	Features	No of Users	Price Per Month (Billed Annually) Excl. Tax
4	Production Tracking	• Tracks each and every subassembly and FG. • Will be able to know who processed and when • FG serial no and sub assembly Serial no mapping • Production Insights	10	INR 10,000/- Additional INR 200/- per user
2.	Work Instructions	• Digitize your work instruction creation, revision and display • Upload Photos • Upload Videos • User role based access	20	INR 30,000/-
3.	Time and Motion Study Module	• Digital Time study Module • Digital Video Time Study Module	5	INR 9,000/-

Security & Data Privacy at Factovare

No unauthorized access to Factovare dashboards

Factovare admins or anyone else **cannot access your factory dashboard** without explicit approval.

Customer-owned database option

You can choose to **use your own database server** (for example, your own cloud account or your company server) to store your data.

Encrypted database connections

All database connection details are **encrypted before storage** and are never stored in plain text. And we have strict control on who can access the connection details on our data base.

Strict access control & approvals

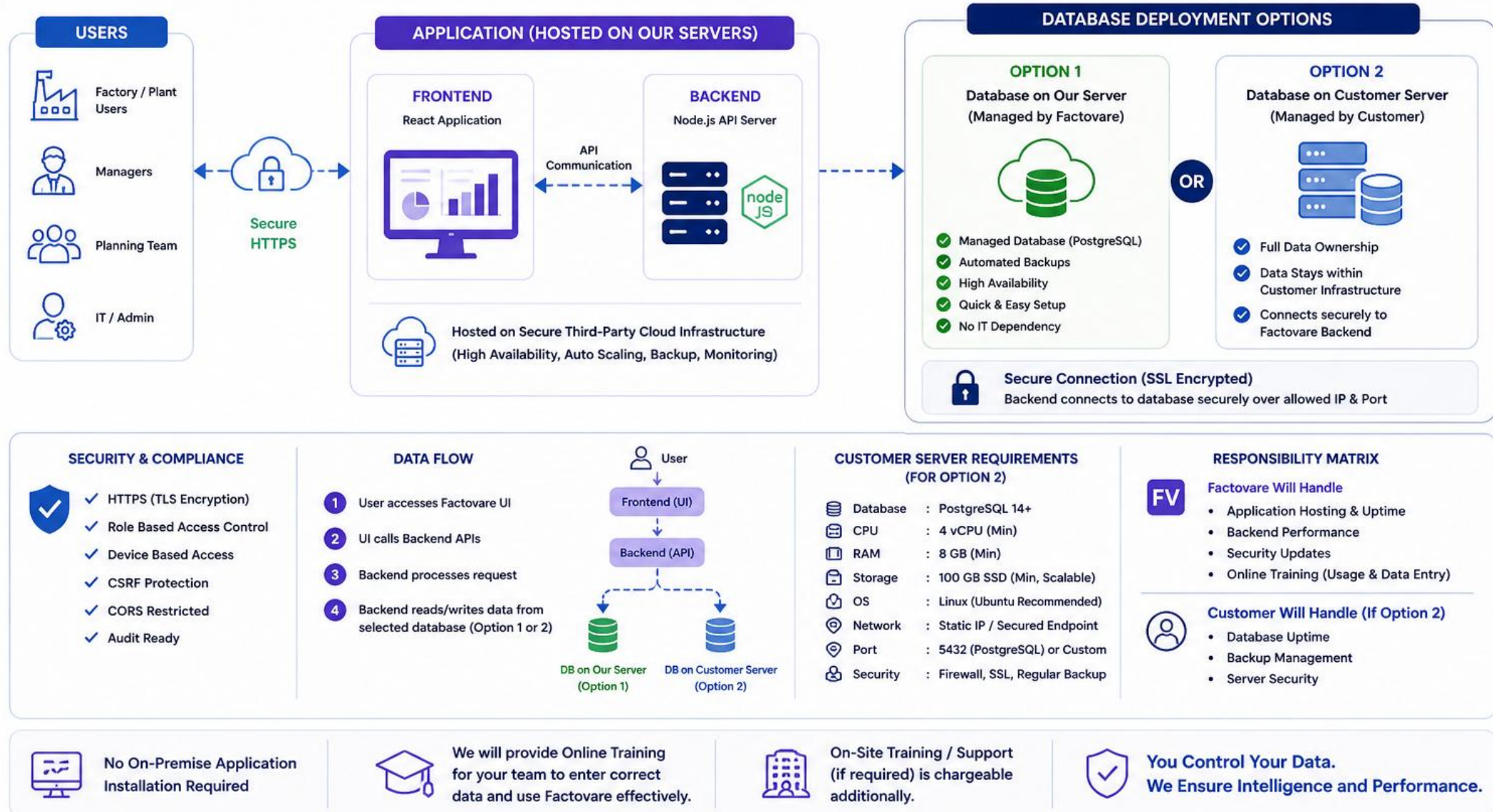
Data access is governed by **factovare admin approval, device approval, and factory-level authorization**.

Isolated tenant architecture

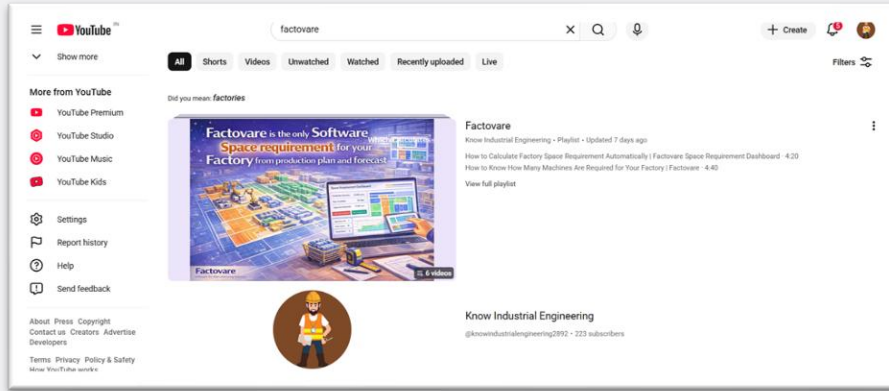
Each factory's data is **logically isolated**, ensuring no cross-factory visibility.

FACTOVARE SOFTWARE DEPLOYMENT ARCHITECTURE

Application on Our Servers | Database – Flexible Deployment Options



Thank You and What's Next?



Watch YouTube Demo Videos

Register for our Training and Certification

Activate one Month Free Trial (Full Access)