

**Shaping the Future of Supply Chain with Cutting-Edge Technology to
track Man-Machine-Material anytime, anywhere**

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Team – Background

27 Technical & Domain Experts
working together for years



Team – Coming together

With shared Dreams, trust,
purpose and a common goal



Company – Formation

Incorporated early 2025,
Headquartered in Bangalore



Company's – Current Position

ready, running Pilots and we
are in revenue generation
phase



Our Vision

To be a Leader in Empowering businesses with AI-driven
platforms that simplify, innovate, and accelerate sustainable
growth



Our Mission

Build domain-agnostic supply chain, Manufacturing
Execution and ERP solutions integrated with smart
hardware & lean transformation services



Track from Root to Retail

End-to-end visibility isn't optional.
It's your superpower.

Track every step, optimize every move,
and unlock the power of connected
manufacturing



Green Manufacturing

Efficiency meets sustainability.

With the right tech that enables
faster, leaner and greener world
class manufacturing



Smarter Decisions, Smarter Manufacturing

AI meets the factory floor. From reactive to
proactive

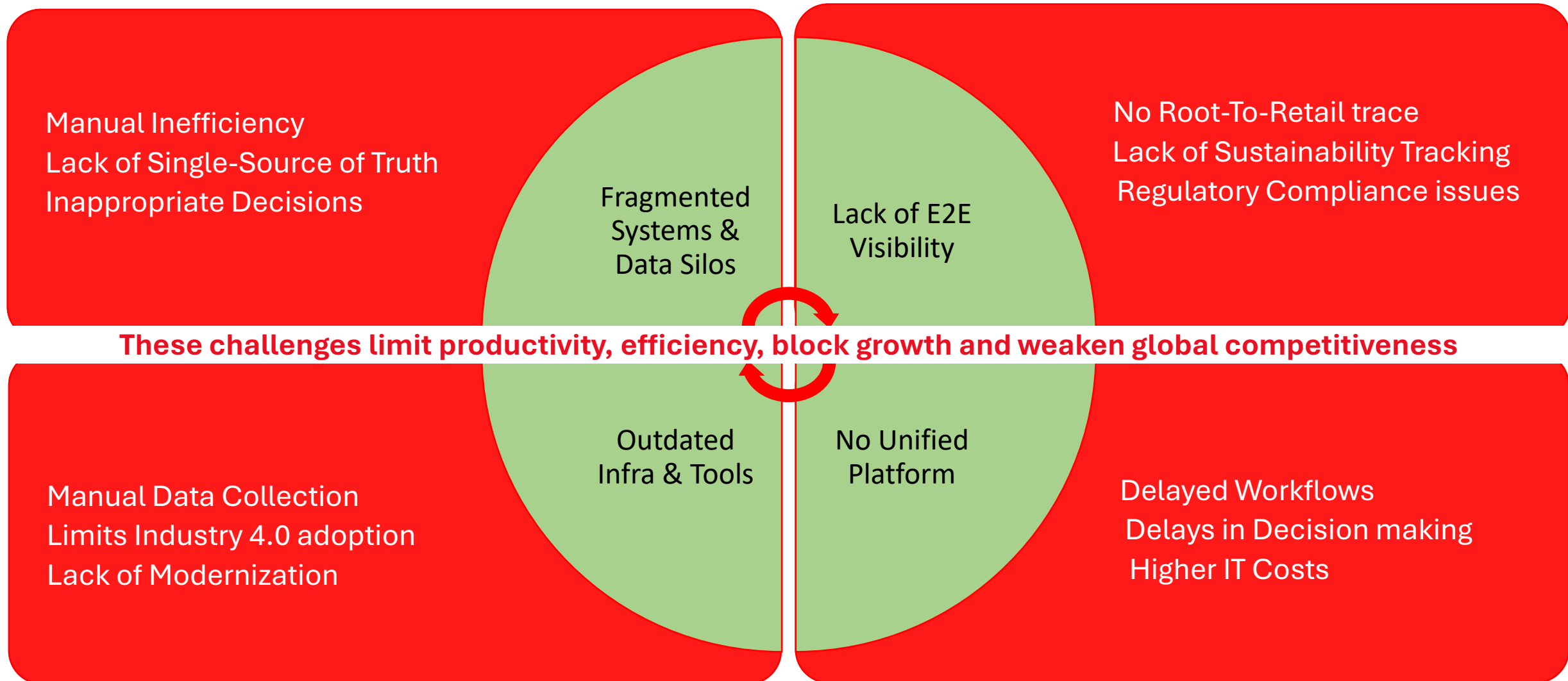
Drive efficiency, elevate decisions, and power
smarter manufacturing with real-time
intelligence



Making the Difference

Innovation, simplification and
growth built into everything we
do. From AI to lean systems,
we optimize the now and
unlock what's next

The Problem across Industries



TrackerX

AI-Powered Supply Chain & Operations Intelligence Platform for Businesses of all size



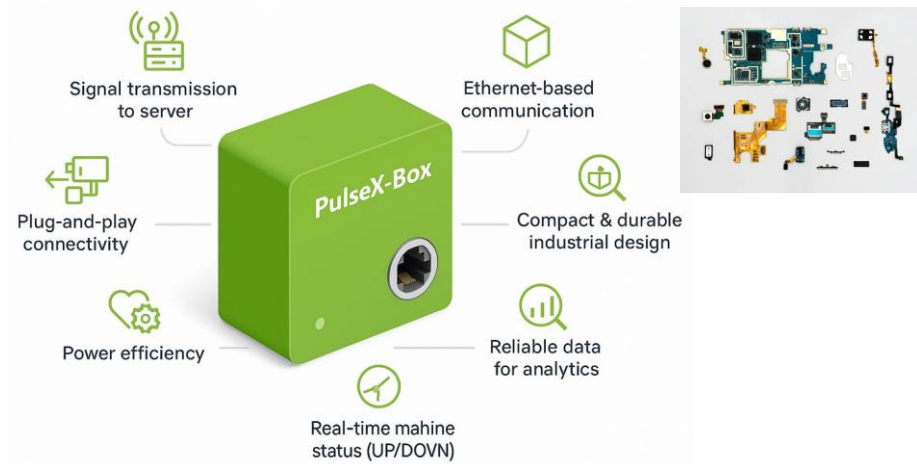
TrackerX One



- Track Man, Machine and Material – globally, seamlessly and real-time
- Running successfully multiple domain factories
- Product, Domain Agnostic
- Tracking-Technology Agnostic (RFID, QR, Barcode, GPS, NFC, GPS, Beacon, Drones, AI Cameras etc.,)

PulseX-BoX

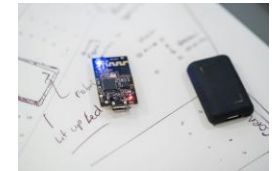
- R&D Successful, Prototype Dev In-Progress



TrackerX-BoX



- R&D Successful, Prototype Dev In-Progress
- Tracking-Technology & Hardware Agnostic
- AI/ML capable
- Versatile Sensor Connectivity
- 100% uptime
- Data recovery during downtime
- Edge computing for real-time data capture



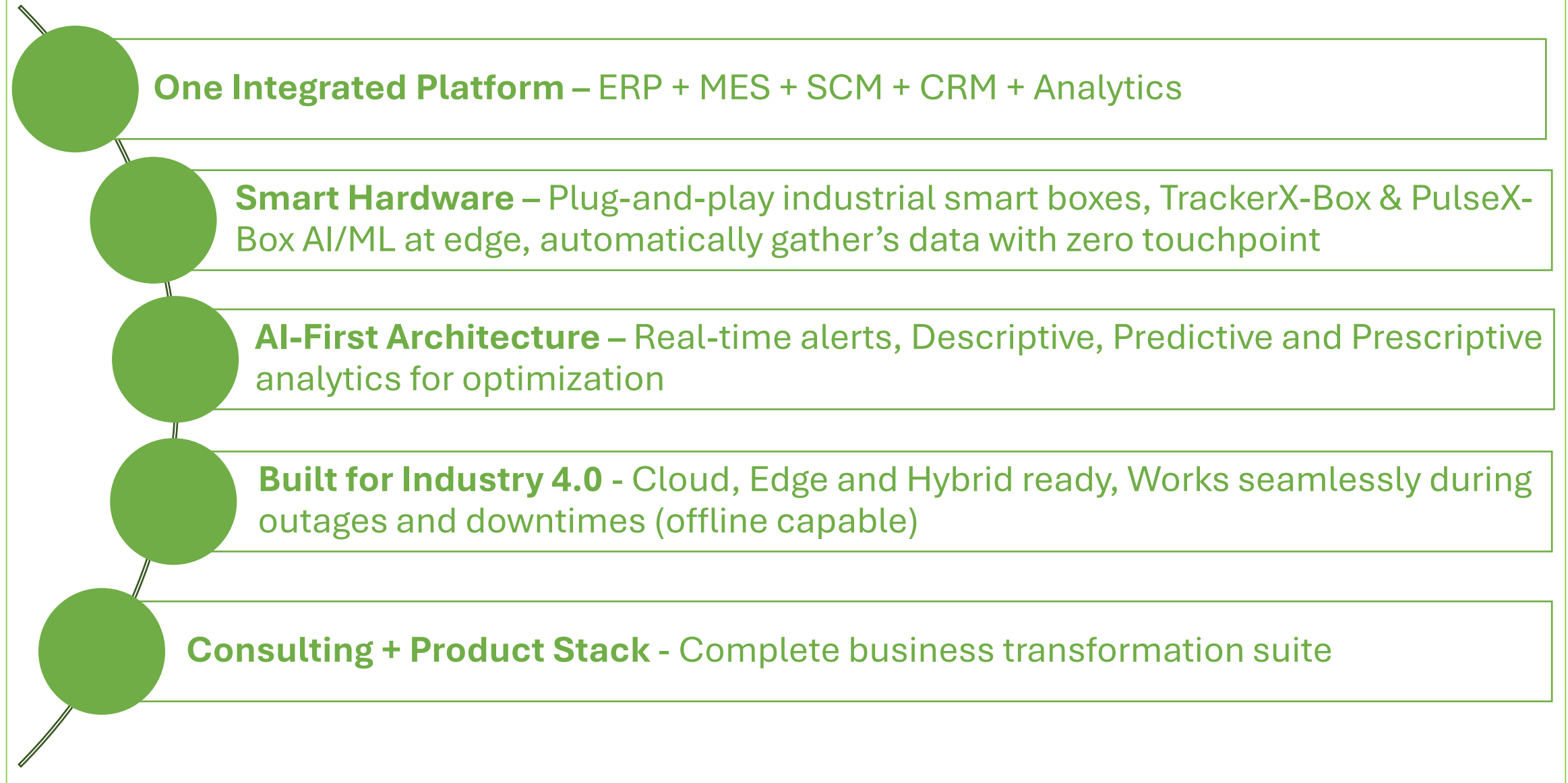
Lean Transformation Services

- Tech-driven lean with proven impact across domains



TrackerX One vs Legacy Systems: The Competitive Edge

Feature / Capability	TrackerX One	Traditional ERP (SAP, Oracle, Microsoft)	MES/SCM Tools (Siemens, Dassault, etc.)	Custom Solutions / Freelancers
Unified ERP + MES + SCM Platform	✓ Yes	✗ Partial (ERP only)	✗ No	✗ No
Real-Time Data from Machines	✓ Built-in via TrackerX-Box / PulseX-Box	✗ External Integrations Required	✓ Limited to industrial MES modules	✗ Custom build needed
AI-Driven Decision Intelligence	✓ Native AI/ML Layer	✗ Limited or Paid Add-ons	✗ Not AI-native	⚠ Depends on team
Product-Agnostic & Domain-Agnostic	✓ Yes	✗ Mostly vertical-specific	✗ Industry-focused	⚠ Case-by-case
Tracking-Tech Agnostic (QR, RFID, IoT, etc.)	✓ Yes	✗ Limited hardware integration	✗ Requires additional modules	✗ Custom build
Root-to-Retail Visibility	✓ Yes	✗ Not built-in	✗ Focused only on shop floor	✗ Needs full custom stack
Single Source of Truth	✓ Unified database	✗ Data silos across modules	✗ Limited visibility outside MES layer	✗ Data fragmentation
Lean Transformation Services	✓ Bundled offering	✗ Not offered	✗ Not included	✗ Separate consultants
Plug-and-Play Hardware Support	✓ TrackerX-Box, PulseX-Box or any device	✗ Not available	✗ Industrial-scale only, no plug-n-play	✗ Needs integration work
Deployment Flexibility (Cloud / Edge / Hybrid)	✓ Cloud, Edge & On-Prem	✓ Cloud / On-Prem	✓ Edge-focused	✗ Not standardized
Faster Go-Live	✓ 1–2 Weeks	✗ 6–12 Months	✗ 8–10 Months	⚠ Varies widely
Affordability for SMEs	✓ Designed for all	✗ Expensive Licensing & Maintenance	✗ Very high Capex	✓ Low Capex, but no scale
User Experience / Modern UI	✓ Clean & Intuitive	✗ Complex & Outdated	✗ Industrial UI	⚠ Depends on devs
Licensing	✓ One price, unlimited users & lines	✗ Bundled / Expensive tiers	✗ High TCO	⚠ Flexible, but manual



	Team	Role	YO-Experience
1	Hemanth K R	CEO, CTO	23
2	Shahab Iqbal	COO, CDO	15
3	Mamata Kattimani	Managing Director	3
4	Yasmeen S	General Manager	6
5	Vinay M G	CSO	20
6	Shanthala K R	CFO	29
7	Hassan Mudassir	Lead Backend Architect	10
8	Sathish K V	Lead Data Architect	12
9	Sada Haveri	Lead Frontend Architect	13
10	Sadiq Mohammad	Lead H&N Architect	12
11	Ravi Kumar Kasim	Lead DevOps Architect	12
12	Mugunthan	Lead Mobile Engineer	6
13	Premwardhan	Lead Data Engineer	8
14	Sharva P Joshi	Data Engineer	2
15	Vishnu VVS	Data Engineer	2
16	Nawaz	DevOps Engineer	7
17	Jeba Godson	Frontend Engineer	6
18	Vishal R	Frontend Engineer	4
19	Ganesh Bhatt	Lead Data Engineer	6
20	Manikanthan	Lead Domain SME	10
21	Jeevanantham	Lead Domain SME	10
22	Ilamparithi	Lead Domain SME	12
23	Venkat	Domain Expert	12
24	Vishal L	Domain Expert	5
25	Cibi	Domain Expert	8
26	Nikita Amith	Talent Engagement Lead	8
27	Kiran Kirthi	Lead Supply Chain	6

Passionate team of 27 Core-Cognitians

- **Tech-Heavy Leadership** with 250+ years of combined experience
- **Strong Domain Expertise** across supply chain, manufacturing, healthcare, and retail with a focus on real-world transformation
- **Deep AI & Data Team** with multi-disciplinary data architects and engineers powering predictive solutions
- **Creative Problem Solvers** blending lean methodology with modern tech to create scalable enterprise systems
- **End-to-End Execution** capability — from product vision to full-stack delivery to on-ground domain consulting
- **Cross-Functional Collaboration** across engineering, design, domain, and strategy team
- **Young, Diverse & Driven** talent — blending experience with fresh energy, creativity, and continuous innovation

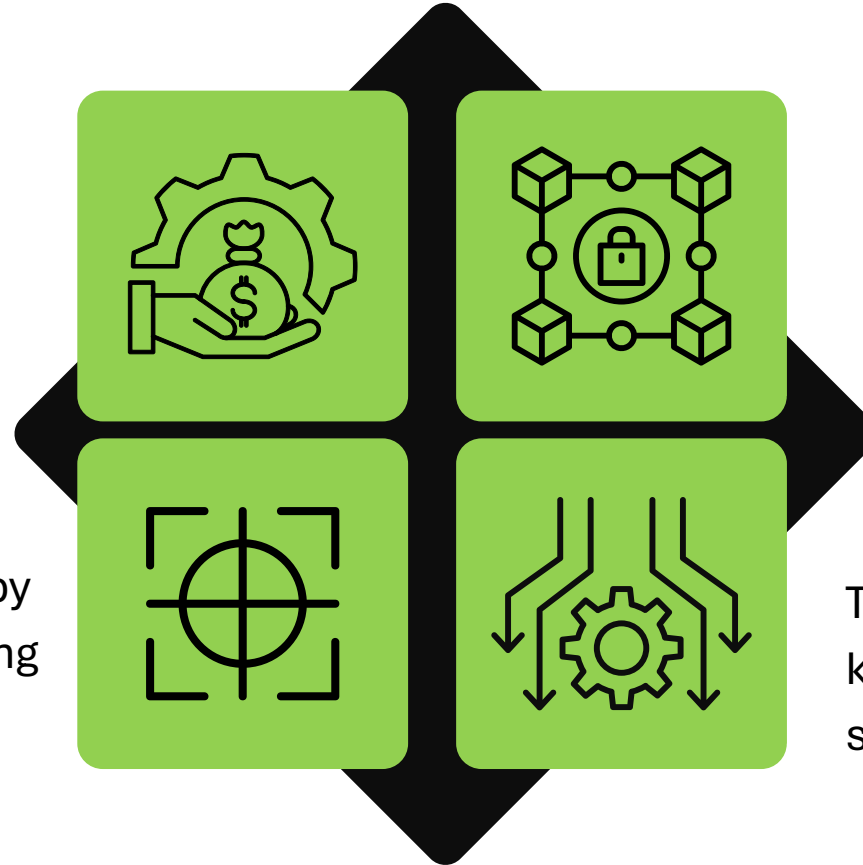
Our Edge, Your Advantage

Engineered to Pay for Itself

From visibility to efficiency, every feature is designed to unlock value and boost your bottom-line

Independent by Design

As we are not owned or influenced by competitors, our only focus is helping you win

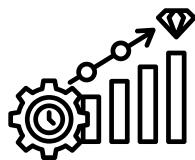


Precision You Can Trust

Built to ensure exceptional data integrity – 100% through intelligent automation, smart analytics and seamless system integration

Built for Change

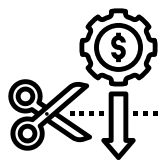
Translates deep change management know-how into actionable cultural shifts on the shop floor



Faster Efficiency. Proven in weeks, no years



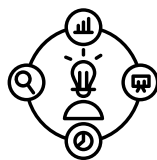
Capacity reimagined – Do more with what you already have



Shrink WIP. Grow your bottom-line



Order status you can trust (Live, event-driven and actionable)



Efficiency, Quality and Visibility are the new currency and brands are aligning with those who deliver these

“We have seen firsthand what digital transformation looks like on the ground. In 2022, we supported a Tunisian factory digitization journey using another platform and learned exactly what TrackerX needed to do better”

Non-Digitized Lines: Limited Visibility. Lower Efficiency						High Performance Digitized Lines		
L9	L8	L7	L6	L5	L1	L2	L3	L4
44.3%	51.6%	64.5%	65.3%	60.7%	60.1%	80.7%	77.6%	78.9%
63.5%	44.2%	51.8%	27.0%	36.0%	62.3%	75.7%	77.8%	74.0%

25%

Efficiency improvement
(baseline 63% to 88%)

31%

Production Capacity Increase

5

Payback Months

		Key Value-Drivers							
Solution Name		Lean Tools	AI driven Analytics	Ability to Customize	Mobile + Web UI	Edge + Offline Capabilities	Industry Specific Templates & Accelerators	Rapid Deployments & Implementation < 2 months	Final Take
1	TrackerX	Yes	Yes	Yes	Mobile + Web UI	Yes	Yes	Yes	Best ROI
2	Expand ERP	X	X	X	Web UI	X	Yes	X	Low Value and High Price
3	iXpert	X	X	Yes	X	X	X	X	Low Value and Low Price
4	Dirac ERP	X	X	Yes	X	X	X	X	Low Value and High Price
5	Sage X3	X	X	Yes	Web UI	X	Yes	X	Highly Expensive
6	Turbo ERP	X	X	X	Web UI	X	X	X	Low Value Legacy System
7	Eazy ERP	X	X	X	Web UI	X	X	X	Low Value and Low Price
8	Eresource Erp	X	X	X	Web UI	X	X	X	Low Value and Low Price
9	SAP	X	X	Yes	Web UI	X	Yes	X	Highly Expensive & Enterprise Only
10	Logic ERP	X	X	Yes	Web UI	X	Yes	X	Moderate Value and High Price
11	Fit Erp	X	X	Yes	Web UI	X	X	X	Moderate Value
12	Gpro ERP	X	X	Yes	Web UI	X	Yes	X	Moderate Value
13	WFX	X	X	Yes	Web UI	X	Yes	X	Moderate Value and High Price
14	Solve i8	X	X	Yes	Web UI	X	X	X	Moderate Value and Low Price
15	Stitch MES	Yes	X	X	Web UI	X	X	X	Moderate Value and Low Price
16	Eureka	X	X	Yes	Web UI	X	X	X	Moderate Value and Low Price
17	Focus 9	X	X	Yes	Web UI	X	X	X	Highly Expensive & Limited Value

Let's Build our Future Together and Let's R O C K !

Thank You!

Founders

Hemanth & Shahab

founders@cognitionx.tech

Appendix

Manufacturing Flow:

- ✓ Achieve complete visibility and control of shop floor operations with real-time production tracking and bottleneck identification..

Order Management & Basic Planner:

- ✓ Ensure on-time delivery by orchestrating end-to-end order lifecycle from receipt to fulfillment with precision

Quality Management:

- ✓ Reduce rejections and enhance brand trust with digital quality control checks, root cause analysis, and corrective action tracking

Industrial Engineering Metrics:

- ✓ Quantify shopfloor performance through standardized time and labor metrics to drive productivity, reduce cost, and enable data-led improvement.

Operator Management:

- ✓ Digitally allocate operators by skill and optimize manpower utilization with shift-wise performance metrics

Escalation Management Basic W/ Mobile & Remote Notifications:

- ✓ Never miss a critical issue—automated escalation real-time triggers ensure faster response and resolution across teams.

WIP Management:

- ✓ Minimize inventory pile-up with real-time tracking of Cut-to-finish WIP across production stages.

Business Intelligence :

- ✓ Empower every decision with role-based dashboards and insights into productivity, quality, and efficiency trends.

Material Saver Suite:

- ✓ Optimize fabric or main material consumption with intelligent cut plan nesting and lay or cut slip traceability to reduce wastage

Industrial Engineering Workflows:

- ✓ Digitize IE practices from SMV generation to line balancing and real-time performance tracking through a connected, data-driven system for continuous floor optimization.

AQL Based Final Inspection Systems:

- ✓ Digitize final inspections with visual dashboards and AQL compliance to prevent defective shipments

Energy & Utility Monitoring:

- ✓ Track and reduce energy consumption across departments with actionable insights and automated alerts.

IoT & Machine Integration:

- ✓ Digitally Connect machines to measure OEE, idle times, and predictive maintenance, reducing unscheduled downtimes

Planning & Scheduling Advanced:

- ✓ Model shift-wise production capacity, absenteeism impact, and resource constraints for hyper-accurate scheduling.

Workforce Skill Management:

- ✓ Identify upskilling needs, ensure right skill at the right workstation, and track cross-training efforts

Equipment Management:

- ✓ Boost machine uptime with preventive maintenance schedules and digital breakdown reporting

Raw Material Management:

- ✓ Gain real-time visibility on RM availability, consumption, and reorder alerts to avoid production delays

Subcontracting Management:

- ✓ Monitor outsourced jobs with full traceability, TAT tracking, and supplier performance evaluation

Product Lifecycle Management:

- ✓ Manage styles, BOMs, changes and costing in one place and framework to accelerate product development and launch cycles.

Lean Transformation Suite:

- ✓ Institutionalize lean practices like Kaizen, 5S, and waste elimination digitally across the shopfloor.

Procurement Management:

- ✓ Streamline supplier collaboration and PO management to reduce procurement lead time and costs.

Finished Goods Warehouse Management System:

- ✓ Digitally track finished goods inventory, bin location and dispatch to improve order accuracy by packing instructions

Distribution & Logistics:

- ✓ Manage logistics flow from FG Warehouse to buyer with shipment planning, tracking and cost control.

Returns & Reverse Logistics:

- ✓ Manage returns and reverse flow efficiently with traceability, root cause tagging, and secondary sale routing.

CRM & Customer Feedback Loop:

- ✓ Close the loop on buyer feedback, complaints, and performance reviews to drive continuous improvement.

HR & Payroll:

- ✓ Automate attendance, payroll, compliance, and workforce analytics to reduce administrative effort..

AI Driven Digital Twin / Simulation:

- ✓ Simulate factory floor performance before execution using AI to prevent disruptions and optimize layouts.

Vendor Collaboration Portal:

- ✓ Streamline internal and vendor interactions through a unified portal for approvals, document exchange, and task automation, eliminating email chaos and accelerating execution.

Retail Execution & Point of Sale (POS) Integration:

- ✓ Sync production with retail demand using POS data to minimize overproduction and lost sales

Demand Forecasting and Sales Planning:

- ✓ Align production with accurate sales forecasts, using AI-based planning for seasonal and buyer-specific trends