

INDUSTRY 4.0



# DISCOVER HIDDEN PROFITS

Machine & Operator  
Productivity Improvement  
System for Machine Shops



Leanworx™

Works like magic

**Leanworx empowers top management of manufacturing plants to get real time shop floor information to make right data driven business decisions. Data is captured direct from machines using an IoT device and sent to SaaS software hosted on Microsoft Azure. Real time information using AI and Analytics assist in improving machine productivity, capacity utilization, CapEx planning and operator efficiency of discrete machines. Automated tracking, dashboards and alerting on status of production, productivity, quality, maintenance, consumables and energy usage keeps business owners to be in control of their shop floor, in real time.**

**Accurate reports and timely alerts help you identify achievable opportunities for substantial improvement by eliminating waste; and promoting productivity consciousness among all stake holders. Leanworx is a must-have tool for any CEO to run a profitable shop floor operation.**

## Distinguished Team

The leadership team at Leanworx collectively possesses 180 years of hands-on experience in manufacturing systems, analytics, and software product development. We are industry insiders who intimately understand complexities of machines and challenges in manufacturing. This expertise drives a professional team that develops cutting-edge machine and operator productivity monitoring system.

Leanworx team is familiar with the shop floor needs and has designed its software product with in-depth knowledge of manufacturing processes, shop systems, worldwide best practices, varied levels of operator skills, and diverse working cultures. Understanding your daily shop floor challenges and speaking your language is second nature to us.

## Distinctive edge

Most Industry 4.0 companies specialize in either software development or IoT hardware manufacture, without being connected with the realities, challenges in the shop floor and are clueless about intricacies of machines and manufacturing processes. Leanworx is different. Our entire team brings extensive shop floor domain expertise and combines it with its long 25 years of industry track record of building award winning software products for CNC machining. This gives the Leanworx an unmatched distinctive edge.

## Innovation reimaged



**Simple and intuitive Do-It-Yourself setup**



**Monitor any machine or process effortlessly**



**Data capture from legacy machines by digital signals**



**Maintenance-free system for hassle-free operation**



**Data capture from latest machines through Ethernet**



**Needs no software installation in the shop floor**

## Best suited for

Leanworx caters specifically to manufacturing companies operating any discrete machines for making precision mass produced parts, die cast parts, molded parts, sheet metal parts, springs or fasteners. Its adaptable modular add-on software structure ensures quick deployment in any company irrespective of the number of machines, type of machines or skill level of machine operators.

Manufacturers in sectors such as auto parts, aerospace, defense, pumps, motors, farm equipment, earth moving machinery, packaging, plastics, and food production can greatly benefit from Leanworx.



# Impactful Transformation

Our users are small-scale industries with 5 machines to large corporates / MNCs managing hundreds of machines across multiple plant locations. Best known manufacturing firms have seen remarkable gains, with some achieving up to a 25% increase in Overall Equipment Effectiveness (OEE) and a 20% surge in operator performance within six months of adopting Leanworx.

This success is attributed to systematic reductions in machine downtimes, improved machine productivity, enhanced machine operator performance, minimized capital expenditures (CapEx), optimized maintenance schedules, improved delivery predictability, and enhanced performance consciousness among the entire shop floor operations team.



## Ten assured benefits

- 1 Unlock 30% more machining capacity**  
Measure downtimes in real time and eliminate them to increase capacity. Increase profits dramatically.
- 2 Save CapEx on new machine investments**  
Postpone capital expenditure on new machines, by making your existing machines produce more.
- 3 Reduce ROI time on machines**  
Earn 30% more revenue from machines, increase your return on investment. Reduce ROI time on machines.
- 4 Shrink machine breakdown time**  
Don't make broken down machines wait. Respond to breakdown alerts sent on Mobile phones swiftly.
- 5 Incentivize and retain good operators**  
Pay wages and incentives based on actual production and efficiency. Motivate good performing operators.
- 6 CEO Dashboard for multi-plant reports**  
Single screen to view multiple KPI's of machines located in different plant locations for top management.
- 7 Keep track of the consumables**  
Capture usage of cutting tools, inserts and coolant consumption patterns, to keep a close control over their costs.
- 8 Enforce preventive maintenance plans**  
Schedule machine PM events and execute them systemically, receive alerts on mobile of missed PM tasks and reminders of pending tasks.
- 9 Go paperless and transform shop floor**  
Make latest versions of part drawing, control plan, user manuals, 30 second training videos accessible and updated to users on click.
- 10 Update shop data on ERP automatically**  
Push production data seamlessly into your ERP system. Eliminate data errors, delays and data entry costs.



Works like magic



## Most widely adopted Industry 4.0 solution

Our long user list is an endorsement of our product's performance and its power to add great value to the machine shop productivity. India's top and most profitable machine shops run on Leanworx. Are you ready to harness its power for your success?"



## Work culture transformation

Work Culture Transformation (WCT) is a customized on-site service designed to cultivate Industry 4.0 awareness. It is meant to be a digitalization literacy initiative for shop floor team, from CEO to machine operators. The primary objective of WCT is to educate every team member on the shop floor about the importance of their actions and contributions in unlocking the potential of Leanworx.

This program is executed through a series of meticulously planned on-site visits by industry experts, with the specific aim of achieving predefined outcomes. Its structured approach ensures that participants grasp the significance of their roles in embracing Leanworx and its potential impact on the organization.



## Industry 4.0 for Machine Shops

Most profitable machine shops run on Leanworx



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