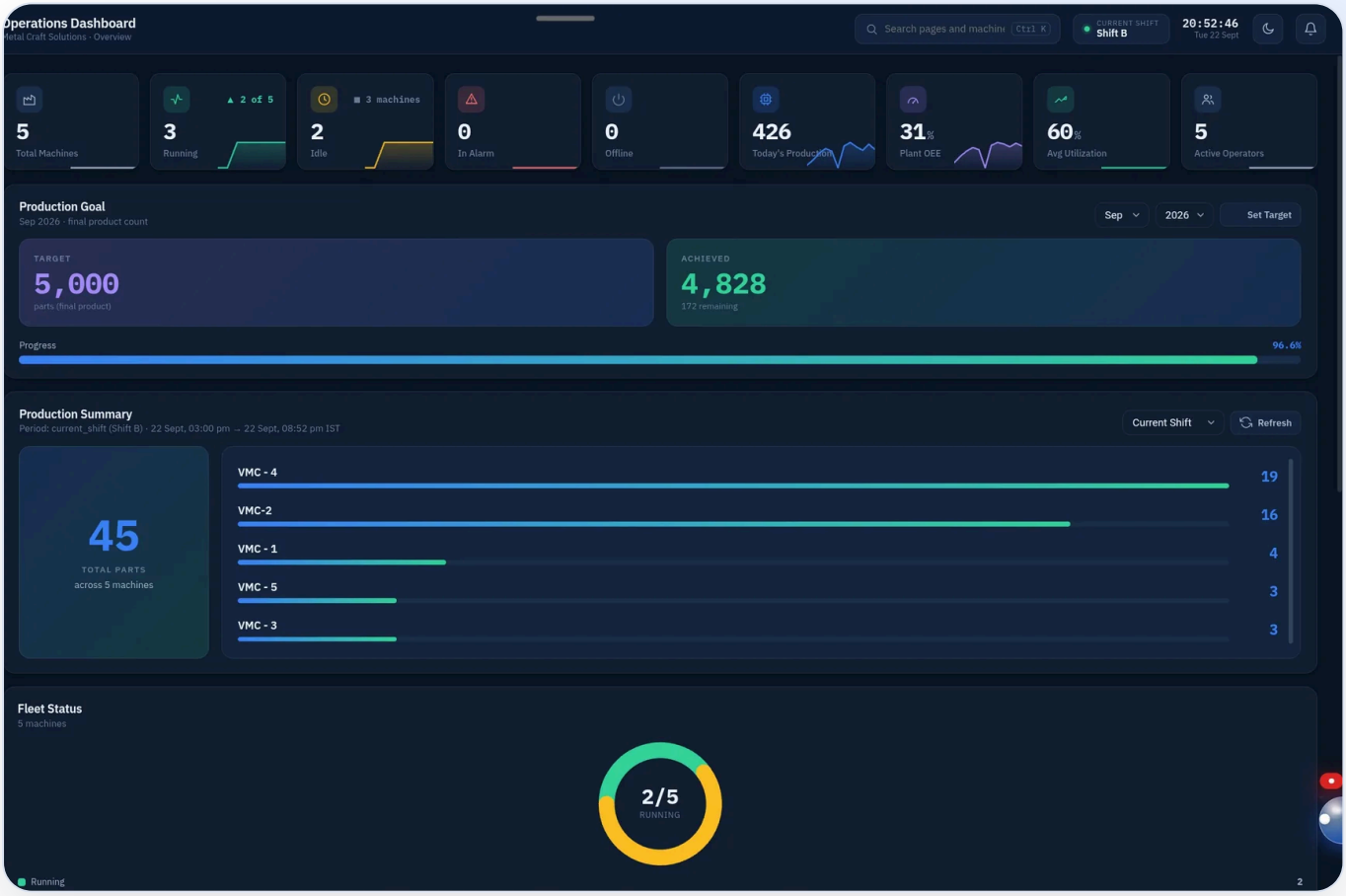
Metal Craft Solutions
AI & IoT Solutions for CNC



CLOUD · ON-PREMISE · HYBRID

# See every CNC machine. Live. From anywhere.

Live status, part counts, OEE, alarms and spindle load — read straight from your machines and shown on a 3D factory floor, your phone and your TV. Ask Lumo AI in English or Tamil.




**1 day**
typical 10-machine start

**0**
changes to your CNC (read-only)

**24×7**
works even when internet drops

**EN / தமிழ்**
Lumo AI voice and chat

THE PROBLEM

# You find out what happened on the floor only after the shift.

Paper logs, phone calls and guesswork. By the time a stopped machine is noticed, the target is already missed.

| TODAY | WITH METAL CRAFT |
| --- | --- |
| "Was VMC-3 running in the night shift?" — nobody knows for sure. | Every minute of every machine is recorded: running, idle, hold, alarm, offline. |
| Part counts are written by hand at the end of the shift. | Parts counted automatically from the machine, against your target, live. |
| The same alarm stops the machine again and again. | Every alarm with its time and duration — repeat faults stand out. |
| Tools break in the cut and spoil the part. | Tool life and live tool load, with a warning before a tool fails. |
| The owner calls the supervisor five times a day. | The owner sees it on the phone — and gets the shift report by e-mail. |

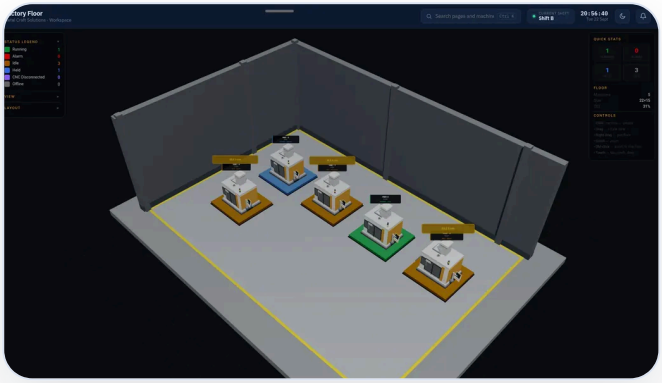
SCREENS YOUR TEAM USES EVERY DAY

# Your whole factory on one screen.



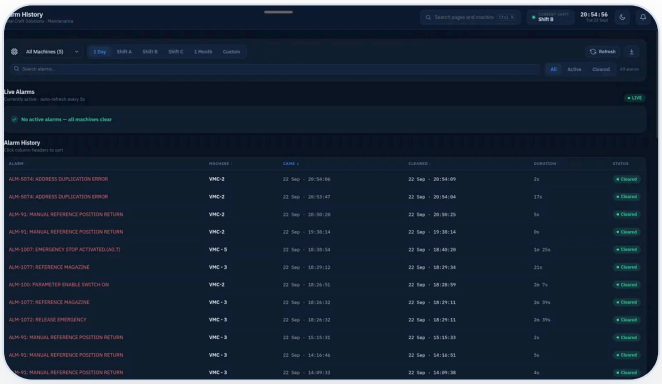
## Live monitoring

Program, spindle load, feed and cutting time for every machine.



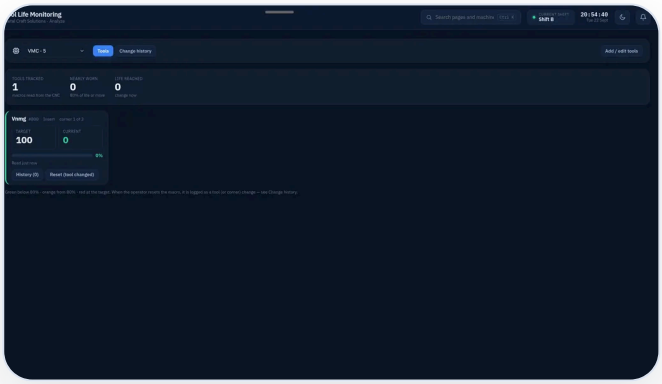
## 3D factory floor

Your own layout in 3D. A stopped machine turns red where it stands.



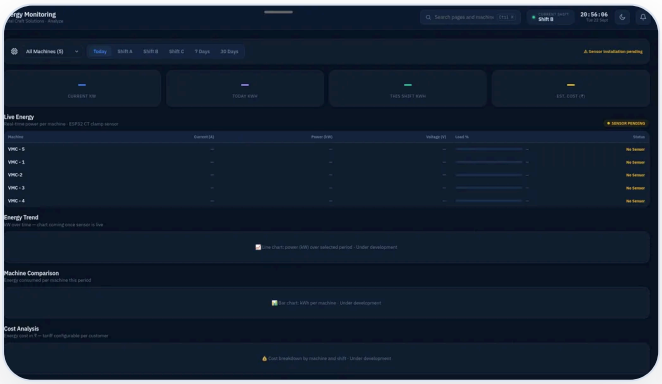
## Alarm history

Every alarm and message with time and duration.



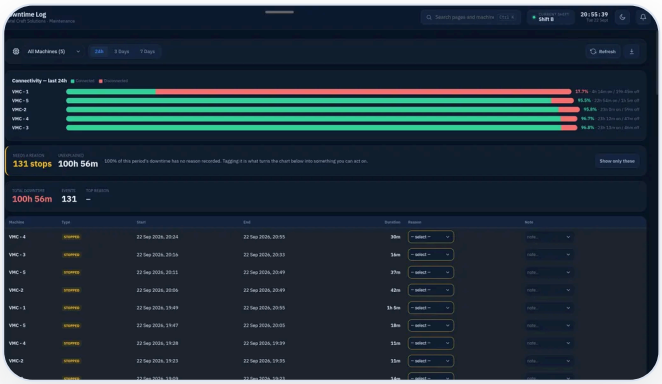
## Tool life & tool load

Change tools on time, before they break.



## Energy

Power used by every machine, by running and idle time.



## Downtime log

Why each machine stopped — so the biggest losses get fixed first.

ONE LOGIN, EVERYTHING INCLUDED

# Built for the people who run the floor.

### Live dashboard
Running / idle / alarm, parts vs target, OEE.

### Utilisation & OEE
Per machine, per shift, per day — honest numbers.

### Shift reports
PDF report by e-mail after every shift.

### Alerts
E-mail and phone alerts when a machine alarms or stops.

### Maintenance & TPM
Breakdowns, downtime reasons, daily checks.

### Energy
Power used by each machine and by state.

### TV wall
Big-screen view for the shop floor.

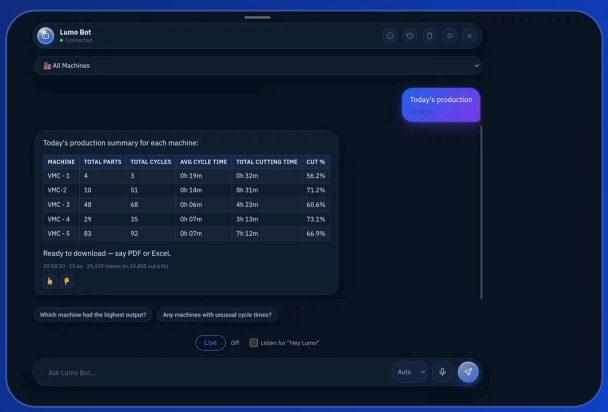
### Custom screens
Build your own screen — or ask Lumo to.

### ERP
Customers, invoices, stock — same login.

LUMO AI

## Just ask your factory.

- ✓ "How many parts did VMC-2 make today?"
- ✓ "Which machine stopped most this week?"
- ✓ "Email me the Shift B report."
- ✓ Typed or spoken — English and Tamil



ONE PLATFORM

# Three ways to run it. Same screens.

### Cloud

- ✓ See your factory from anywhere
- ✓ Nightly encrypted backup
- ✓ Nothing to maintain

### Hybrid

- ✓ Server inside your plant
- ✓ Keeps working if internet drops
- ✓ Managers still see it outside

### On-Premise

- ✓ No internet needed
- ✓ Data never leaves your plant
- ✓ Same screens on your network

ON EVERY SCREEN

# Phone, laptop, Windows app and TV.

### Android app

Live machine cards, push alerts, shift summary, Lumo AI.

### Windows app

3D floor, live tool load, "Hey Lumo" voice, auto updates.

### Web & TV

Any browser. TV wall without login on the TV.

SIMPLE START

# Live on your machines in about a day.

**1**

### Send your list

Machine names and models.

**2**

### We check

We confirm what we can show — honestly.

**3**

### We install

No production stop. Read-only.

**4**

### You see it live

Phone, PC and TV — same day.

### Safe for your machines

- ✓ Read-only — nothing written to the CNC
- ✓ No change to your programs
- ✓ No production stop

### Safe for your data

- ✓ Encrypted
- ✓ Separate data for every company
- ✓ Login with e-mail code and roles

## Book a free demo.

🌐 **metalcraftsolutions.xyz**

📞 / WhatsApp **+91 63818 73086**

▶ Try the live demo: **new.metalcraftsolutions.xyz/demo.html**