Industrial IoT for CNC — see every machine live.

Metal Craft reads status, part count, OEE, alarms and loads straight from your CNC machines and shows them on your phone, PC, TV and a 3D factory floor. Read-only, no production stop, live in about a day.



Know, don't guess
Every minute of every machine: running, idle, hold, alarm, offline.

More parts per shift
Live parts vs target, so problems are fixed during the shift.

Fewer breakdowns
Alarm history and tool load warnings before a failure.

Reports without paper
Shift report PDF by e-mail, automatically.

Ask in your language
Lumo AI answers in English and Tamil — typed or spoken.

Works without internet
Hybrid and on-premise options keep the floor running.

Machines we connect

VMC · HMC · CNC turning centres · grinders · wire EDM · special machines and robot cells (per project). Send us your list — we confirm before you buy.

Features & editions

Feature	What it does	Cloud	Hybrid
Live dashboard	Running / idle / alarm, parts vs target, OEE	✓	✓
Live machine monitoring	Program, spindle load, feed, cutting time	✓	✓
3D factory floor	Your layout, live status colours	✓	✓
Utilisation & OEE	Per machine, shift and day	✓	✓
Production history & part count	Automatic counting, history by day	✓	✓
Alarm history & downtime log	Every alarm with time and duration, reasons	✓	✓
Spindle & servo load, tool load monitor	Live graphs, high / low limits per tool	✓	✓
Tool life & offsets	Tool life, active tool, wear	✓	✓
Shift reports & e-mail alerts	PDF after every shift, alarm / stop alerts	✓	✓
Maintenance / TPM, daily checks	Breakdowns, repair time, check lists	✓	✓
Energy monitoring	Power per machine and by state	✓	✓
Custom screens & TV wall	Your own screens, big-screen view	✓	✓
Lumo AI chat & voice (EN / Tamil)	Ask questions, get reports	✓	✓*
Android app & Windows app	Live cards, alerts, voice, 3D floor	✓	✓
Works when internet drops	Floor screens keep running inside the plant	—	✓
Remote view for managers	See the plant from anywhere	✓	✓
ERP (customers, invoices, stock)	Same login	✓	**on request**

* AI needs internet. Fully offline (on-premise) edition available on request.

Safe by design

Read-only to your CNC · no change to programs · encrypted · separate data per company · e-mail code login with user roles · nightly encrypted backup (cloud).