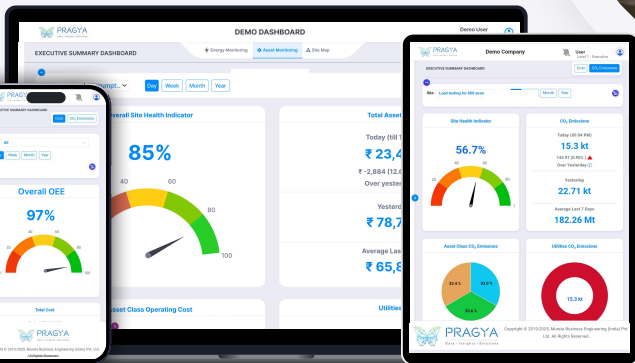


TRANSFORM TEXTILE MACHINES INTO SMART ASSETS

From spinning to weaving, monitor machines and environment so stoppages, breaks, and shade variations drop while loom utilisation climbs.

TEXTILE INDUSTRIES

- ✦ Pinpoint why each loom stops—by cause, style, and operator.
- ✦ Guard yarn and fabric quality with live humidity and temperature tracking.
- ✦ See production and energy performance line-wise, shift-wise, and style-wise.



COFFEE ?



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PAIN POINTS IN TEXTILE INDUSTRY



Frequent Loom Stoppages

Identify exact stoppage cause, duration & impact.



Quality Variation Issues

Real-time alerts for humidity, pressure & machine performance deviations.



Unexpected Machine Breakdowns

Early detection through load, temperature, and vibration monitoring.



Unplanned Production Downtime

Timely notifications prevent small issues from becoming major stoppages.

PRAGYA SOLVES THESE PROBLEMS



Continuous Machine Visibility

Shift-wise, Section-wise OEE reports as a deliverable:

- Loom performance tracking
- Motor load monitoring
- Compressor pressure
- Machine vibration monitoring
- Section energy consumption
- Production performance insights

MACHINE-LEVEL OEE TRACKING



Energy & Utility Monitoring

Pragya optimizes power consumption by analyzing:

- Energy use in spinning, weaving
- Motor power consumption
- Compressor and chiller loads
- Voltage, current, PF, harmonics
- Section-wise electricity distribution
- Energy waste across processes

REDUCE ENERGY USAGE UP TO 30%



Environment & Process Monitoring

Pragya ensures stable production by tracking:

- Humidity in spinning zones
- Temperature affecting yarn
- Air pressure in systems
- Spindle RPM deviation alerts
- Machine tension changes
- Environmental quality impact
- Yarn tension monitoring
- Warp beam load tracking

MAINTAIN FABRIC QUALITY UP TO 20%.



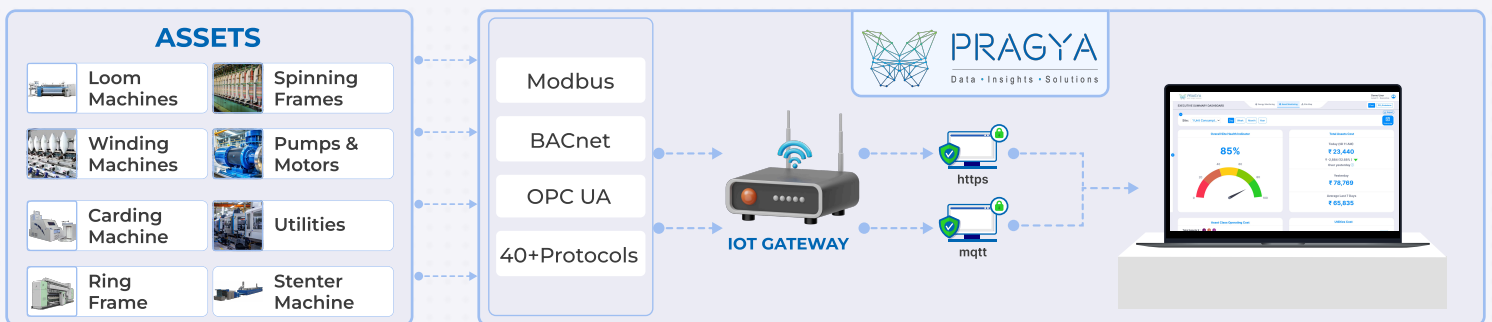
Intelligent Alerts & Insights

Pragya identifies operational risks such as:

- Loom stoppage events
- Motor overheating conditions
- Compressor pressure drops
- Electrical overload situations
- High energy consumption spikes

IMPROVE PLANT PRODUCTIVITY UP TO 20%

WORKS WITH ALL LEADING TEXTILE INDUSTRY HARDWARE



WHY CHOOSE PRAGYA



Continuous machine performance monitoring



Early warnings for equipment issues



Reduced unexpected production stoppages



Centralized plant performance dashboard



Works with existing machines and systems



Instant reports and operational insights

LOOMS RUNNING - COSTS FALLING - QUALITY RISING

See Pragya in Action. Book Your Free Pilot Today → contact.pragya@mbei.co.in
Experience real savings before you commit