



# LOCK YOUR PHARMA UTILITIES AND ENVIRONMENTS INTO GMP-READY CONTROL

End-to-end visibility across cleanrooms, utilities, and process equipment so every batch runs within spec—and every audit finds you prepared.



## PHARMACEUTICAL INDUSTRY

- ✦ Track critical utilities and cleanroom conditions in real time.
- ✦ Catch drifts in temperature, pressure, or humidity before they hit product quality.
- ✦ Digital trails for deviations, alarms, and reports—ready for every inspection.



COFFEE ?



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## PAIN POINTS IN PHARMA INDUSTRY



### Limited visibility into critical utilities

Hard to track performance of chillers, boilers and compressors



### Quality Affecting Environment

Variations in temperature, humidity or pressure impacting standards.



### Unexpected equipment failures

Machine faults causing interruptions in production processes.



### High Energy Consumption

Utilities consuming power without clear monitoring or analytics.

## PRAGYA SOLVES THESE CHALLENGES



### 24/7 Utility & Equipment Monitoring

#### Pragya provides real-time monitoring for:

- Chillers, boilers, air compressors
- AHUs and cooling
- Electrical panels and distribution
- Process equipment
- Utility efficiency
- Plant performance insights

15% PLANT UPTIME IMPROVEMENT



### Energy & Utility Monitoring

#### Pragya optimizes energy usage by tracking:

- Utility electricity consumption
- Steam system performance
- Compressed air usage
- Chilled water flow
- Voltage, current and PF
- Section-wise energy analytics

30% ENERGY LOSS REDUCTION



### Environment & Compliance Monitoring

#### Pragya monitors plant conditions through:

- Cleanroom temperature
- Humidity levels
- Differential pressure areas
- Production zone environment
- Quality-related parameters

SUPPORTS 100% GMP-COMPLIANT MONITORING WORKFLOWS



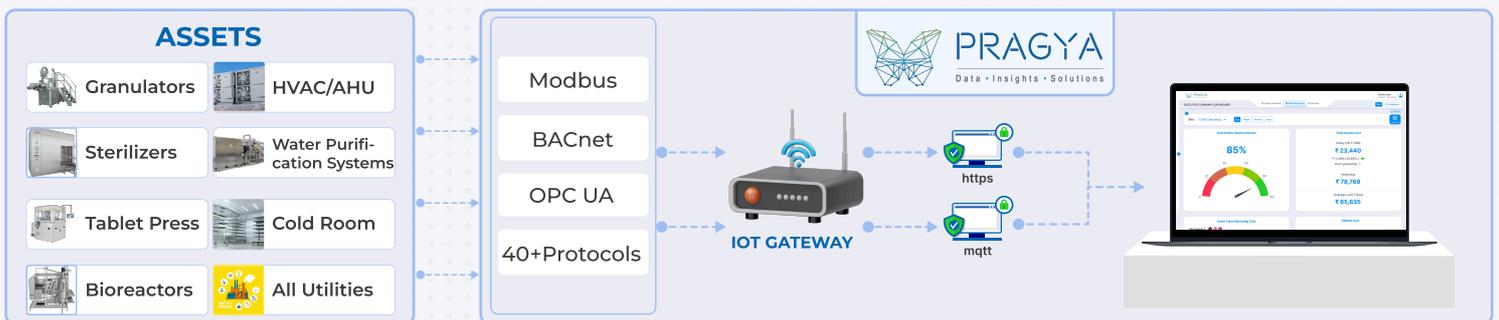
### Smart Alerts & Digital Reporting

#### Pragya detects issues early through:

- Equipment fault alerts
- Environmental deviation alerts
- Abnormal energy usage
- Utility performance warnings
- Automated digital reports

ENABLE 40% FASTER MAINTENANCE RESPONSE

## WORKS WITH ALL LEADING PHARMA INDUSTRY HARDWARE



## WHY CHOOSE PRAGYA



Improved Product Quality



Reduced Utility Downtime



Lower Energy Consumption



Predictive Maintenance Insights



Increased Equipment Reliability



Complete Plant Visibility

HIGHER EQUIPMENT RELIABILITY - LOWER ENERGY COST - BETTER PRODUCT QUALITY

See Pragya in Action. Book Your Free Pilot Today → [contact.pragya@mbei.co.in](mailto:contact.pragya@mbei.co.in)  
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