

# PREVENTIVE MAINTENANCE TECHNICIAN







## Introducing the Preventive Maintenance Technician (PMT)

The ALL Scientific Technology Group (AST) management team developed a new class of field service talent to increase our capacity, improve client equipment uptime, and reduce costs without increasing the workload of our full-service technicians.

## CHALLENGE

Traditional field service models rely on highly skilled technicians to handle both preventive maintenance and critical repair work.





The traditional service company model creates operational constraints:

-  High-cost technicians spend valuable time on basic preventive maintenance tasks
-  Management deprioritized preventive maintenance when emergency repairs arise
-  Service providers face labor shortages; therefore, clients experience long response times
-  Documentation and compliance tracking remain inconsistent or paper-based

## SOLUTION OVERVIEW

ALL Scientific Tech developed the Preventive Maintenance Technician (PMT), a specialized role dedicated solely to preventive tasks like inspection, cleaning, lubrication, testing, and documentation. Modeled after the Physician Assistant model in healthcare, PMTs take on routine workloads, allowing our expert technicians to concentrate on high-value repairs and prevent equipment downtime.

## KEY BENEFITS

-  Expanded Service Capacity, More personnel in the field
-  Faster Deployment, PMTs are sourced from ready-to-work labor pools and trained on standardized checklists, allowing AST to grow with our clients in new regions.
-  Improved Uptime & Compliance, Consistent PM execution ensures equipment stays within operational standards
-  Digital Accountability, Every task is verified via Equip ID tap, photo, timestamp, and automated reporting

## HOW IT WORKS

- 01**  
**PMT Assigned to Asset List or Zone:**  
Based on equipment count, service frequency, and compliance requirements
- 02**  
**Checklist-Driven Preventive Maintenance Only:** No repair tasks; focus is on inspection, lubrication, cleaning, and logging deficiencies.
- 03**  
**Escalation Protocol in Effect:** When PMTs identify any deficiencies, they flag them so the service technician can address them.
- 04**  
**Real-Time Data Capture via Equip ID:** Every action scanned, documented, and verified
- 05**  
**Managed through ALL Scientific Tech Platform:** Scheduling, routing, analytics, and quality control centralized

