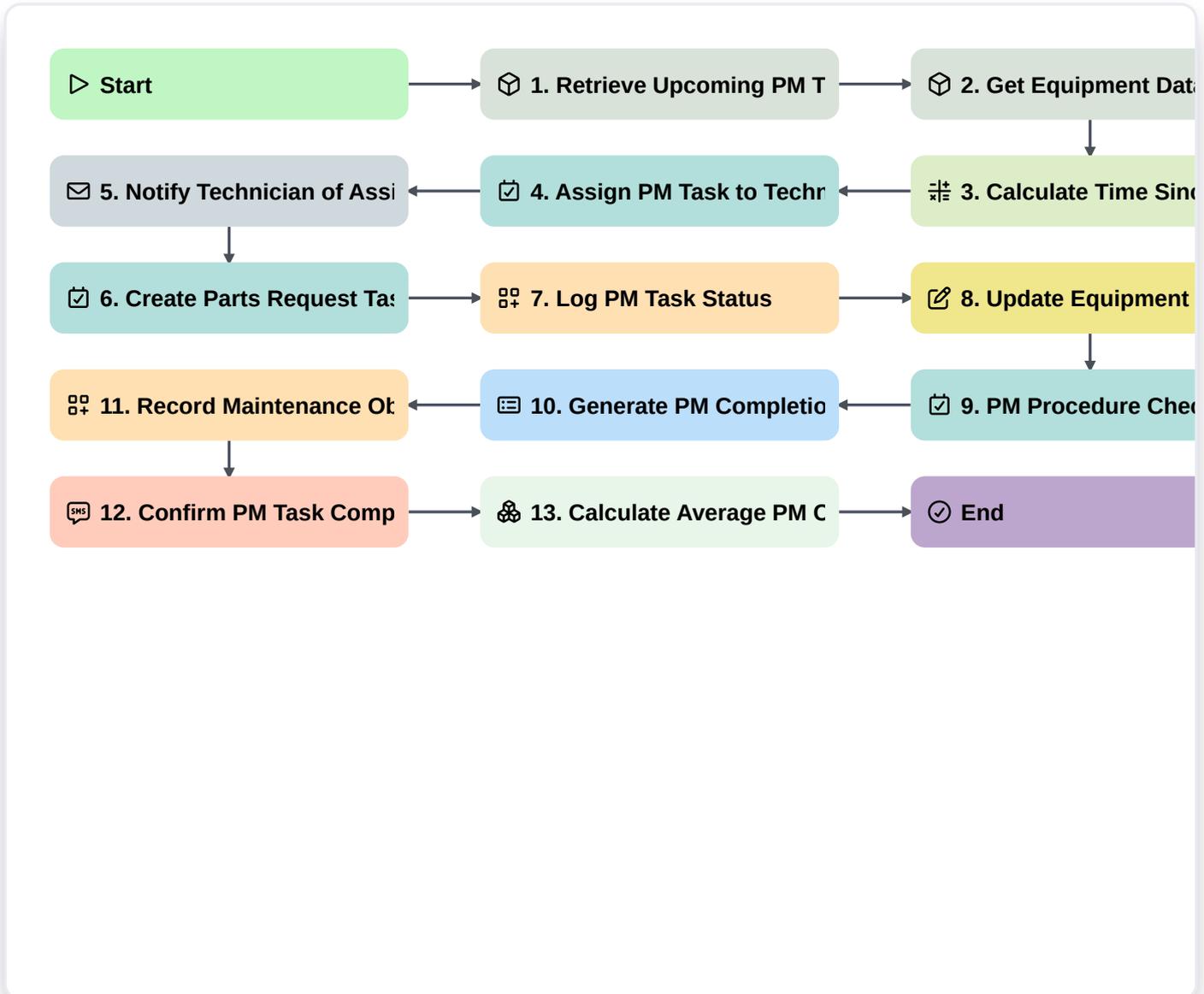


Preventative Maintenance Scheduling Workflow For Manufacturers



▶ Start

Start of the Workflow/Process.

📦 1. Retrieve Upcoming PM Tasks

Fetch all preventative maintenance tasks scheduled within the next 7 days.

📦 2. Get Equipment Data

Retrieve equipment details (model, serial number, last maintenance date) from the equipment data model.

📅 3. Calculate Time Since Last Maintenance

Calculate the number of days since the last preventative maintenance was performed, using the last maintenance date.

📅 4. Assign PM Task to Technician

Create a task and assign it to a qualified maintenance technician based on equipment type.

✉️ 5. Notify Technician of Assigned Task

Send an email to the assigned technician with task details and equipment information.

6. Create Parts Request Task

Create a task to request necessary parts for the upcoming maintenance.

7. Log PM Task Status

Create a new entry to log the status of the PM task (e.g., Scheduled, In Progress, Completed).

8. Update Equipment Last Maintenance Date

Update the last maintenance date for the equipment in the equipment data model.

9. PM Procedure Checklist

Execute a checklist of procedures for the specific preventative maintenance task.

10. Generate PM Completion Report

Generate a report documenting the completed maintenance, including technician, date, and observations.

11. Record Maintenance Observations

Create an entry to record any observations or issues found during the maintenance process.

12. Confirm PM Task Completion

Send an SMS to the maintenance manager confirming the task is complete.

13. Calculate Average PM Completion Time

Aggregate data to determine the average time taken to complete preventative maintenance tasks.

End

Start of the Workflow/Process.