Manufacturing · Global

An electronics manufacturer improved equipment uptime by 30% with planned maintenance

An electronics manufacturer replaced paper maintenance records with preventive plans, sensor-triggered work orders and a full maintenance history for every machine.



30% improvement in equipment uptime

40% reduction in unexpected equipment downtime

25% less time to diagnose issues and plan maintenance

AT A GLANCE

INDUSTRY
Electronics manufacturing

SIZE
Large

EQUIPMENT
Complex production machinery

PREVIOUSLY
Paper records, scattered schedules

FEATURES USED
Maintenance · Connected · Assets · Insight

01 The client

The client is a large electronics manufacturer running complex production equipment across its manufacturing facilities.

Production depends on that equipment running without interruption. Maintenance had been tracked on paper and scheduled separately in each area, with little insight into the health of the machines.

02 The challenge

Manual tracking, paper records and scattered scheduling led to missed maintenance and unplanned downtime. Without current data on equipment health, the team could not plan production with confidence.

- Maintenance was tracked by hand and recorded on paper.
- Scheduling was decentralized, so tasks were missed.
- No current view of equipment health or maintenance status.
- Unexpected breakdowns disrupted production.
- Maintenance history was hard to find for audits.

03 What they set up in Asset Infinity

The manufacturer moved maintenance planning, sensor monitoring and maintenance records into Asset Infinity, configured around its own processes.

Maintenance

Preventive plans

Maintenance is scheduled from set intervals, usage meters and equipment specifications, and work orders are created automatically when a task is due.

Connected

Sensors on equipment

IoT sensors on production equipment report readings, and a reading outside its limit raises a work order before a small problem becomes a breakdown.

Assets

Full maintenance history

Every job, reading and part used is recorded against the machine, so its history is easy to find, analyze and show to auditors.

Insight

Maintenance dashboards

Dashboards show open and overdue work, downtime and trends by machine, helping the team plan maintenance around production.

04 How it works day to day

Here is how maintenance now runs on the production floor.

SYSTEM

Raises planned work

Preventive plans by date, meter or runtime create work orders when each machine is due for service.

SYSTEM

Watches sensor readings

When a sensor reading crosses its limit, a work order is raised for that machine so the team can act early.

MAINTENANCE PLANNER

Schedules around production

The planner assigns work orders to technicians and fits them around the production schedule.

TECHNICIAN

Works through the checklist

On the mobile app, the technician completes the inspection checklist with required readings and photos, and records parts used.

SYSTEM

Raises corrective work

A failed check can raise a corrective work order, so a fault found during inspection is fixed instead of noted and forgotten.

MAINTENANCE MANAGER

Reviews the trends

Dashboards show downtime, overdue work and recurring issues by machine, and the full history is ready for audits.

05 Before and after

	BEFORE	WITH ASSET INFINITY
Maintenance records	Paper-based	Recorded against each machine
Scheduling	Decentralized, tasks missed	Preventive plans create work automatically
Equipment health	No current view	Sensor readings with limits that raise work
Unexpected downtime	Frequent breakdowns	40% lower
Diagnosis and planning	Slow	25% faster
Audits	History hard to find	Complete maintenance history on hand

06 How it rolled out

1

Needs assessed. The client and the Asset Infinity team reviewed maintenance workflows specific to electronics manufacturing.

2

Configured to their process. Maintenance schedules, sensor monitoring and history tracking were set up to match the client's own processes.

3

Sensors connected. Sensors were fitted to production equipment and connected to Asset Infinity.

07 The results

20% increase in overall operational efficiency

- Maintenance history supports regulatory compliance and audit preparation.
- Fewer missed maintenance tasks.

08 Why it worked

Early warning from sensors

Readings outside their limits raise work orders, so the team reaches a machine before a fault stops the line.

Plans that do not depend on memory

Preventive plans create work when it is due, so no area's maintenance slips because a schedule was kept on paper.

History that pays twice

The same records speed up diagnosis on the floor and audit preparation in the office.

09 Looking ahead

With planned maintenance, sensor readings and complete histories in one system, the manufacturer keeps its production equipment running and spends less time diagnosing problems.

The record built for every machine supports both day-to-day decisions and regulatory audits, and it gives the team the trends it needs to keep improving uptime.

See it on your own assets

A 30-minute demo, set up for a manufacturer or plant maintenance team.

The client's name is withheld for confidentiality. Results are as reported by the client.

Book a demo

Start a 14-day free trial