iMaintain | Senstronics



CASE STUDY

Turning Maintenance Data into Measurable Value

7th - 24th July 2026

This initial ROI review summarises the measurable value realised by Senstronics from using iMaintain during the review period. It highlights time savings from operational workflows and the estimated opportunity related to repeat events identified through the data.

Scope at a Glance

- **18** monitored assets
- **12** assets with data
- **13** active users
- **5** feedback responses

Proven Early Value – Shift Handover

39-58.5 hours
Total time saved across the review period

65-97.5 hours
Monthly projected engineering hours saved across 3 shifts and 13 engineers

Repeat-Event Opportunity Identified

82
Repeat occurrences across top five issues

118.7 hours
Downtime Reduction Potential

£191,414
Identified Downtime Cost Opportunity

Estimates are based on frequency and historical effort to resolve similar events. They are indicative and not a guarantee of future results.

Business Impact

- Time saved on manual operational workflows
- Clear visibility of repeat events and patterns
- Better informed maintenance decisions
- Support for team productivity and focus

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Shift-handover calculation

Quantified time spent on shift handovers using iMaintain across all users and shifts.

Estimated saving per engineer, per shift	10–15 minutes
Estimated saving across 13 engineers, per day	2.2–3.25 hours
Saving across the 18-day review period	39–58.5 hours
Projected monthly saving	65–97.5 hours
Monthly platform cost	£585
Implied value needed to cover the cost	£6–£9 per recovered hour

Historical work-order analysis identified 118.7 downtime hours, representing £191,414 in all-time financial exposure.

Repeat-event analysis

Recurring maintenance events surfaced through analysis of existing data, highlighting targets for planned maintenance activity.

Recurring event	Occurrences in last year
LVHP gas bottle changes	22
UCR02 gas bottle changes	19
UCR04 gas bottle changes	19
UCR01 pressure-controller faults	17
PECVD 01 lower-electrode cover changes	5
Total occurrences identified	**82**

Downtime reduction

The table below illustrates calculations for downtime reduction. Actual results are not claimed.

Reduction scenario	Downtime hours saved	Financial value
5% reduction	Approximately 5.9 hours	£9,571
10% reduction	Approximately 11.9 hours	£19,141
20% reduction	Approximately 23.7 hours	£38,283

User feedback

Feedback collected from active users provides qualitative insight into the value of iMaintain.

Feedback from Senstronics maintenance engineers reflects a product delivering high value in specific workflows, including with shift handovers, while troubleshooting adoption remains an area for further development.

> "I am excited to see how iMaintain can help our technicians get the information they need faster, support us in root cause analysis, and also help improve our PM's by recognising trends in repeat failures."
>
> **James Hunter**
> Head of Engineering, Senstronics

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