

NHS Net Zero Case Study

Extending the Life of Medical Equipment Through Servicing, Calibration and Repair

Organisation: Viamed Ltd

Reporting Period: 2025

Background

Viamed Ltd supplies, services, calibrates and repairs medical equipment used throughout the NHS. As a specialist supplier, we recognise that extending the operational life of equipment can significantly reduce waste, minimise embodied carbon and reduce the environmental impact associated with manufacturing and replacing products.

Our sustainability approach supports the NHS Net Zero ambition by promoting repair before replacement wherever it is safe, practical and economically viable.

The Challenge

Medical equipment often reaches end users long before the end of its technical service life.

Premature replacement increases:

- Manufacturing emissions
- Raw material consumption
- Packaging waste
- Transport emissions
- Disposal of functional equipment

As a company providing ongoing technical support, Viamed sought to maximise equipment life while maintaining safety, reliability and regulatory compliance.

Our Approach

Viamed provides a comprehensive servicing and calibration programme for medical equipment supplied to NHS organisations.

Where practical we:

- Carry out preventative maintenance.
- Repair equipment rather than recommend replacement.
- Replace individual components where appropriate.
- Calibrate equipment to maintain accuracy and performance.
- Return equipment to service following repair.
- Recycle electronic components and packaging where possible.

- Reuse suitable incoming packaging materials within our own operations.

These activities reduce waste generation and help customers obtain the maximum practical life from existing assets.

Environmental Benefits

By extending equipment life, Viamed contributes towards:

- Reduced demand for new equipment manufacture.
- Lower embodied carbon associated with replacement products.
- Reduced packaging consumption.
- Lower transport emissions associated with replacement deliveries.
- Reduced electronic waste.
- Improved resource efficiency through circular economy principles.

The company also supports wider sustainability initiatives through responsible procurement, supplier engagement, recycling programmes and continued improvement of environmental performance.

Benefits to the NHS

Our servicing and repair approach helps NHS organisations by:

- Extending the operational life of medical equipment.
 - Reducing whole-life ownership costs.
 - Minimising unnecessary equipment replacement.
 - Improving equipment availability through timely servicing and repair.
 - Supporting NHS sustainability and Net Zero objectives.
 - Reducing waste generated throughout the equipment lifecycle.
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Future Commitments

Viamed Ltd will continue to strengthen its contribution to NHS Net Zero by:

- Expanding supplier sustainability engagement.
 - Improving Scope 3 emissions reporting.
 - Increasing supply chain transparency.
 - Supporting responsible procurement.
 - Continuing annual carbon reporting.
 - Maintaining and developing repair-first servicing practices wherever appropriate.
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Outcomes

Although the environmental benefit of each individual repair may be modest, the cumulative effect across many items of medical equipment supports a reduction in waste, conserves resources and contributes to lower lifecycle carbon emissions.

Viamed Ltd remains committed to supporting NHS organisations through sustainable servicing practices, responsible procurement and continual environmental improvement.