

Accelerate Your Time to Market

Drive Up Productivity and Reduce Delivery Time

Improve asset utilisation to a world class 60%.

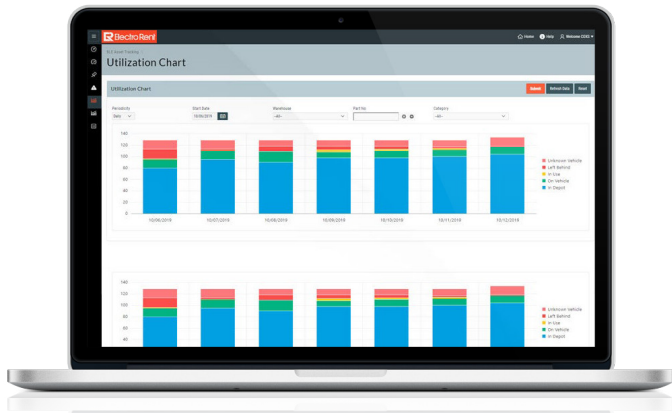
A key challenge across industries, including aerospace and defence and semiconductors, is the lack of visibility of test equipment location, use and calibration status. The typical utilisation of test assets at many companies is in the 20% to 30% range. Many large organisations can have tens, or even hundreds, of thousands of pieces of test equipment, often with between 10,000 and 100,000 units not being used. With advanced capabilities that provide accurate inventory tracking, these organisations can share equipment better across divisions or programs and avoid purchasing unnecessary equipment.

An integrated asset optimisation solution can help organisations manage their assets more effectively with the right visibility into the location, utilisation, and calibration status of assets, giving them the ability to make better decisions.

Implementing an effective asset optimisation solution gives organisations:

- **Better insights and visibility.** Central to any asset optimisation solution is an effective system of tracking and monitoring test assets across the organisation. Technology plays an important role here. With accurate asset information, including location, availability and technical specification, at their fingertips, engineers and managers can make more informed decision.
- **Improved utilisation.** With co-ordinated purchasing and sharing of test assets across the organisation, engineers can make the best use of equipment available. This drives down costs and drives up productivity.
- **Greater availability.** With more efficient and effective storage, maintenance and calibration management, asset availability is greatly improved. This reduces lead times for getting assets to where they are needed, boosting productivity.

This frees engineers to concentrate on what they do best and ensures they always have the equipment to hand to do their job efficiently. It drives productivity, and ultimately accelerates time to market, making companies more competitive and faster to react to market changes as they happen.



Many organisations still rely heavily on manually intensive and cumbersome spreadsheets to understand the status of existing test equipment. With the right insights, they can make better equipment-related decisions and easily achieve millions in savings while improving engineering efficiency. This allows them to reduce TCO (Total Cost of Ownership), have the latest technology to hand, boost utilisation and improve time to market.





A Recipe for Success

Three critical success factors are essential to achieve the benefits from an asset optimisation solution in the shortest time.

1

A vision

A clearly articulated understanding of the potential benefits that an asset optimisation solution can provide and how it changes life in the organisation.

2

Strong executive sponsorship

To build a new capability inside the organisation requires changes in processes, systems, and metrics which must be supported from the top.

3

IT support

From the first download of existing asset data to possible integration with the organisation's ERP system, strong collaboration with the client IT group is crucial.

Asset Optimisation in Action

An example showing how an asset optimisation solution has driven improvements in productivity and test asset utilisation.

A leading defence contractor found that critical testing assets were often unavailable, with 12% of equipment without proper calibration specifications. This caused delays and unplanned expenses on numerous engineering projects. In addition, since nearly half of the assets were at least two generations behind in terms of technology, utilisation rates were less than 20%.

By implementing an asset optimisation solution, **lab managers spent 20% less time managing and sourcing assets**, freeing up more time for core responsibilities. The system also allowed engineers to use parameter-based searching of test equipment based on customer specifications, boosting productivity.

Management and leadership teams could now monitor the complete test history of any asset, significantly reducing time spent on out-of-tolerance events from months to minutes and leading to lower costs and increased efficiency.



Read the full case studies and learn more about asset optimisation on our website.

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