

A background image showing several military helicopters in flight against a cloudy sky. The helicopters are silhouetted against the lighter clouds, with some showing more detail like rotor blades and landing gear.

IMPROVING EFFICIENCY IN TESTING OPERATIONS

An Electro Rent Customer Solution

Leading Defense Contractor Reduces Testing Costs by Nearly 10%, Improves Labor Productivity

THE CHALLENGE

A leading defense contractor faced numerous challenges tracking and managing their test and measurement assets. Since multiple legacy systems were in use, visibility of important key metrics was lacking. For instance, there was no easy way for engineers to determine asset status, usage, or future availability. In addition, these systems could not capture test history or track out-of-tolerance instruments.

Critical testing assets were often unavailable because 12% of equipment lacked proper calibration specifications, leading to 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, utilization rates were less than 20%.

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ELECTRO RENT ACTIONS

Electro Rent conducted an in-depth audit of the client research and development labs, identified assets that did not meet calibration specifications, and implemented an asset optimization solution that interfaced with existing legacy systems.

The new system allowed quick and easy searches based on specific options and parameters. It also identified underutilized assets and provided estimated market pricing to speed the disposal of those assets.

RESULTS AND BENEFITS

With the new system, lab managers spent 20% less time managing and sourcing assets, which freed up more time for core responsibilities. The system also allowed engineers to use parameter-based searching of test equipment based on DoD specifications for each project.

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.

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WE'RE READY TO HELP

Our experts are available to assist with your asset optimization needs. Reach us by email info.asia@electrorent.com, info.india@electrorent.com or WhatsApp **+60 12 998 8753**.