



IMPRES™ BATTERY FLEET MANAGEMENT

BETTER EFFICIENCY. BIGGER SAVINGS.



KEY BENEFITS

Tells you when batteries are near end-of-life so you can purchase replacement batteries as needed

Reduces the cost of maintaining a spare battery inventory

Determines if batteries are meeting your performance criteria

Helps ensure users have enough capacity, preventing unnecessary battery purchases

Flags potential problems including batteries that can no longer hold a minimum charge

Identifies batteries that are missing, misplaced or inactive

Confirms chargers are appropriately distributed throughout your organization

When a battery fails and communication is lost, it impacts your organization – from serving customers to responding to an emergency. Yet monitoring and maintaining the status of a large fleet of batteries can eat up time and money and beat up operational efficiency.

IMPRES Battery Fleet Management saves you the guesswork, complexity and costs of managing hundreds or thousands of radio batteries and chargers wherever they are located. Because Battery Fleet Management reduces this time-consuming task to minutes, you can monitor batteries easily and effectively and your people can work safely and productively.

THE CHALLENGE

The high cost of low-performing batteries

Whether they're communicating from the factory line or the fire line, your workers depend on reliable communications to get the job done, efficiently and safely. Healthy batteries can make a significant difference between time lost and productivity gained. But managing and maintaining an extensive fleet of batteries can be daunting and time-consuming. Without accurate information on battery performance, you could be making decisions that cost thousands of dollars each year.

Imagine the impact on productivity when a factory supervisor loses radio power during a shift or the risk to safety when a police officer loses communications on a foot chase. Or the inefficiency when a resort director can't reach security during a large corporate event. Your employees count on you to make sure their radio batteries keep working strong, the whole shift long.

What to do? You could stock up on batteries and give two to every user while storing a box of spares to ensure they make it through a shift. That solution is extremely costly, particularly if you've been asked to reduce expenses.

You could manually track battery status using the data from the charger and radio displays, if available. But if you're overseeing a mid-to large-size battery fleet, collecting data and analyzing it to make informed decisions is challenging. Or you could leave it up to your workforce to monitor the health of their batteries and hope they are proactive.

THE SOLUTION

IMPRES Battery Fleet Management: Better information for better decision-making

IMPRES Battery Fleet Management eliminates the guesswork and expedites the entire process by streamlining battery management to mere minutes. Battery Fleet Management automatically and remotely retrieves key battery data from any compatible IMPRES charger so you can make accurate and informed decisions.

IMPRES Battery Fleet Management collects information each time an IMPRES battery is inserted into an IMPRES charger. You choose whether you want to view predefined or user-customized reports. Easy-to-read charts and graphs simplify and streamline fleet management even with a large fleet of batteries.

Predefined reports include a database of all active batteries; active batteries nearing end of life; battery purchase reports for batteries reaching end of service life; lost battery report; charger utilization report and more to keep communications reliable and productive.



SYSTEM ADMINISTRATORS

CUT COSTS WHILE YOU INCREASE EFFICIENCY AND PRODUCTIVITY

With IMPRES Battery Fleet Management, you can make the most from your existing fleet and avoid buying more spare batteries than you need. It eliminates the guesswork that leads to uninformed or excessive purchases. And is a business-critical tool that provides battery data that is current, accurate and comprehensive.

Because IMPRES Battery Fleet Management gives you the data you need on battery health, you can avoid relying on a calendar date or worker complaints

to replace batteries, stop throwing away batteries prematurely, and set parameters that alert radio users when to replace batteries.

If you're responsible for managing a medium to large fleet of IMPRES two-way radio batteries, now you can significantly cut costs and dramatically improve your productivity by automating purchase reports, identifying problems quickly, categorizing exact battery capacity needs for every employee and optimizing charger use.

RADIO USERS

BE CONFIDENT YOUR BATTERIES WORK AS LONG AS YOU DO

Giving employees healthy, long-lasting batteries that work throughout a long work shift not only helps increase productivity, but their confidence and safety, too. First responders no longer have to take time off the streets to return to the station with a non-working radio battery. Security personnel don't have to double back to get instructions from resort management. And factory supervisors can stay on the job rather than leaving to exchange one battery for another.

IMPRES Battery Fleet Management is transparent, too. Simply place the battery in the charger as usual and the program automatically captures data and generates reports. So you can be confident your battery is reliable, healthy and working well – the entire shift and beyond.



PAYS FOR ITSELF WITH EVERY BATTERY

In a world where resources and budgets are stretched thin, and proving fiscal responsibility with every purchase is critical, IMPRES Battery Fleet Management more than pays for itself. The following is an example of how two public safety agencies—each with 20 precincts and 500 radio users—manage their battery fleets, impacting their total capital expenditures over six years.

Public Safety Agency A manages the battery fleet manually, purchases a spare battery for each radio user plus a pool of extra batteries (.5 batteries per user) totaling 750 spare batteries.

Public Safety Agency B uses IMPRES Battery Fleet Management and only purchases a pool of 500 spare batteries, providing a spare to radio users' whose battery capacity do not meet minimum requirements.

| | AGENCY A NO FLEET MANAGEMENT | AGENCY B WITH FLEET MANAGEMENT |
|---|------------------------------------|--------------------------------------|
| Total number of users | 500 | 500 |
| Number of additional batteries allocated per radio user | 1.5 | 1 |
| Total spare battery pool | 750 | 500 |
| Average IMPRES battery cost | \$130 | \$130 |
| Initial spare battery investment | \$97,500 | \$65,000 |
| Average number of replenishments over a 6 year radio life | 3 | 3 |
| Investment in IMPRES battery replenishments | \$292,500 | \$195,000 |
| Fleet Management Software | \$0 | \$495 |
| Charger Interface Units (50 Multi unit chargers) | \$0 | \$4,000 (\$80 each) |
| Total battery and charging investment | \$390,000 | \$264,495 |
| TOTAL CAPITAL SAVINGS | | \$125,505 32% SAVINGS |

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In a world where resources and budgets are stretched thin and proving fiscal responsibility with every purchase is critical, IMPRES Battery Fleet Management more than pays for itself.

Take a look at how two public safety agencies—each with 20 precincts and 500 radio users—manage their battery fleets. Then see how this impacts total capital expenditures over six years.

Agency A manages their fleet manually, purchasing a spare battery for each radio user plus a pool of extra batteries (.5 batteries per user) or 750 spare batteries.

Agency B uses IMPRES Battery Fleet Management and also purchased a spare for every radio user or 500 spare batteries.

ASSUMPTIONS: Every Motorola radio in this scenario was initially shipped with an IMPRES battery. This example denotes the savings related to the purchase of spare and replacement batteries when managing the fleet with IMPRES Battery Fleet Management.

APPLICATION BRIEF
SYSTEM ADMINISTRATORS/RADIO USERS

For more information on Motorola's proprietary IMPRES technology in batteries, chargers and accessories, visit www.motorolasolutions.com/caribbean/businessradios or contact your Motorola representative.

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