IMPRES™ BATTERY FLEET MANAGEMENT

TURN BETTER DATA INTO BETTER DECISION-MAKING

MANAGE BATTERIES THAT WORK, WITHOUT THE GUESSWORK

A radio is only as good as the battery that powers it. So when a battery fails and communication is lost, it impacts every aspect of your organization from serving customers to saving lives. But monitoring and maintaining the status of a large fleet of batteries can be time-consuming, inefficient and potentially overwhelming.

That's why we created our proprietary IMPRES™ Battery Fleet Management technology. It saves you the guesswork, complexity and costs of managing hundreds even thousands of radio batteries and chargers wherever they're located, and makes it easier for your employees to do their work safely and successfully.

GET BETTER DATA TO MAKE BETTER OPERATIONAL DECISIONS

Why IMPRES?

From the beginning, IMPRES batteries were designed as an integral part of our two-way radios for optimal performance. Now we've taken IMPRES technology a step further with software that automatically collects data from your IMPRES battery each time its placed in your battery charger, then quickly compiles it into valuable reports for "information at a glance." No other manufacturer delivers this patented technology and comprehensive capabilities.

How does it work?

Our IMPRES Battery Fleet Management software automatically collects critical data from IMPRES batteries when they are inserted into an IMPRES charger including battery age, capacity, charge and recondition history, the dates manufactured and put into service. This software analyzes battery data and tells you how "healthy" a battery is and when it needs to be changed, so you can quickly and efficiently determine when to remove a poor-performing battery, purchase a new one or redeploy it to less demanding users, and even identify missing batteries.

MAKE EVERY WORK DAY MORE PRODUCTIVE AND EVERY WORKER SAFER

In the heat of a structure fire or the heart of a construction site, radio users must be confident their batteries will last an entire shift and be ready right when they need them. IMPRES Battery Fleet Management gives them the key information they need. Now they'll know how long batteries will last and feel confident they can communicate at full potential.

Radio users don't have to remember if a battery is charged or deal with the frustration of operating a device with a weak battery. Instead, batteries can be pulled out of service before a shift and proactively replaced before they reach end-of-life.

Impres Battery Fleet Management delivers battery-critical information

- Tells you when batteries are below an acceptable capacity
- Helps ensure users have enough capacity for a full work shift
- Alerts you to low capacity batteries so you can remove them
- Eliminates unexpected downtime and work interruptions
- Avoids the expense of throwing batteries away prematurely
- Confirms chargers are optimally distributed and used
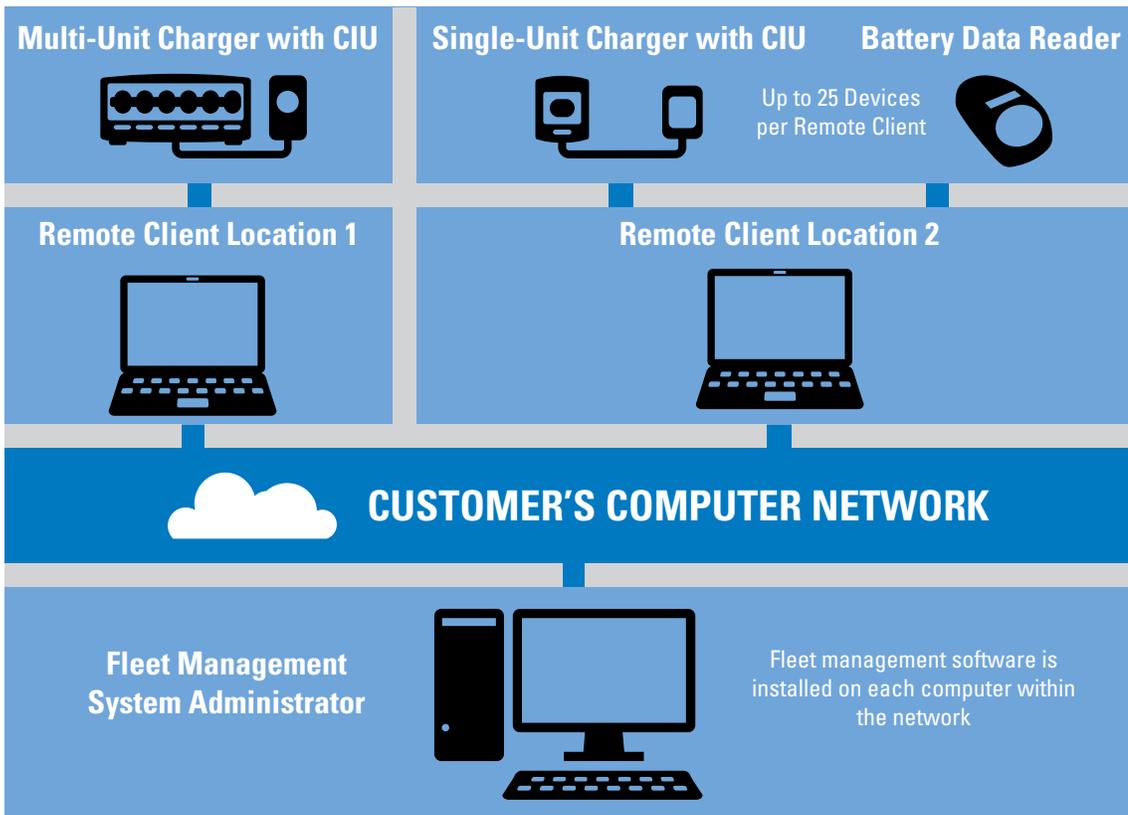
BOOST EFFICIENCIES AND BRING DOWN COSTS

Are you replacing all batteries on a certain date, whether you need to or not? Responding to worker complaints that batteries are losing their charge too quickly? Unsure if they're properly charged or reconditioned?

IMPRES Battery Fleet Management eliminates the guesswork, uncertainty and frustration. Because it automatically retrieves data on the exact status and health of every battery in your fleet, you avoid the

waste and expense of replacing batteries prematurely. And help ensure that batteries aren't used beyond their recommended life – reducing downtime, work interruptions and operational inefficiencies.

The initial cost of IMPRES software is a shrewd investment that pays back over a long period of time. It not only is designed to increase battery reliability and performance, but can improve worker safety and productivity, too.

Motorola products have strong sustainability benefits. IMPRES Chargers have technology that avoids overcharging and our single-unit IMPRES chargers with external power supplies consume 40 percent less energy in standby mode than required by the U.S. Energy Independence and Security Act of 2007.

Multi-Unit Charger with CIU

Single-Unit Charger with CIU

Battery Data Reader

Up to 25 Devices per Remote Client

Remote Client Location 1

Remote Client Location 2

CUSTOMER'S COMPUTER NETWORK

Fleet Management System Administrator

Fleet management software is installed on each computer within the network

SIMPLE, SEAMLESS AND SCALABLE

IMPRES Battery Fleet Management consists of three major components: the application software, a software license key and the Charger Interface Unit (CIU). A CIU is required to network each IMPRES multi-unit charger or single-unit charger* into the system. However, IMPRES dual unit chargers and the IMPRES Battery Readers do not require a CIU.

The IMPRES Battery Fleet Management application software is scalable from a single site to a multi-site networked system and can be networked to support

up to 25,000 batteries in the same location or over geographically dispersed areas.

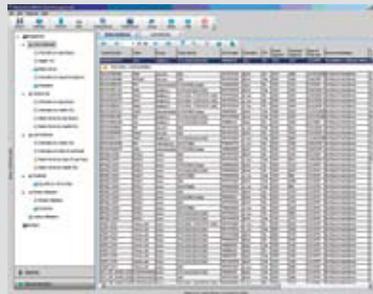**Each Software License Supports:**

- 1 System Administrator Server

- 19 Remote Clients

- 25 IMPRES Chargers or IMPRES Battery Readers per client

- 25,000 IMPRES Batteries (the total number of batteries for the entire system cannot exceed 25,000)

* The XTS single-unit charger (WPLN4111) does not support the IMPRES Battery Fleet Management single-unit CIU.
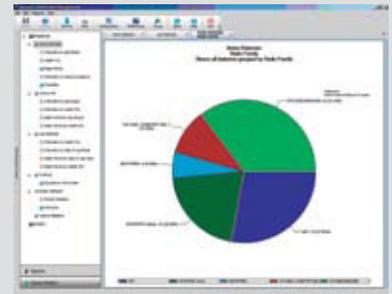
VIEW CURRENT REPORTS OR CREATE CUSTOM ONES

Use existing reports or customize new ones to see the most relevant information for your organization. Data is stored in your database and can be exported to an Excel file or printed. IMPRES Battery Fleet Management software records and organizes a variety of data so you can:
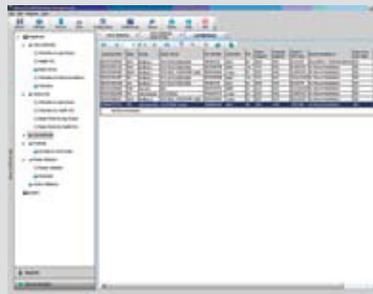
- See a status snapshot of your entire battery fleet
- Evaluate whether batteries are meeting your performance criteria
- Determine when batteries are nearing their end-of-life
- Decide exactly when to buy new batteries
- Get a lost battery report
- Optimize your charger utilization
- Monitor all devices in the system

Active battery report

Batteries in use by radio family

Lost battery by location

Charger pocket utilization

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

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