IMPRES™ BATTERY MANAGEMENT
SAFER, SMARTER, POWERED FOR LONGER

YOUR BATTERY
SAFER, SMARTER, POWERED FOR LONGER

Your radio is only as good as the battery that powers it. When your radio battery fails and communication is lost, it impacts the performance and safety of your organization — whether you're operating an industrial facility, serving customers in a hotel or saving lives. Yet maintaining a large fleet of batteries can be frustrating, time-consuming and costly.

The IMPRES Battery Management application makes all the difference. It eliminates the guesswork, complexity and expense of managing hundreds — even thousands — of batteries, wherever they are. With IMPRES, you can count on your radios to power up in the moments that matter.


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IMPRES IS THE DIFFERENCE BETWEEN "READY" AND "RAN OUT"

Only IMPRES Battery Management provides the most accurate information on each battery in your fleet so you know they're fully charged and will last the entire shift.

IMPRES software automatically collects battery-critical data including capacity, charge and recondition history, and put-in-service dates.

Because IMPRES batteries can be charged 150 times more than standard batteries, you stock fewer spares and replace fewer batteries.

ONLY IMPRES BATTERIES CAN BE CHARGED
150 TIMES MORE THAN STANDARD BATTERIES
AND LAST 43% LONGER

At 60% Capacity: 43% INCREASE IN CHARGE CYCLES

CAPACITY

CHARGE CYCLES
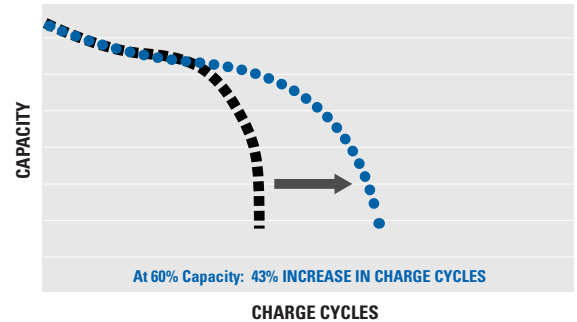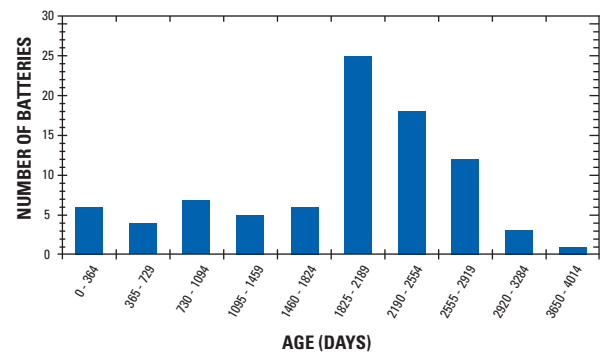
COMMUNICATE CONTINUOUSLY, WORK EFFICIENTLY

IMPRES Battery Management delivers battery-critical information to enhance the performance and safety of your organization.

- Tells you when batteries are below your specified minimum capacity
- Ensures there is enough capacity for an entire shift
- Eliminates unplanned downtime and work interruptions
- Avoids the expense of throwing batteries away prematurely
- Decreases the need for excess battery inventory
- Asset tracking for batteries and in the OTA version, for radios

REAL TIME BATTERY HEALTH REPORT
ENABLES IMMEDIATE BATTERY HEALTH AND CAPACITY QUERYING

AGE IN DAYS
SHOWS ALL BATTERIES GROUPED BY AGE (DAYS)

IMPRES BATTERY MANAGEMENT
IN THE CHARGER

IMPRES BATTERY MANAGEMENT VIA NETWORKED CHARGERS

IMPRES Battery Management collects accurate, up-to-the-moment information each time an IMPRES battery is inserted into an IMPRES charger. You'll know how long batteries will last and be confident anyone using a radio can communicate at full potential.

IMPRES Battery Management helps you monitor and manage battery health in real time. It is designed for APX™, XTS®, MOTOTRBO™ XPR Series and HT Professional radios.

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

Up to 20 Clients per license

CUSTOMER'S COMPUTER NETWORK

Fleet Management System Administrator

Fleet management software is installed on each computer within the network
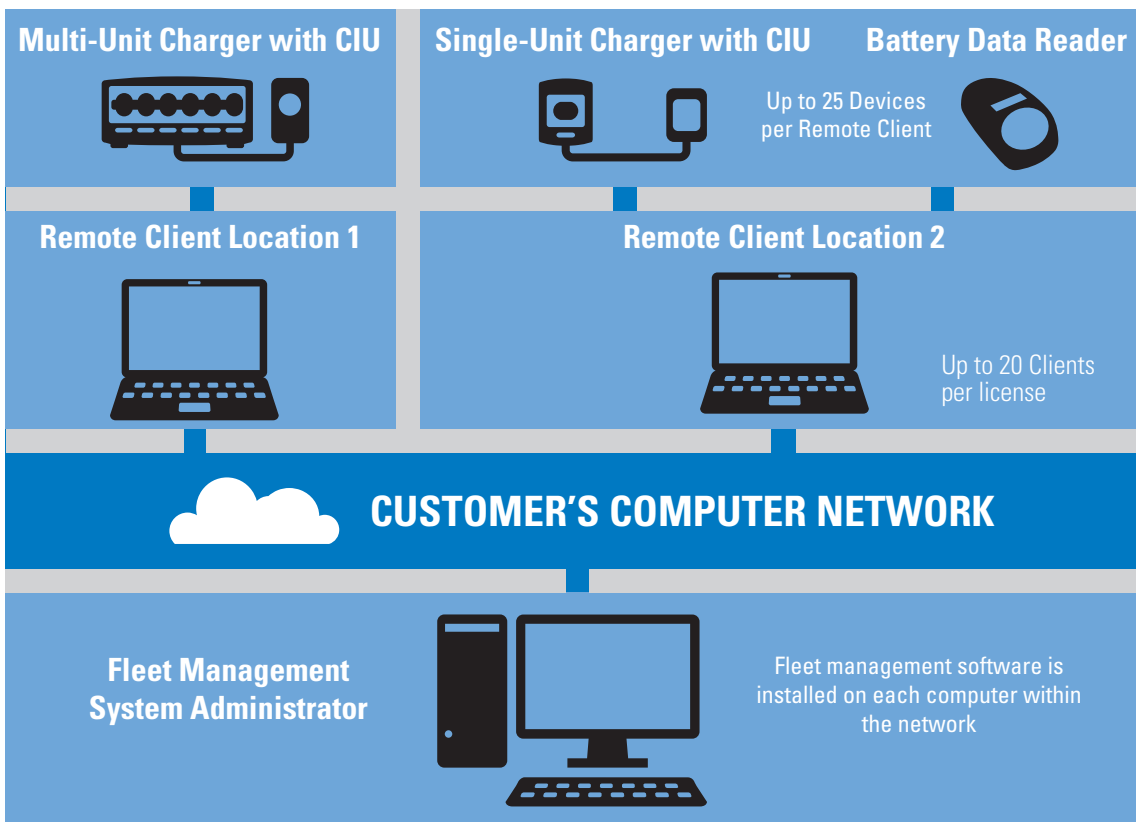
IMPRES BATTERY MANAGEMENT
OVER THE AIR

NEW IMPRES OVER THE AIR (OTA) BATTERY MANAGEMENT

IMPRES OTA Battery Management, for XPR 7000 or XPR 3000 Series radios when used with IMPRES batteries, automatically collects battery information over the air while radios are in use. It eliminates the need for wired network connections and a computer at charger locations. It also enables real-time data querying of any radio in the field and adds radio related data for radio asset tracking and other uses.

IMPRES OTA Battery Management requires MOTOTRBO XPR 7000 and XPR 3000 radios with software upgrade 2.4 and IMPRES Battery Management software 2.0 and a software license key. See ordering guide on page 7 for detailed information.

The IMPRES OTA Battery Management application communicates with the radio system through an IP Data Gateway in one of two ways, through the Motorola Network Interface Service (MNIS), which communicates via IP to the system, or a mobile radio configured as a control station.

1. Motorola Network Interface Service (MNIS)

Battery   Radio   OTA   Radio System   IP   NETWORK   IP

2. Mobile radio configured as a control station

Battery   Radio   OTA   Mobile Radio

MOTOROLA
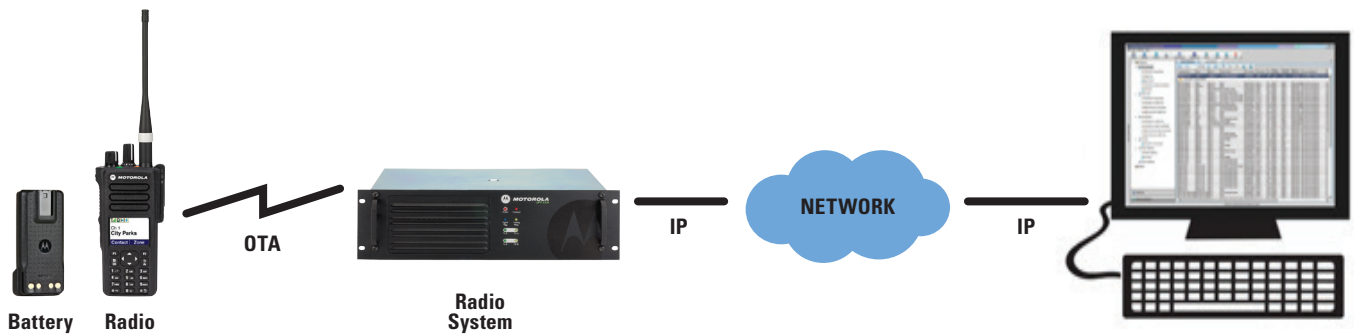
GAUGE BATTERY STATUS
AT A GLANCE

IMPRES BATTERY READER

The IMPRES Battery Reader provides data similar to IMPRES Battery Management. It provides charging, reconditioning and key usage data that can affect overall battery performance. By enabling quick data-based diagnostics, the IMPRES Battery Reader helps optimize talk time, improve cycle life and reduce battery replacement.

The Battery Reader is a stand alone tool that is ideal for a technician's workbench to enable quick, individual battery analysis.

IMPRES BATTERY READER

This standard package (NNTN7392) includes:

- IMPRES Battery Reader
- USB cord
- HT Series adapter insert
- MOTOTRBO adapter insert
- APX adapter insert
- System Software CD

- Get a quick view of the battery's ability to hold a charge
- See accurate insights into the age of the battery
- Know each battery's usage and performance
- Track warranty claims and potential battery problems
- Export data to Excel for archiving and easy access in the future
- Install quickly and easily. Simply attach the IMPRES Battery Reader to a PC via the USB port; no additional power is needed
- Works with all IMPRES batteries

Laptop not included

IMPRES BATTERY MANAGEMENT
ORDERING GUIDE

IN THE CHARGER
FOR APX, XTS, MOTOTRBO XPR 3000, XPR 6000 and XPR 7000 SERIES AND HT PROFESSIONAL RADIOS

To deploy IMPRES Battery Management:

• **Download NNTN7676** IMPRES Battery Management Software

• **Purchase HKVN4036** Entitlement ID(s) for up to 20 PCs

• **Purchase NNTN7677** Charger Interface Unit for each Multi-Unit Charger and/or
  NNTN8045 Charger Interface Unit for each Single-Unit Charger

The APX Dual Unit Charger accommodates a standard USB cable

OVER THE AIR
FOR MOTOTRBO XPR 7000 and XPR 3000 SERIES RADIOS

To deploy IMPRES OTA Battery Management:

• **Download NNTN7676** IMPRES Battery Management Software

• **Purchase HKVN4036** Entitlement ID(s) for up to 20 PCs

• Upgrade radio software to 2.4 or later

IMPRES OTA Battery Management is supported by the following MOTOTRBO Systems:

• Direct Mode (12.5e and 6.25e)

• Single Site Repeater

• IP Site Connect

• Capacity Plus

• Linked Capacity Plus

NOTE: Not compatible with Connect Plus

CHARGER INTERFACE UNIT (CIU)

Purchase 1 CIU for each IMPRES charger you want to network into IMPRES Battery Management. The APX Dual Unit Charger and IMPRES Battery Reader do not require a CIU and can be networked into IMPRES Battery Management with a standard USB cable.

Multi-unit Charger Interface Unit	NNTN7677	APX, XTS, HT, MOTOTRBO*
Single-unit Charger Interface Unit	NNTN8045	APX, HT, MOTOTRBO*

• Each computer can have up to **25 devices connected** to it. These include: IMPRES Multi-Unit Chargers (APX, XTS, MOTOTRBO or HT Professional), IMPRES Single Unit Chargers (APX, MOTOTRBO or HT Professional), APX Dual Unit Chargers and one IMPRES Battery Reader. Please note, the XTS IMPRES single unit charger is **not** supported.

• A USB hub will be required when the number of devices that need to be connected to a single PC exceeds the available USB ports

• The maximum number of batteries IMPRES Battery Management can accommodate is 25,000

NOTE: Free 90 day trial version available at IMPRES Battery Management Software

*Only MOTOTRBO XPR 6000 Series radios require a CIU. XPR 7000 and XPR 3000 Series Radios support OTA Battery Management.

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