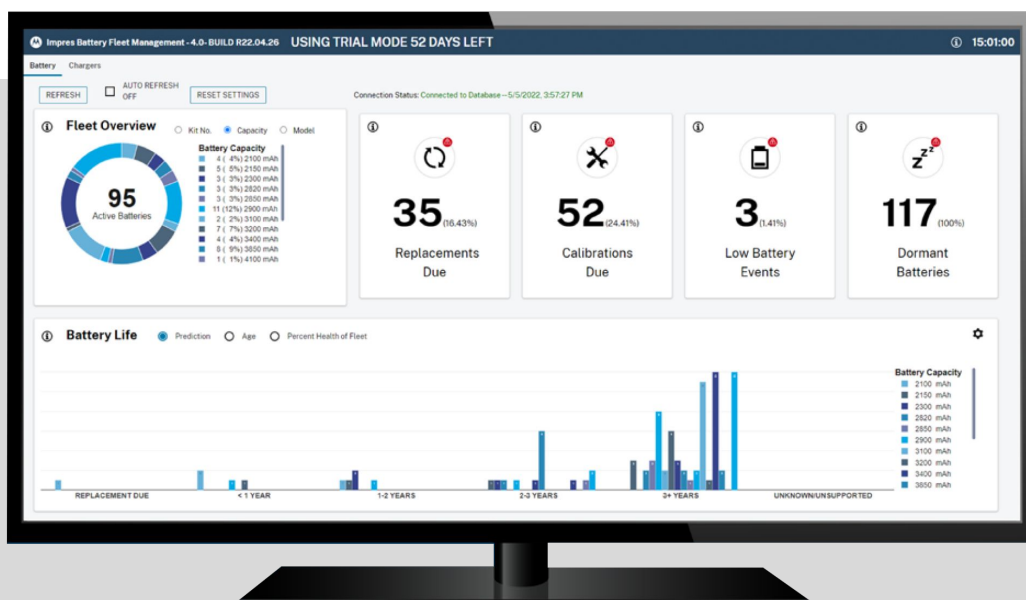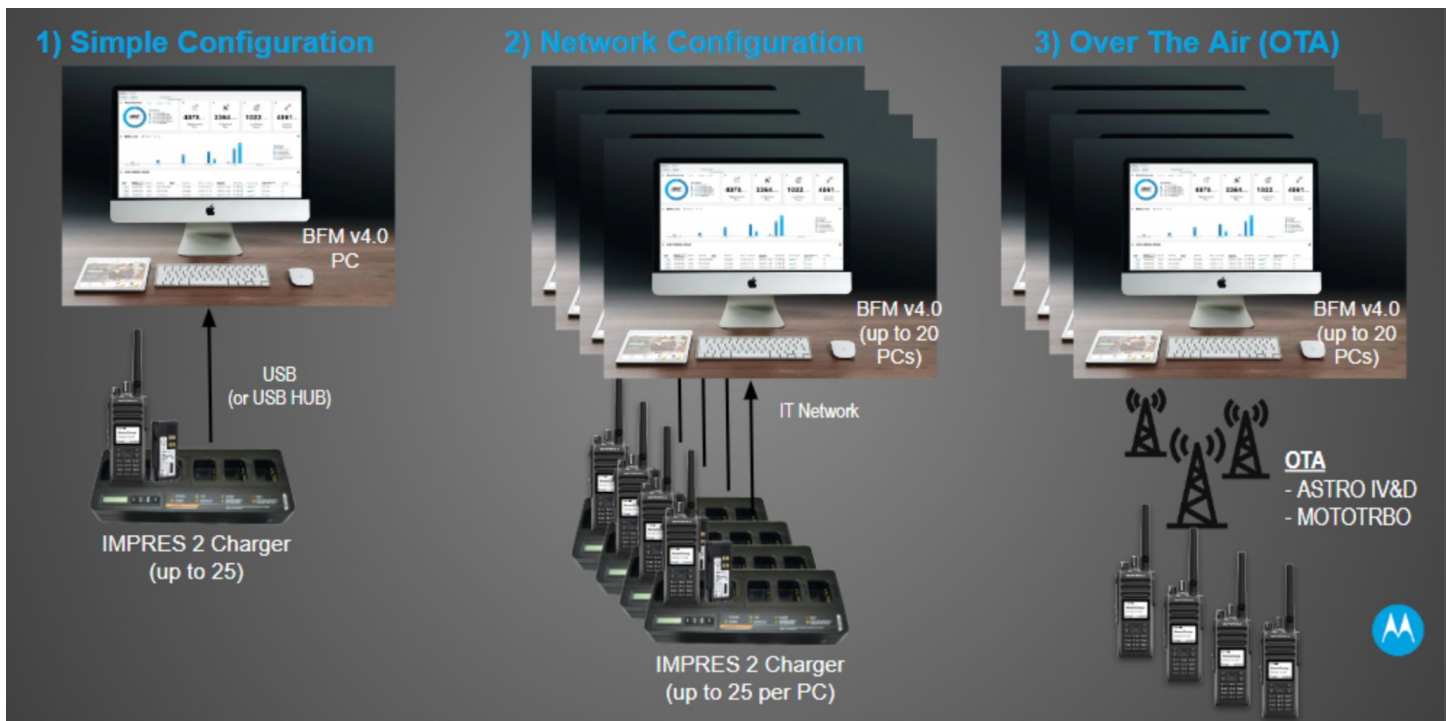# IMPRES™ BATTERY FLEET MANAGEMENT (BFM) V4.0 ORDERING GUIDE

A radio is only as good as the battery that powers it. When a battery fails, communication is lost, and every aspect of your organization is impacted, whether it's serving customers or saving lives. At the same time, monitoring the individual statuses of a large fleet of batteries can be inefficient, time-consuming, and as a result, ineffective.

That's why we created our proprietary IMPRES Battery Fleet Management solution. By collating and displaying data on an intuitive user interface, this solution reduces complexity and costs related to battery and charger management. The battery management and analytics capabilities, ensure optimal fleet performance and enable your employees to work safely and efficiently

MOTOROLA SOLUTIONS

BFM ON-PREM CONFIGURATIONS

Motorola Solutions' Battery Fleet Management (BFM) V4.0 supports the following three (3) on-prem methods of gathering IMPRES battery data:

1. **Simple Configuration**: Single PC with 1-25 IMPRES 2 Multi Unit Chargers* (MUC's) connected via USB (IMPRES batteries in IMPRES 2 Chargers). Most customers will self deploy the "Simple Configuration" of BFM software on their radio shop computer and connect IMPRES 2 chargers via USB to collect data as batteries are dropped in. The following are the PC requirements for the Simple Configuration:

    a. **Server and Client Hardware Requirements** : 8 GB RAM minimum, 10 GB HD Space minimum, 2 GHz CPU Speed minimum , minimum of i5 GEN 8 PC

    b. **Certified Server OS Versions:** Windows 10 Enterprise (64 bit), Windows 10 Pro (64 bit), Windows Server 2019 Standard, Windows Server 2016 Standard, Windows Server 2012R2 Standard

    c. **Certified Client OS Versions**: Windows 10 Enterprise (64 bit), Windows 10 Pro (64 bit), Windows 8.1 Pro (64 bit)

    More details on how to order and deploy this configuration are listed in the Simple Configuration Ordering and Deployment Section.

2. **Network Configuration**: Multiple PC's (up to 20) with 1-25 MUC's each (IMPRES batteries in IMPRES 2 Chargers).

3. **Over-The-Air (OTA) Configuration**: OTA supports APX8000/6000/4000/900 Series radios and MOTOTRBO R7, R7a, XPR, DP, DGP & XiR Series Radios only. All other radio/battery combinations are supported in an IMPRES 2 charger.

For customers who want to proceed with "Network" or "OTA" Configurations, their IT staff can work with Motorola local system integration teams to determine distribution of chargers at strategic locations or even integrate with the radio infrastructure for Over-The-Air (OTA) in order to track which radios have batteries in need of replacement. Reach out to your local pre-sales engineering & system integration team to properly quote these configurations.

*Cable NNTN8870 cable required for Single Unit Charger (SUC). Not required for MUC.

SIMPLE CONFIGURATION: ORDERING AND DEPLOYMENT

IMPRES 2 Charger (up to 25)

- Single PC with 1-25 IMPRES 2 MUC's connected via USB (IMPRES batteries in IMPRES 2 Chargers).

- Note that USB Cables, USB Hubs, IT hardware or Laptop/PC's are NOT included, these need to be supplied separately (refer to minimum PC hardware/OS requirements below)

- Installation & Configuration manuals can be found [here](#)

- To get started, proceed with obtaining the following two (2) BFM v4.0 components:

  - Order the Entitlement ID (EID)

  - Download BFM v4.0 Software (see below).

HOW TO ORDER THE EID

To order IMPRES Battery Fleet Management for the Simple Configuration, follow the steps below:

1. For NA & EMEA, go to [MSI eCommerce Shop](#) (login using your MSI account credentials).

   For LACRand APAC, order via MOL, or contact your Motorola Solutions Sales or Customer Support Representative

2. Order one of the following **Entitlement IDs (EIDs)** for your respective region:

EID MODEL #:	REGION:
[HKVN4036](#)	North America
[HKVN4037](#)	Europe, the Middle East and Africa
HKVN4038	Latin America
HKVN4039	Asia-Pacific

3. You will receive an automatic email order confirmation and your Entitlement ID License will be sent later on via email. The email will come from: "TRBOKEY@motorolasolutions.com"

   - The email subject line will state: "MOTOTRBO Entitlement ID for Motorola Order Number #######"

   - Although the email subject states "MOTOTRBO", BFM v4.0 supports IMPRES 2 chargers for MOTOTRBO, ASTRO & TETRA.

4. MSI Sales Account Managers can also order the BFM v4.0 EID via Salesforce Portal, CPQ Quote Product Menu or using the CPQ Tool.

HOW TO DOWNLOAD THE BFM 4.0 SOFTWARE

1. The BFM v4.0 Software is available to download via the Motorola Solutions **MyView portal. For further assistance, contact your Regional Customer Support team.**

2. Login into your **MyView Portal** Account and go to "Entitlements" → "Software"

3. Search for the BFM software using keywords such as "Battery Fleet Management " or "BFM"

4. Follow instructions to download IMPRES Battery Fleet Management Software v4.0.

5. Follow the Installation & Configuration instructions in the manuals found [here](#)

Note that BFM v4.0 supports the latest versions of IMPRES™1 and IMPRES™2 Batteries via IMPRES 2 chargers. BFM can also support legacy IMPRES™1 chargers with existing Charger Interface Units (CIU's), NNTN7677 (for IMPRES 1 MUC) & NNTN8045 (for IMPRES 1 SUC). However, please be aware that CIU's are no longer orderable as they have been cancelled, but many may still exist in the field.

RESOURCES

- [BFM Brochure](#)
- [BFM Brochure - EMEA](#)
- [BFM_Release Notes](#)
- [BFM_Manuals](#)
  - Installation Manual
  - User's Guide
  - Web Interface User's Guide
  - Technical Troubleshooting

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