

# ASTRO<sup>®</sup> 25 Infrastructure Repair with Advanced Replacement Statement of Work

Version 1.8

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## Infrastructure Repair with Advanced Replacement Overview

Infrastructure Repair with Advanced Replacement is a repair exchange service for Motorola and select third party infrastructure supplied by Motorola. When available, Motorola will provide customer with an advanced replacement unit(s) or Field Replacement Units (FRU's) in exchange for customer's malfunctioning equipment. Malfunctioning equipment will be evaluated and repaired by the infrastructure repair depot and returned to depot's FRU inventory upon completion of repair. For customers who prefer to maintain their existing FRU inventory they have an option to request a "Loaner" FRU while their unit is being repaired. Refer to [Appendix A](#) for details on the loaner process.

The Motorola authorized repair depot manages and performs the repair of Motorola supplied equipment as well as coordinating the equipment repair logistics process.

The terms and conditions of this Statement of Work (SOW) are an integral part of Motorola's Service Agreement or other applicable agreement to which it is attached and made a part thereof by this reference.

### 1.0 Description of Services

Infrastructure components are repaired at a Motorola authorized Infrastructure Depot Operations (IDO). At Motorola's discretion, select third party infrastructure may be sent to the original equipment manufacturer or third party vendor for repair.

#### 1.1 Scope

Repair authorizations are obtained by contacting the Solutions Support Center which is available 24 hours a day, 7 days a week. Repair authorizations can also be obtained online via Motorola Online at under Repair Status/Submit Infrastructure RA.

Motorola Online: <https://businessonline.motorolasolutions.com>

#### 1.2 Geographic Availability

Infrastructure repair with advanced replacement is supported globally; geographic proximity and type of infrastructure will determine the repair facility.

#### 1.3 Inclusions

Infrastructure repair with advanced replacement is available on Motorola sold infrastructure including integrated 3<sup>rd</sup> party products. Motorola will make a "Commercially Reasonable Effort" to repair Motorola manufactured infrastructure products for seven (7) years after product cancellation.

#### 1.4 Exclusions

If infrastructure is no longer supported by Motorola, the original equipment manufacturer or a third party vendor, Motorola may return said equipment to the customer without repair or replacement. The following items are excluded from Infrastructure Repair with Advanced Replacement:

- 1.4.1 All Motorola infrastructure hardware over seven (7) years from product cancellation date.
- 1.4.2. All third party infrastructure hardware over three (3) years from product cancellation date.
- 1.4.3 All broadband infrastructure three (3) years from product cancellation date
- 1.4.4 Physically damaged infrastructure.
- 1.4.5 Third party equipment not shipped by Motorola.



1.4.6 Consumable items including, but not limited to, batteries, connectors, cables, toner/ink cartridges, tower lighting, laptop computers, monitors, keyboards and mouse.

1.4.7 Video retrieval from digital in-car video equipment.

1.4.8 Infrastructure backhaul including but not limited to, antennas, antenna dehydrators, microwave<sup>1</sup>, line boosters, amplifier, data talker wireless transmitter, short haul modems and UPS.<sup>1</sup>

1.4.9 Test equipment.

1.4.10. Racks, furniture and cabinets.

1.4.11. Non-standard configurations, customer-modified infrastructure and certain third party infrastructure are excluded from advanced replacement service.

1.4.11. Firmware and/or software upgrades.

<sup>1</sup> Excluded from service agreements but may be repaired on an above contract, time and material basis. All UPS Systems must be shipped to IDO for repair. Excludes batteries and any on-site services.

## **1.5 Motorola has the following responsibilities:**

1.5.1 Enable customer access to the Motorola call center which is operational 24 hours a day, 7 days per week, to create requests for advanced replacement service.

1.5.2. Use commercially reasonable efforts to maintain FRU inventory on supported platforms.

1.5.3. Provide new or reconditioned FRU's to the customer, upon request and subject to availability. The FRU will be of similar equipment and version, and will contain equivalent boards and chips, as the customer's malfunctioning FRU.

1.5.4. Load firmware/software for equipment that requires programming. The software version information must be provided for the replacement FRU to be programmed accordingly. If the customer software version/configuration is not provided, shipping times will be delayed.

1.5.5 Package and ship Advance Exchange FRU from the FRU inventory to customer specified address.

1.5.5.1. During normal operating hours of Monday through Friday 7:00am to 7:00pm CST, excluding holidays, FRU will be shipped from Motorola as soon as possible dependent upon stock availability and configuration requested. Motorola will pay for the shipping to the customer, unless customer requests shipments outside of standard business hours and/or carrier programs, such as weekend or next flight out (NFO) shipment. In such cases, customer will be responsible for shipping and handling charges.

1.5.5.2. When sending the advanced replacement FRU to customer, provide a return air bill in order for customer to return the customer's malfunctioning FRU. The customer's malfunctioning FRU will become property of the Motorola repair depot or select third party and the customer will own the advanced replacement FRU.

1.5.5.3. When sending a loaner FRU to customer, Motorola will pay for outbound shipping charges. Inbound shipping to Motorola for repair is the responsibility of the customer. Motorola will repair and return the customer's FRU and will provide a return air bill for the customer to return IDO's loaner FRU. Refer to [Appendix A](#) for the loaner process and [Appendix B](#) for shipping charge detail.

1.5.6. Provide repair return authorization number upon customer request for Infrastructure that is not classified as an advanced replacement or loaner FRU.



1.5.7. Provide a repair Return Authorization (RA) number so that the returned FRU can be repaired and returned to FRU stock.

1.5.8. Receive malfunctioning FRU from Customer, carry out repairs and testing and return it to the FRU stock

1.5.9. Receive malfunctioning infrastructure from customer and document its arrival, repair and return.

1.5.10. Perform the following service on Motorola infrastructure:

1.5.10.1. Perform an operational check on the infrastructure to determine the nature of the problem.

1.5.10.2. Replace malfunctioning Field Replacement Units (FRU) or components.

1.5.10.3. Verify that Motorola infrastructure is returned to Motorola manufactured specifications, as applicable

1.5.10.4. Perform a box unit test on all serviced infrastructure.

1.5.10.5. Perform a system test on select infrastructure.

1.5.11. Provide the following service on select third party infrastructure:

1.5.11.1. Perform pre-diagnostic and repair services to confirm infrastructure malfunction and eliminate sending infrastructure with no trouble found (NTF) to third party vendor for repair, when applicable.

1.5.11.2. Ship malfunctioning infrastructure components to the original equipment manufacturer or third party vendor for repair service, when applicable.

1.5.11.3. Track infrastructure sent to the original equipment manufacturer or third party vendor for service.

1.5.11.4. Perform a post-test after repair by Motorola, to confirm malfunctioning infrastructure has been repaired and functions properly in a Motorola system configuration, when applicable.

1.5.12. For loaner equipment, Motorola will ship repaired infrastructure to the customer specified address during normal operating hours of Monday through Friday 7:00am to 7:00pm CST, excluding holidays. FRU will be sent two-day air unless otherwise requested. Motorola will pay for such shipping, unless customer requests shipments outside of the above mentioned standard business hours and/or carrier programs, such as NFO (next flight out). In such cases, customer will be responsible for payment of shipping and handling charges.

## **1.6 The Customer has the following responsibilities:**

1.6.1 Contact or instruct Servicer to contact the Motorola Solutions Support Center (SSC) and request a return authorization number prior to shipping malfunctioning infrastructure or third party infrastructure named in the applicable attached exhibit.

1.6.2 Provide model description, model number and serial number, type of system and firmware version, software options, symptom of problem and address of site id for FRU or infrastructure.

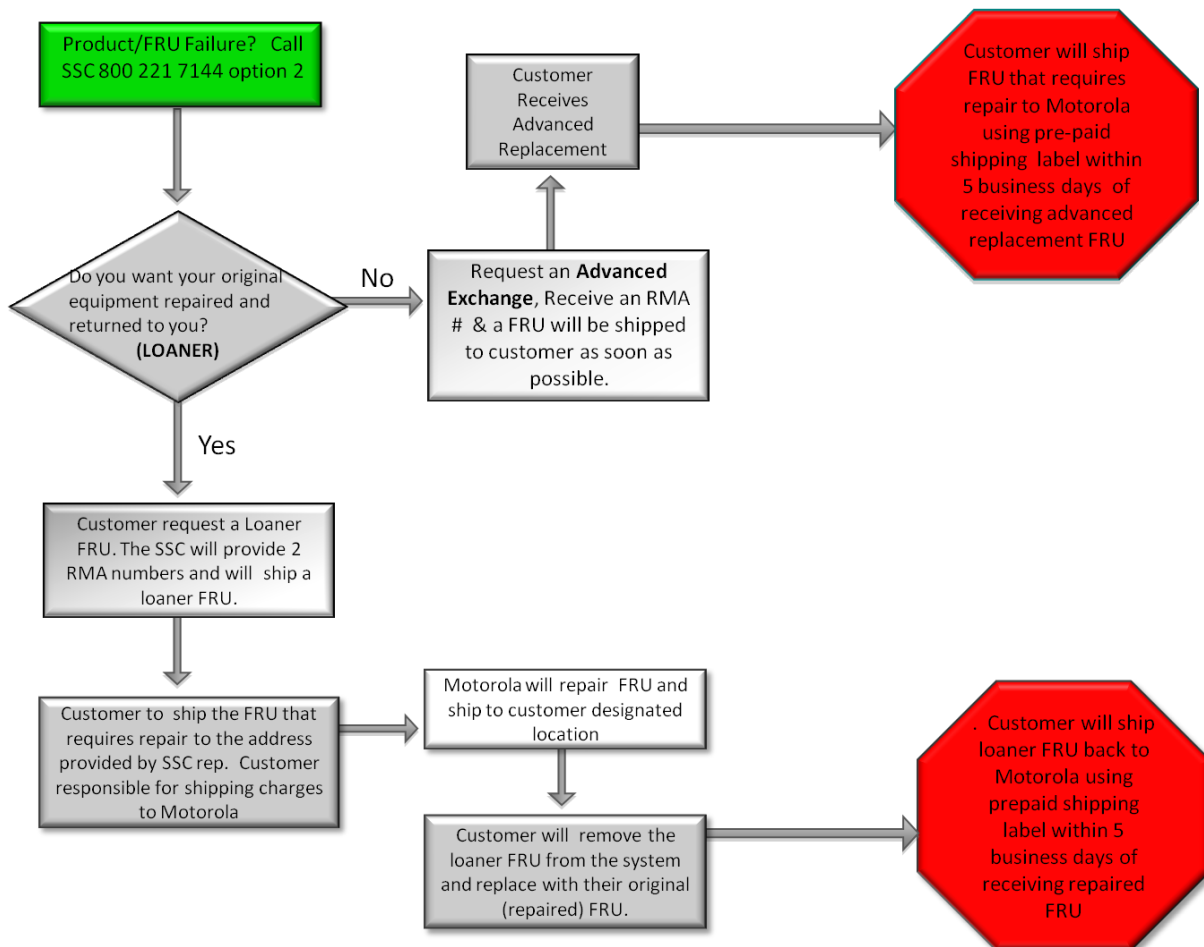
1.6.3 Indicate if FRU or third party FRU being sent in for service was subjected to physical damage or lightning damage.



- 1.6.4 Follow Motorola instructions regarding inclusion or removal of firmware and software applications from infrastructure being sent in for service.
- 1.6.5 Provide customer purchase order number to secure payment for any costs described herein.
- 1.6.6. Pay for shipping of Advanced Replacement or Loaner FRU from Motorola repair depot if customer requested shipping outside of standard business hours or carrier programs set forth in section 1.5.5.1. See [Appendix B](#) for shipping charges.
- 1.6.7. Properly package and ship the malfunctioning FRU using the pre-paid air-bill that arrived with the advanced replacement FRU. Customer is responsible for properly packaging the malfunctioning infrastructure FRU to ensure that the shipped infrastructure arrives un-damaged and in repairable condition. Customer will be subject to a replacement fee for malfunctioning FRU's not properly returned.
- 1.6.8. Within five (5) business days of receipt of the advanced replacement FRU from Motorola's FRU inventory, properly package customer's malfunctioning FRU and ship the malfunctioning Infrastructure to Motorola's repair depot for evaluation and repair. Customer must send the return air bill back to the repair depot in order to ensure proper tracking of the returned infrastructure. Customer will be subject to a full replacement fee for FRU's not returned within 5 business days.
- 1.6.9. For Infrastructure and/or third party infrastructure repairs that are not exchanged in advance, properly package Infrastructure and ship the malfunctioning FRU, at Customer's expense and risk of loss to Motorola.
- 1.6.10. Clearly print the return authorization number on the outside of the packaging.
- 1.6.11. Maintain information of software/applications and firmware for re-loading of infrastructure.
- 1.6.12. Cooperate with Motorola and perform all acts that are reasonable or necessary to enable Motorola to provide the infrastructure repair services to customer.

## APPENDIX A

### Advanced Exchange or Loaner Decision Process



**APPENDIX B**

## Shipping Charges

<b>Service</b>	<b>Advanced Replacement Contract Shipping Charges</b>
Exchanges (Outbound to customer)	Motorola
Exchanges or Loaners Next Flight Out (Outbound to customer)	Customer
Exchanges or Loaners Non-Motorola carrier * (Outbound to customer )	Customer
Exchanges (Inbound to Motorola)	Motorola
Loaner (Outbound to customer)	Motorola
Loaner Repair (Inbound to Motorola)	Customer
Loaner Repair & Return (Outbound to customer)	Motorola
Loaner Installation (OnSite Servicer)	Customer

\*Motorola shipping carriers – FedEx and DHL