



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **RX Outpatient Automation Interface**

(APSS)

## **Addendum to Install Manual**

Version 1.0 Patch 2  
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## 1.0 Introduction

This package allows a site to interface with a robotic pharmacy dispensing system during the printing of a prescription label.

This document provides an overview of APSS v1.0 patch 2 and assumes that the site has already completed the setup for APSS v1.0 and has loaded Patch 1.

## 1.1 Summary of Changes

Patch 2 provided enhancements to version 1 of the IHS ScriptPro Interface package (APSS). The most notable change is the name change to RX Outpt Automation Interface (APSS). The name is changed to reflect the fact that the interface works with a variety of robotic device vendors. There are several additional fields added to the data stream. The interface is modified to support multiple robotic units in the same division.

### 1.1.1 Patch 2

Modifications:

- Add the following data tags to the APSS data stream.
  - Dispense method
    - The intent is to enable the user to differentiate Mail from Window for robotic queuing purposes.
  - Patient home phone
  - Patient office phone
  - Patient other phone
  - Cash due
  - Prescription priority
    - The intent is to allow information to pass to the robotic device so that the fill can be prioritized based on whether patient is waiting or picking up later. For sites with two robots this would allow them to efficiently divide their workload between the robots based on the device's programming of what to do with the data tag when it is received. This pharmacy package functionality and prescription field is delivered in APSP 1013. If APSP 1013 has not been installed this field will be null.
  - Benchmark Unit Per Drug
    - The intent is to pass the Benchmark Unit Price of Drug field from the prescription to the robotic device.
  - Days Supply

- Modify patient ID
  - The code for this data tag is modified to resolve an issue with patient ID not populating properly after a station number update.
- Change name of IHS ScriptPro Interface to RX Outpt Automation Interface.
  - The name was changed to reflect the fact that the interface can be used with a variety of robotic device vendors and is not brand specific.
- Modify interface to support multiple robotic units under same division.
  - Robotic unit may now be configured at the pharmacy division level, allowing one device per pharmacy division.

## 2.0 Patch 2 - Pre-Installation Instructions

- Make a copy of this distribution for offline storage.
- Print all notes/readme files.
- It is recommended that the terminal output during the installation be captured. This will insure a printed audit trail if any problems should arise.

### 2.1 Requirements

- Kernel v8.0 or later
- FileMan v22 patch 1002
- Cache v 4.1 or later
- IHS ScriptPro Interface v1 patch 1
- Outpatient Pharmacy v 7.0

## 3.0 Patch 2

### 3.1 APSS Parameters

APSS parameters should be modified if a separate robotic device is used for separate pharmacy divisions under one facility. If only one robotic device is used per facility no modification is necessary.

```

INPUT TO WHAT FILE: APSS PARAMETERS// APSS PARAMETERS
                                     (1 entry)
EDIT WHICH FIELD: ALL//

Select APSS PARAMETERS FACILITY: DEMO INDIAN HOSPITAL      OKLAHOMA
TAHLE
QUAH      01                      NM      8907
      ...OK? Yes// (Yes)

FACILITY: DEMO INDIAN HOSPITAL//
LINK ACTIVE: YES//
DEVICE: DEMO ROBOT//
SIG LINE LENGTH:
RESTRICT TO APSS DRUG FILE: NO//
PROMPT TO SEND:
LOG TRANSMISSION: YES//
Select LOCATION:
Select PHARMACY DIVISION: DEMO PHARMACY//
      PHARMACY DIVISION: DEMO PHARMACY//
Are you adding 'DEMO PHARMACY' as a new PHARMACY DIVISION (the 1ST for this
APSS PARAMETERS)? No// Y (Yes)
      DEVICE: DEMO ROBOT 2//
      ACTIVE: YES//
Select PHARMACY DIVISION: DEMO PHARMACY// TEST PHARMACY
Are you adding 'TEST PHARMACY' as a new PHARMACY DIVISION (the 2ND for this
APSS PARAMETERS)? No// Y (Yes)
      DEVICE: TEST ROBOT
      ACTIVE: YES
Select PHARMACY DIVISION:

```

Figure 3-1: Example of a modified APSS parameter with two robotic devices under one facility

The example above added a separate robotic device for Demo and Test pharmacy in addition to the existing robotic device for demo Indian Hospital.

## 3.2 Example Data Stream

```

|**|<COMMAND>FILL<COM_ID>6087305<Patient ID>123456<Patient Name>DEMO,
PATIENT<Patient Date Of Birth>01/01/2012<Patient Gender>MALE<Patient
Address>123 ANY STREET^^^ANYTOWN^ARIZONA^12345<Patient Home Phone>555-555-
4858<Patient Office Phone><Patient Other Phone><Script
Number>3498797<Chronic Medication>Y<Safety Cap Indicator>1<Fill
Date>04/03/12<Instructions/SIG>TAKE ONE (1) TABLET BY MOUTH 2 TIMES A DAY
FOR DIABETES    Fill 3 of 13<Dispensed Qty>60<Dispensed Drug NDC>00093-
9365-01<Dispensed Drug Name>glyBURIDE 5MG TAB<Dispense Units>TAB<Days
Supply>30<Dispense Method>WINDOW<Physician Name>DEMO, DOCTOR<Technician
Name>DEMO, PHARMACIST<Refills Remaining>10<Fill Priority
Indicator>0<Prescription Priority>NOT WAITING<Pharmacist
Initials>DRX<Provider Class>PHYSICIAN<Provider DEA#>AD1234563<Site
DEA#>AU1234563<Site Name>DEMO INDIAN HOSPITAL<Issue Date>12/01/2011<License
Number><Login Date>12/01/2011@12:43:51<Message Date / Time Stamp>04/03/12
15:28:54<Retail Price>9.990000<Benchmark Unit Per
Drug>29.990000<CashDue><CHK_ID>6087305|##|

```

Figure 3-2: Data stream example

After installation, sites may need to contact their robotic device vendor to have new data tags extracted from the data stream and robotic device label or behavior modified accordingly.

## Glossary

**Data Stream**

The set of data tags sent to the robotic device through the APSS interface.

**Data Tag**

The individual field sent to the robotic device through the APSS interface as part of the data stream.

**Robotic Device**

One of a variety of commercially available automated pharmacy dispensing systems such as ScriptPro or Parata.



## Acronym List

**IHS**

Indian Health Service

**RPMS**

Resource and Patient Management System

## Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

**Phone:** (505) 248-4371 or (888) 830-7280 (toll free)

**Fax:** (505) 248-4363

**Web:** <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

**Email:** [support@ihs.gov](mailto:support@ihs.gov)