



Medication Reconciliation— Medication Worksheet (Tool #2)

INSTALLATION GUIDE

GMTS*2.7*92 and PSO*7*316

April 2011

Revision History

Date	Revised Pages	Patch Number	Description
04/11	All	GMTS*2.7*92 PSO*7*316	Original Installation Guide for Medication Reconciliation – Medication Worksheet (Tool #2) (G. Pickwood DM; R. Silverman/D.Dertien TW)

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Introduction

Patches PSO*7*316 and GMTS*2.7*92 correct issues reported with the Tool #2: Medication Worksheet. The Health Summary patch GMTS*2.7*92 will require patch PSO*7*316 and will create a national entry in the HEALTH SUMMARY COMPONENT file (#142.1) for Tool #2: Medication Worksheet. The Department of Veterans Affairs (VA) strongly recommends that you install these patches in a test environment before installing in production.

The PSO*7*316 patch changes include the following:

1. The existing Application Program Interface (API) #4827 did not return fields required by Tool #2: Medication Worksheet.

Problem: Routine PSS^PSO59 returns data about the demographics of outpatient pharmacy divisions, such as site name and address. The existing API did not return the division's assigned area code and phone number, which are present in the format of Tool #2: Medication Worksheet.

Resolution: This patch modifies routine PSO59 to return the AREA CODE field (#.03) and PHONE NUMBER field (#.04) as part of the target array.

2. Routine PSOQUAP distributed with patch PSO*7*294 is not used.

Problem: During testing of patch PSO*7*294, changes were made that resulted in routine PSOQUAP being no longer required. The routine was left in the patch at the time in order to reduce the remaining testing time required.

Resolution: This patch removes routine PSOQUAP. There are no known programs that call this routine.

3. PSO*7*294 was noncompliant with Programming Standards and Conventions (SAC) for Vista applications.

Problem: During the internal review of some of the routines distributed with PSO*7*294 findings uncovered some SAC standard violations. Primarily, there was a lack of documentation for Integration Agreements for calls being made from routine PSOQMCAL.

Resolution: Routines PSOQ0186 and PSOQMCAL are being replaced with GMTSPST2. Moving the routines to the Health Summary (GMTS) namespace facilitates the appropriate documentation of Integration Agreements. Corresponding Health Summary patch GMTS*2.7*92 creates a national Health Summary component for Tool #2: Medication Worksheet to utilize the replacement routines.

The GMTS*2.7*92 patch changes include the following:

1. Current functionality for display of patient Social Security Number (SSN) was not being provided within the report in a format consistent with other Class I Health Summary components.

Problem: The report was hard-coded to display the last four digits of the patient's SSN in the body of the report.

Resolution: Removed the programming that displayed the last four digits of patient SSN directly within the Health Summary component. Additionally, the release of health summary patch GMTS*2.7*85 now permits the removal of the patient SSN from the health summary overall header. The change in this patch now similarly permits the worksheet to be printed with no SSN references remaining. All control of the patient identifiers, such as display of patient, date of birth and SSN, is now controlled by the parameters set at the Health Summary Type level, consistent with other Class I Health Summary components.

2. Wrong pharmacy division name printing on the report header.

Problem: At integrated sites, the name of the primary facility division would print on the report even when generated from another pharmacy division.

Resolution: The internal programming that selects the name of the pharmacy division shown at the top of the worksheet and the pharmacy phone number associated with it has been revised. At facilities where there are multiple entries in OUTPATIENT SITE file (#59) that share the same SITE NUMBER, the Medication Worksheet is unable to distinguish between these entries in order to choose the correct pharmacy name and phone number for display in the report header. In these cases, the result may be that the displayed name and phone number are for a division other than the pharmacy's preferred phone number for patient calls.

3. Medication Worksheet does not distinguish ACTIVE and HOLD status prescriptions.

Problem: In the initial release of Medication Reconciliation software with PSO*7*294, one of the known issues was that a prescription with status of HOLD was not clearly identified as such in the Medication Worksheet.

Resolution: A status indicator is added for prescriptions with status of HOLD, similar to the existing indicator for PENDING prescriptions in that report.

4. The initial release of Medication Reconciliation tools with patch PSO*7*294 required manual creation of Health Summary components.

Problem: There is no guarantee that all VA facilities set up the components exactly as indicated in the Medication Reconciliation Tools Implementation Guide.

Resolution: This patch introduces the following file entries with nationally standardized internal entry numbers (IENs).

HEALTH SUMMARY COMPONENT file (#142.1)

=====

Entry #252 - Medication Worksheet (Tool #2)

HEALTH SUMMARY TYPE file (#142)

=====

The above-listed Health Summary Component (IEN #252) will be added to the existing GMTS HS ADHOC OPTION Health Summary type

VAQ - DATA SEGMENT file (#394.71)

=====

This file contains an entry corresponding to the above-listed Health Summary Component (IEN #252) that will be listed as Medication Worksheet (tool #2).

Pre-Installation Considerations

Review existing Health Summary Components

Although the initial Class I release of the Medication Worksheet (Tool #2) provided a standard routine that is present on all VistA systems, patch PSO*7*294 did not automatically create the health summary component entries in HEALTH SUMMARY COMPONENT file (#142.1). Facilities were advised in the Medication Reconciliation Tools Implementation Guide to manually create a component using the VistA Health Summary *Create/Modify Health Summary Components* [GMTS IRM/ADPAC COMP EDIT] option.

The recommended setup of the component advised a name of “Medication Worksheet”, a component abbreviation of MWS, and use of print routine TASK2;PSOQ0186. Prior to installation of GMTS*2.7*92 and PSO*7*316, it is important to identify the entry (or entries) on your system that represent the manual creation of this component.

Tool #2 - Medication Worksheet

- **Component:** Medication Worksheet
- **Print Routine:** TASK2;PSOQ0186
- **Health Summary Component Abbreviation:** MWS
- **Description:** This component provides an alphabetized list of the patient's medications from several sources, including outpatient prescriptions, unit dose medications, non-VA documented medications, and active remote medications using the Remote Data Interoperability interface to the Health Data Repository.

If you are unable to identify whether or not a corresponding component exists in your system, create a Remedy ticket or call the National Help Desk before proceeding.

Review existing Health Summary Types

Another recommendation from the Medication Reconciliation Tools Implementation Guide was the creation of a Health Summary Type entry in the HEALTH SUMMARY TYPE file (#142) using the above referenced component. This was performed using the VistA Health Summary *Create/Modify Health Summary Type* [GMTS TYPE ENTER/EDIT] option.

The recommended name and title of the report was “Medication Worksheet,” and at a minimum, it was to contain the MWS component described in the previous section.

Locate this Health Summary and any other reports that utilize the MWS component. After the installation of GMTS*2.7*92 and PSO*7*316, the original component should be replaced with the newly standardized MRT2 component.

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Installation Procedure

Below is the step-by-step procedure for installing patches PSO*7*316 and GMTS*2.7*92. Patch PSO*7*316 should be installed first, as it is required by patch GMTS*2.7*92.

Install Patch PSO*7*316

Users may remain on the system. Installation takes less than a minute.

Suggested time to install: non-peak requirement hours.

1. Use the INSTALL/CHECK MESSAGE on the *PackMan* menu.
2. From the *Kernel Installation & Distribution System* menu, select the *Installation* menu. When prompted, select **PSO*7.0*316**.
3. From this menu, you may select the option Verify Checksums in Transport Global. All components of this patch are new, so the options Backup a Transport Global and Compare Transport Global to Current System need not be invoked. When prompted, select **PSO*7.0*316**.
4. Use the Install Package(s) option and select **PSO*7.0*316**.
5. When prompted "Want KIDS to INHIBIT LOGONs during the install? NO//", respond **NO**.
6. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//", respond **NO**.

Install Patch GMTS*2.7*92

Users may remain on the system. Installation takes less than a minute.

Suggested time to install: non-peak requirement hours

1. Use the INSTALL/CHECK MESSAGE on the *PackMan* menu.
2. From the *Kernel Installation & Distribution System* menu, select the *Installation* menu. When prompted, select **GMTS*2.7*92**.
3. From this menu, you may select the option Verify Checksums in Transport Global. All components of this patch are new, so the options Backup a Transport Global and Compare Transport Global to Current. System need not be invoked. When prompted, select **GMTS*2.7*92**.
4. Use the Install Package(s) option and select **GMTS*2.7*92**.
5. When prompted "Want KIDS to INHIBIT LOGONs during the install? NO//", respond **NO**.
6. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//", respond **NO**.

Post-Installation Considerations

The purpose of this section is to provide information for consideration after patches GMTS*2.7*92 and PSO*7*316 have been installed.

Replace Health Summary Components with new standardized components

Following the installation of patches GMTS*2.7*92 and PSO*7*316, all systems will have a common and standardized HEALTH SUMMARY COMPONENT file (#142.1) entry called “Medication Worksheet (Tool #2)” with the abbreviation MRT2.

In order to complete the process so that all facilities are using the same nomenclature, the Health Summary Type that calls the older MWS component (or other name as identified during Pre-Installation Considerations) should be replaced with the newer MRT2 component. This may be accomplished with the *Create/Modify Health Summary Type* [GMTS TYPE ENTER/EDIT] option as shown here.

Example: Create/Modify Health Summary Type Option

Create/Modify Health Summary Type

Select Health Summary Type: **Medication Worksheet** Medication Worksheet

Medication Worksheet

OK? YES// <Enter>

NAME: Medication Worksheet Replace **end** With **(Tool #2)**

Replace

Medication Worksheet (Tool #2)

TITLE: Medication Worksheet Replace <Enter>

SUPPRESS PRINT OF COMPONENTS WITHOUT DATA: yes// <Enter>

SUPPRESS SENSITIVE PRINT DATA: NO SSN// <Enter>

Do you wish to review the Summary Type structure before continuing? NO// <Enter>

Select COMPONENT: **MWS** Medication Worksheet MWS

Medication Worksheet is already a component of this summary.

Select one of the following:

E Edit component parameters

D Delete component from summary

Select Action: **Delete** component from summary

Deleting Summary Order 5 Medication Worksheet

Select COMPONENT: **MRT2** Medication Worksheet (Tool #2) MRT2

SUMMARY ORDER: 5// 5

HEADER NAME: Medication Worksheet Replace <Enter>

Select COMPONENT: <Enter>

Do you wish to review the Summary Type structure before continuing? NO// <Enter>

Please hold on while I resequence the summary order.

Note: There is a space character before the open parenthesis.

Note: If the pre-installation review identified a different abbreviation, then use the entry unique to your system.