

ITV Operations and Training Newsletter

Check out the PM J-AIT website at the new URL: <http://www.ait.army.mil> to view the latest PM J-AIT contract(s) for AIT and Radio Frequency Identification (RFID) hardware, software, technical engineering services, and maintenance.

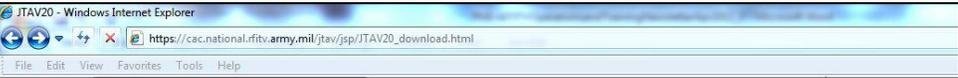
Recreating a Damaged or Missing Tag using TIPS Software

Sometimes, unfortunately, tags are damaged in transit or they may become detached from associated cargo. If this happens, you can recreate a damaged or missing tag by following the instructions to export the Joint Total Asset Visibility (JTAV) data from the **Radio Frequency In-Transit Visibility (RF-ITV) Tracking Portal** and import it into Total Asset Visibility In-Transit Processing Station (TIPS) software.

These instructions are written specifically for TIPS to recreate both American National Standards Institute (ANSI) and International Standards Organization (ISO) tags. We do not manage other Write applications; however, if the Write applications were properly migrated to support ISO tags, then they should be able to support the import of the JTAV 2.0 format. Since the various Write software programs may vary in how to import JTAV data, we suggest you consult your software manual or the customer support/help desk for the program you use for further instructions on how to import the data if you are not using TIPS Write.

1. Log on to the **RF-ITV Tracking Portal** via Common Access Card (CAC).
2. Identify the tag number associated with the shipment in question. If the tag has been lost or damaged and you can't read the tag ID, obtain the tag ID by running a query on the **RF-ITV Tracking Portal** using the available information you do have such as the Transportation Control Number (TCN) from the Military Shipping Label (MSL), container number, document number, or write station ID.
3. Once the tag ID has been determined, copy the following link into your browser's command line:

https://cac.national.rfitv.army.mil/jtav/jsp/JTAV20_download.html



NOTE: You **MUST** be logged on to the **RF-ITV Tracking Portal** using your CAC to be able to access the link.

For questions or comments, please contact one of the following:

Cynthia Jones, RF-ITV Team Chief
cynthia.i.jones26.civ@mail.mil
(703) 325-2289 DSN (312) 221-2289

Reginald Madden, RF-ITV Assistant Team Chief
reginald.m.madden.civ@mail.mil
(703) 325-3237 DSN (312) 221-3237

Virgil Green, RF-ITV Infrastructure Manager
virgil.green.civ@mail.mil
(703) 587-6030

Jerry Rodgers, Operational Readiness
jerry.d.rodgers.ctr@mail.mil
(703) 325-2988 DSN (312) 221-2988

Douglas Cantaral, RF-ITV Operations Specialist
douglas.h.cantaral.civ@mail.mil
(703) 325-3096 DSN (312) 221-3096

Jose Gonzalez, Operational Systems Engineer
jose.l.gonzalezatorres.ctr@mail.mil
(703) 325-3026 DSN (312) 221-3026

Chris Maeger, RF-ITV System Analyst
christopher.a.maeger.ctr@mail.mil
(703) 325-3018 DSN (312) 221-3018

PM J-AIT LNOs:

Major Ryan Leonard-Southwest Asia
Ryan.D.Leonard@Afghan.swa.army.mil
011-937-908-43605 DSN (318) 481-4556

Charles Van Sistine-CENTCOM
charles.a.vansistine.ctr@mail.mil
(813) 529-4106 DSN (312) 529-4106

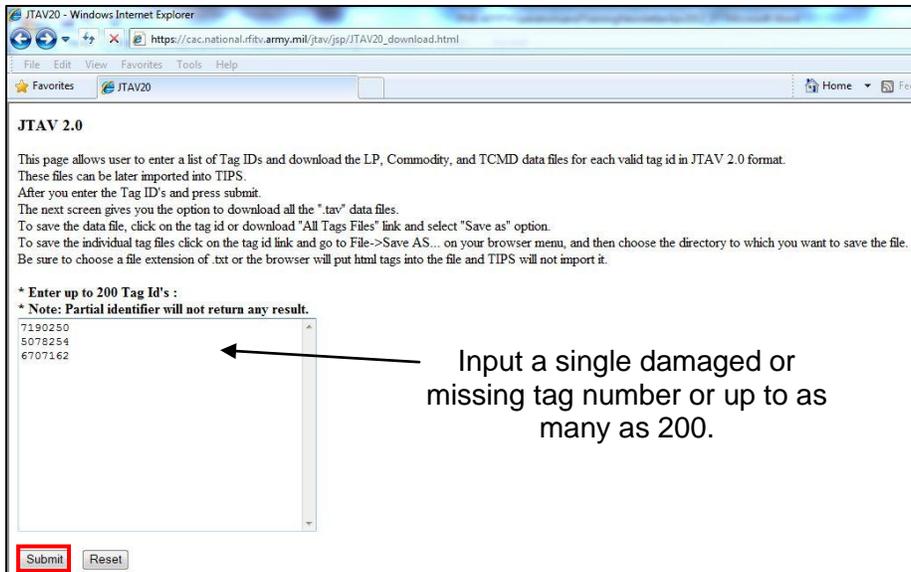
Ken Smith-EUCOM & AFRICOM
john.k.smith23.civ@mail.mil
49-6372-842-3723 DSN (314) 481-3723

Andy Smith-NORTHCOM, FORSCOM, TRANSCOM, SOUTHCOM, National Guard Bureau, Army Materiel Command, US Navy, Air Force, and Marine Corps
andy.o.smith.ctr@mail.mil
(703) 325-3116 DSN (312) 221-3116

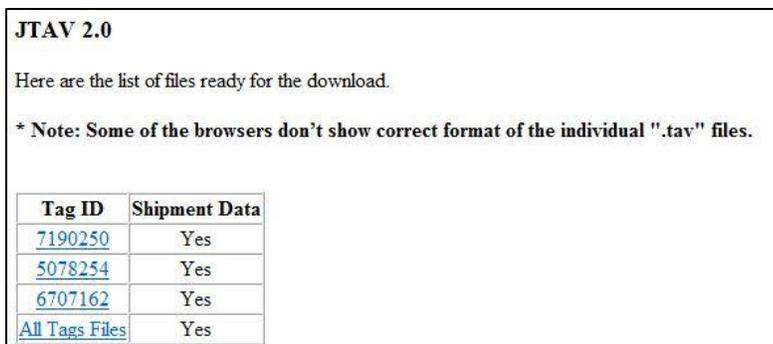
Whit Norris-PACOM
whit.norris.ctr@pacom.mil
(808) 477-8071 DSN 315-477-8071

RF-ITV Training: RF-ITV Global Help Desk
help.rfitv@us.army.mil
1 (800) 877-7925 DSN 94 wait for dial tone
then dial 1 (800) 877-7925

4. Input tag number(s) to download the license plate, commodity, and Transportation Control & Movement Document (TCMD) data files to re-create damaged or missing tags. Press **Submit**.



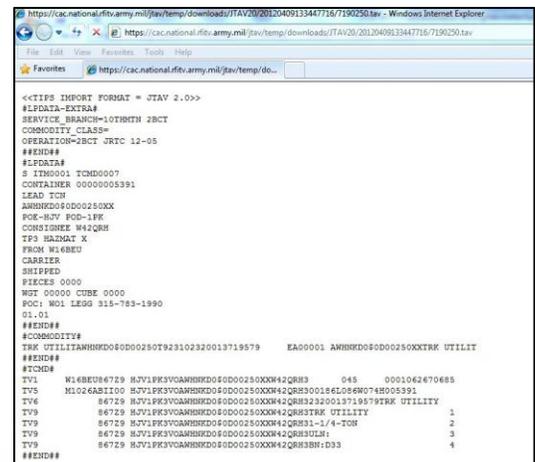
5. A list of tags to download will be provided. Select the tag that you wish to recreate or select "**All Tags Files**" to download all data at one time.



6. If selecting one tag at a time, there are two ways you can save the data: 1) Right-click on the tag number and **Save As** a **.tav** file on your desktop (Example A); or 2) Click on the tag number and the license plate, commodity, and TCMD data will appear in your browser window (Example B). Highlight text by dragging your mouse over the text then copy and paste text into *Notepad*. Save the file to your desktop so that you can import the data into the TIPS Write software program. Note: You must save this data as a text file (.txt) to import the data into the TIPS Write software program.

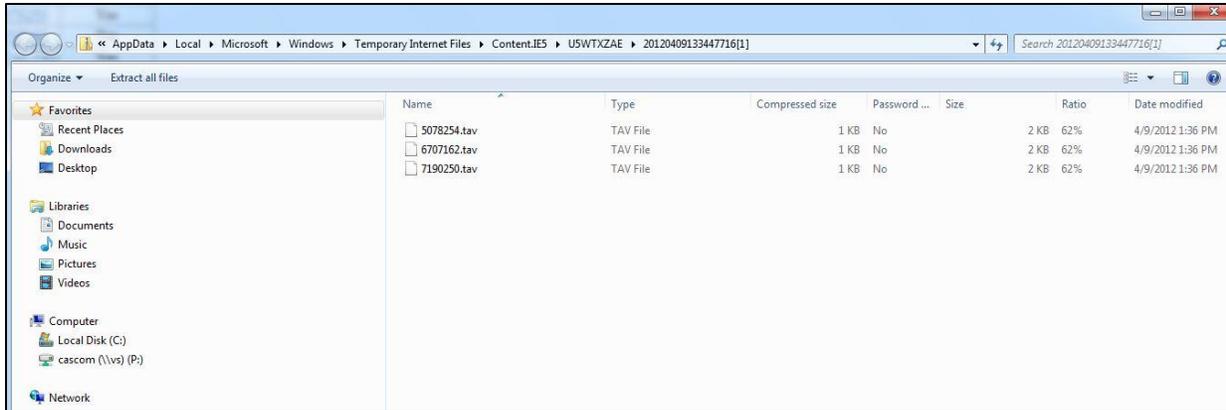


Example A.



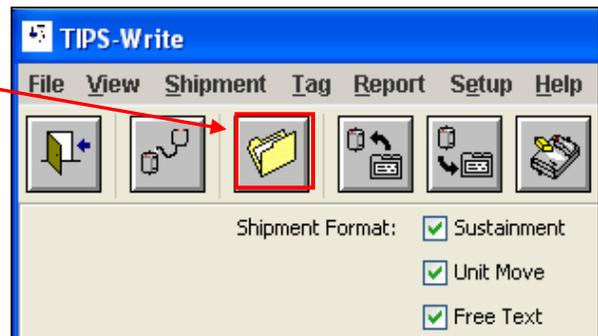
Example B.

7. If you selected **All Tags Files**, you can either save or open the **.zip** file that will contain all the tags. When you open the **.zip** file you will see the tags in **.tav** format. Save the files to your desktop.



To import the data into TIPS:

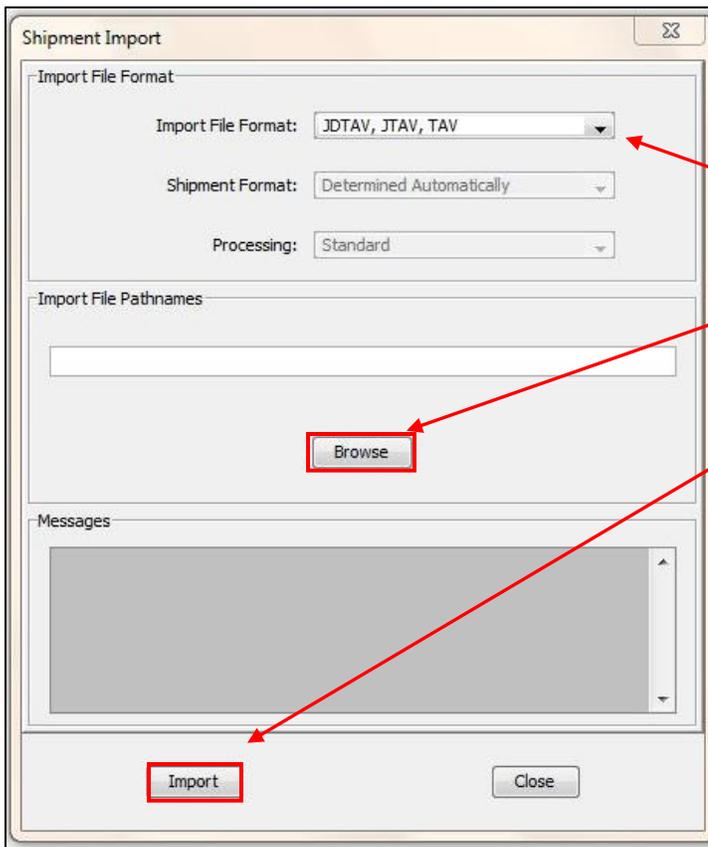
1. Open the TIPS software and from the TIPS menu, click the **Import** icon.



2. Change the import file format to JTAV.

3. Click **Browse** and select the location/file name where you copied the damaged tag data (i.e., C:/DESKTOP/tagdata.txt) and **click Use File(s)**.

4. Click **Import**.



Tip: To allow ITV users to be able to easily research previous movements (tag read events), we recommend adding a note in the **Free Text** field e.g., "Replaces broken/lost tag #XXXXXXX".

5. At this point, you can continue with the normal tag writing process.

Site Analysis: ARIFJANW21, ARIFJAN KU PM CREW WARLOCK BLDG 760B

For this month's analysis we looked at RF-ITV Write site, Device ID TBCAEC53EBA2F, Device Name ARIFJANW21. The focus of our analysis was on the data quality and movement of RFID tags being written at site ARIFJANW21. Using the **Site Activity** query, we looked at the tag writing workload of this site from 02 January – 28 February 2012 and identified 64 tags that were written during that period. The results of this data analysis are as follows:

- By comparing the Consignee Department of Defense Activity Address Code (DODAAC), Port of Debarkation (POD) on the RFID tag to the Read events of the tag, and Last Reported Interrogator Name, it was determined 50 out of 64 tagged shipments (78%) reached final destination. Because none of the destination read sites were loaded with supported DODAACs, none of the tagged shipments that reached final destination generated a transportation closeout (TK6). Transportation closeouts are created when the Consignee DODAAC written to the tag matches a supported DODAAC entered on the Read interrogator's registration page. Of the remaining 14 tags that didn't reach final destination, two tagged shipments were written and have no read events and the remaining 12 tagged shipments were last read in Kuwait and have not been read since.
- In all 64 instances, the POD and Port of Embarkation (POE) code combinations were used improperly. Based on the Consignee DODAAC, all 64 shipments were traveling by air to either the United States or Afghanistan. In eight instances the tags improperly indicated a ground-to-ground movement (e.g., 83A to 81A). In 56 instances the tags improperly reflected a ground code for the POE and an airport code as the POD. In accordance with the Defense Transportation Regulation (DTR) 4500-9 (<http://www.transcom.mil/index.cfm>), code combinations should not mix ground/sea/air codes. All codes used should be ground-to-ground, sea-to-sea, or air-to-air code combinations.
- Fifty-three (53) of the 64 tags were destined for Tobyhanna Army Depot via Dover Air Force Base. These shipments were read at Tobyhanna Army Depot read sites but did not show any read events at the Air Force Base in Dover, Delaware or the next closest Air Force Base at McGuire, New Jersey. Although we could not determine the exact cause of these tags not being read at one of the aerial ports, they might have missed one of the established collection intervals. We recommend that collection intervals at all read sites be reviewed periodically to ensure they are optimally set to support the location's business process.
- Of the 64 tagged shipments we analyzed, 100% contained valid Consignee DODAACs and Consignor DODAACs. The Consignor DODAACs (listed in the **RF-ITV Tracking Portal** database) and Consignee DODAACs were used properly on 62 tags. Two tagged shipments transposed the Consignor DODAAC and Consignee DODAAC.
- Sixty-three (63) of the 64 tagged shipments (98%) had commodity data, while one tagged shipment had no commodity data.
- By using the *Archive* data selection on the **RF-ITV Tracking Portal**, it was determined that 50 out of the 64 (78%) tags had been used previously which is an excellent re-use of tags by keeping them in the distribution pipeline.

[RF-ITV Global Help Desk \(GHD\)](#)

Toll Free: 1 (800) 877-7925, **DSN:** Dial 94 plus (800) 877-7925,

AKO Instant Messenger Username: help.rfitv

Green Force Tracker/Lotus Sametime Group Name: PEO EIS-PM J-AIT-GHD

Help available 24hours/7 days a week

Email: help.rfitv@us.army.mil

The RFID GHD should be contacted before any attempt to reach an FSE in your area.

If you would like to subscribe to the newsletter or if you have a noteworthy RF-ITV story, lesson-learned, or short article for publication in the newsletter, please submit to Jerry Rodgers, PM J-AIT, jerry.d.rodgers.ctr@mail.mil.

For and From the Field

Clarification

Our March 2012 edition contained a typographical error in the sentence “Ports of Debarkation (PODs), **Points** of Embarkation (POEs), and Inland Location Codes (ILCs) represent key nodes and/or origins/destinations in the Department of Defense (DoD) supply chain and are significant in helping you track your shipments.” It should have read, “...**Ports** of Embarkation (POEs)...” as is well known. We are sorry for any confusion!

Deletion of EUCOM Inland Location Codes (ILCs)

Due to theater realignments, the following ILCs have been deleted from the EUCOM list:

ILC	Country	Fort/Camp/Post/Base/Site	City
52D	Germany	Buedingen	Buedingen
52E	Germany	Darmstadt	Darmstadt
52F	Germany	Dexheim	Dexheim
52G	Germany	Friedberg	Friedberg
52H	Germany	Friedrichsfeld	Friedrichsfeld
52K	Germany	Giebelstadt	Giebelstadt
52N	Germany	Hanau	Hanau
52R	Germany	Idar Oberstein	Idar Oberstein
52V	Germany	Kitzingen	Kitzingen
53F	Germany	Weilerbach	Weilerbach
53H	Germany	Wuerzburg	Wuerzburg
53L	Germany	Gruenstadt	Gruenstadt

If you have a request to establish a new ILC or have a suggestion for an ILC to be deleted, send an email to usarmy.lee.tradoc.mbx.lee-rfidiv@mail.mil with “ILC Addition/Deletion” in the subject line. You will need to provide the following information:

Name:

Rank/Grade:

Phone Number:

Email:

ILC Location (Country):

Fort/Camp/Base/Post/Site/FOB:

Nearest City:

Justification:

The Regional Training Team's (RTT's) Tips and Tricks

Troubleshooting Upload Issues to the *RF-ITV Tracking Portal*

1. User has not registered a Write or Read device on the *RF-ITV Tracking Portal* so data will not post.
 - a. All devices that upload to the *RF-ITV Tracking Portal* must first go through an approved registration procedure before uploading data. Contact the RF-ITV Global Help Desk for assistance if necessary.
2. User attempts to upload via FTP Protocol.
 - a. Users must upload via the HTTPS protocol (Port 443)
3. A Proxy Server is in place at the local site.
 - a. To check: Go to Internet Explorer – Tools – Internet Options – Connections – LAN Settings - make sure it matches the approved configurations of network administrator.
 - b. If checked then uncheck the proxy server box and test the connection again.
4. Local Firewall Issue - Can the Network Administrator reach the *RF-ITV Tracking Portal* past the Firewall?
 - a. If yes, then it is a firewall issue.
 - b. If no, the *RF-ITV Tracking Portal* may be down for maintenance.
5. The RFID software is unable to upload to the *RF-ITV Tracking Portal* due to incorrect login and embedded password.
 - a. This error may occur when a user inadvertently alters the encrypted username and password used by the RFID software that uploads to the *RF-ITV Tracking Portal*. It is recommended that the user re-install the RFID software.
6. The RFID software is not using the correct URL or IP Address to upload to the *RF-ITV Tracking Portal*.
 - a. This will usually happen when a user inadvertently alters the embedded path used by the RFID software that directs it to connect to the *RF-ITV Tracking Portal* via the correct URL or IP Address. It is recommended that the user re-install the RFID software or enter the correct URL for the *RF-ITV Tracking Portal* (<https://national.rfitv.army.mil>)