

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.

2011 Compilation of RF-ITV Tips and Tricks

Last year we provided a roll-up of the Regional Training Team's (RTT's) Tips and Tricks that were published throughout the year. That generated such a positive response that we eagerly opted to do the same for the 2011 RTT's Tips and Tricks.

In case you've missed a tip or trick or if you would like to view them again, you can print each month individually by clicking on the link provided at the end of the description. To print the entire compilation of tips/tricks for 2011, click here: <http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/2011RTTTIPS.pdf>

January: Is my Iridium Subscriber Identification Module (SIM) chip activated?

Are you having problems getting your Iridium modem to connect? Have you verified that your SIM chip is activated? The steps in this tip will walk you through how to verify that your SIM is properly activated.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/JAN11RTTTIP.pdf>

February: Connect a 751G Handheld Interrogator (HHI) with Windows Vista

As the Army migrates all of its Windows-based computers to Microsoft's *Vista* operating system, the use of *ActiveSync* to connect the 751G will no longer be supported. *Windows Mobile Device Center* is the new name in *Windows Vista* replacing *Microsoft ActiveSync*. Previous versions of *Microsoft ActiveSync* will not install or run on *Windows Vista*. The setup procedures in this tip will allow you to set up *Windows Mobile Device* to transfer files from the 751G HHI to a computer.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/FEB11RTTTIP.pdf>

March: Configuring TIPS Write for ISO 18000-7 Radio Frequency (RF) Tags

The new International Organization for Standardization (ISO) 18000-7 RFID tags are making their way into the RFID logistics pipeline. Since reusing RF tags is a major concern, this will help to configure the write stations to write data to the new tag.

A USB Mini-B (5-pin) cable is used to connect to an ISO 18000-7 compliant tag. Two drivers [*DoD Active RFID Transponder (Tag)* and *Virtual Serial (COM) Port Microsoft Windows USB*] must be installed. These drivers are bundled and delivered with TIPS-Write software.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/MAR11RTTTIP.pdf>

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

Cynthia Jones, RF-ITV Team Chief

cynthia.j.jones26.civ@mail.mil
(703) 325-2289 DSN (312) 221-2289

Reggie Madden, RF-ITV Operations

reginald.m.madden.civ@mail.mil
(703) 325-3237 DSN (312) 221-3237

Jerry Rodgers, Operational Readiness

jerry.d.rodgers.ctr@mail.mil
(703) 325-2988 DSN (312) 221-2988

Douglas Cantaral, RF-ITV Asset Manager

douglas.h.cantaral.civ@mail.mil
(703) 325-3096 DSN (312) 221-3096

Jose Gonzalez, Operational Systems Engineer

jose.l.gonzalezlatorres.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:

Virgil Green -Southwest Asia
virgil.green@kuwait.swa.army.mil
Commercial: 011-965-389-6935
DSN (318) 430-6935

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
Commercial: 011-49-6221-57-8821
DSN (314) 370-8821

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
Commercial (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

April: TIPS – what versions are you using?

The award of the Radio Frequency Identification (RFID – III) Contract in December 2008, allowed for the migration from the American National Standards Institute (ANSI) International Committee for Information Technology Standards (INCITS) to International Organization for Standardization (ISO) compliant hardware. The RF-ITV fixed read infrastructure was upgraded to dual mode allowing ISO 18000-7 compliant reads as well as the ANSI reads. TIPS software was upgraded to be used with both ANSI INCITS 256 legacy tags and ISO 18000-7 compliant tags. These upgrades allow interoperability with multi-vendor ISO compliant readers and tags. Two ISO compliant software applications are the current versions of TIPS (Total Asset Visibility (TAV) In Processing Station) Read 4.3.1.4 and TIPS Write 4.3.0.5.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/APR11RTTIP.pdf>

May: How to access Query Builder on the RF-ITV Tracking Portal

Query Builder is a web application located on the ***RF-ITV Tracking Portal*** that allows users to track cargo in vehicles equipped with a Satellite Tracking System (STS). It also provides the location of RFID tagged shipments. The entire RF-ITV tag database is included in the Query Builder database. RFID tags read by STS-RFID [Movement Tracking Systems (MTS)] systems are also included in the Query Builder database.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/MAY11RTTIP.pdf>

June: TIPS Write Device Configuration Utility

Recently the RF-ITV Global Help Desk has had numerous calls regarding the communication type for the write device using the newest TIPS Write 4.3.0.5 software. This article will give a step-by-step procedure for selecting the right device for your application.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/JUN11RTTIP.pdf>

July: Copy Function in TIPS Write

Using the *Copy* function in the *Edit Shipment* box will quicken the writing process of tags using the TIPS Write software. This tip will go over the process of using the *Copy* function and detail the boxes that will be copied to each sustainment shipment. The process will start with the knowledge that the user has the sustainment *Edit Shipment* box open.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/JUL11RTTIP.pdf>

August: TIPS User Group

The RF-ITV Global Help Desk has recently received calls regarding users being locked out of the TIPS Write software after installation. These lockouts include the user not being able to open the TIPS Write software, not being able to write to tags, and/or not being able to open files for data collection and editing. This article will list the steps that need to be taken in order for the user to be added to the “*TIPS User*” Group; therefore, allowing the user to operate the TIPS Write software without any lock to the program.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/AUG11RTTIP.pdf>

September: Zebra PT400/403 Printer – Poor Printing Quality

The Zebra PT400/403 Printer is a mobile label printer used to support moderate volume printing in support of logistical operations. This tip will show you the common mistakes that can affect the print quality.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/SEP11RTTIP.pdf>

October: Verifying the transfer of files from SmartChain Workstation 6.0 to the National RF-ITV Server

The purpose of this article is to demonstrate to end users how to verify that files sent from *SmartChain Workstation* were exported properly to the RF-ITV Server.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/OCT11RTTIP.pdf>

November: Site Coverage Map and Google Earth

Google Earth (GE) is a mapping tool integrated into the ***RF-ITV Tracking Portal***. This robust, geographic mapping tool provides a dynamic, geospatial view of device and shipment location data. This capability is found throughout the tracking portal and may be accessed by clicking one of the globe icons that appear next to query results.

<http://www.cascom.army.mil/organizations/cdi/esd/itv/newsletter/NOV11RTTIP.pdf>

Site Analysis: TRACYDSSW1, Tracy, California

For this month's analysis, we selected TRACYDSSW1, the Defense Logistics Agency (DLA) Distribution Standard System (DSS) Java Automated Manifest System (jAMS) site located in Tracy, California (Device ID TDDJC0000001). On the *RF-ITV Tracking Portal*, we selected **Location Activity**, then selected **Site Activity** from the drop-down menu and entered Device ID TDDJC0000001. To limit our data selection, we used the Advanced Search option and entered the Consignee Department of Defense Activity Address Code (DODAAC) SW0702 (Camp Carroll) and Port of Debarkation (POD) OSN (Osan AB). We then entered the timeframe of 15 Oct – 15 Nov 2011. This selection produced 50 tagged shipments to analyze. The results of these data analysis are as follows:

- Forty-eight of the 50 tagged shipments reached their final destination. Of the two tagged shipments that did not reach final destination, one was last read on 31 Oct 2011 at Osan AB Korea and the other was last read at Bagram AFB in Afghanistan on 15 Nov 2011. Based on the Consignee/POD and unit level Transportation Control and Movement Document (TCMD) data, we are unable to determine why this tag was last read at Bagram.
- All 50 tags had excellent data in commodity field.
- Information on the registration page was correct.
- By using the Archive data selection on the *RF-ITV Tracking Portal*, it was determined that one tag had been previously used.

Site Activity

Shows all in-transit shipments that have ever passed by the selected site, during a given date range.

Enter either an interrogator name or an ID, and a date range:

Interrogator name: e.g. "AnnistonR2"

Interrogator ID: e.g. "123456"

Select a View: Last full 7 days

OR

Enter a Date Range: *From: 00:00:00 *To: 23:59:59

*All dates are in GMT

Advanced Search (Optional):

Narrow your search by origin field(s):

Consignor DODAAC:

POE:

Narrow your search by destination field(s):

Consignee DODAAC:

POD:

Narrow your search by owner type(s):

Operation:

Military Unit:

Note: Input in the "Advanced Search (Optional)" will be matched against the beginning of the field.



Holiday Greeting from the Product Manager

Each year we strive to get our November and December newsletters out a little earlier during the month to prevent them from arriving in your Email inbox during the peak of the holiday season when many of you will be on leave. We take a moment to recognize those military, civilian, and contractor personnel who are serving the Nation far away from their loved ones during this holiday season, and we extend to them our thanks and best wishes. On behalf of the entire staff of PM J-AIT, we wish all of you a safe and enjoyable holiday and a Happy New Year.



[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
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.