

Joint-Automatic Identification Technology (J-AIT)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Manages the Radio Frequency–In Transit Visibility (RF-ITV) system, which provides automated, accurate, near-real-time data collection, aggregation, and retrieval of ITV data that allows the warfighter to see and manage cargo and equipment shipments worldwide.

DESCRIPTION

Joint-Automatic Identification Technology (J-AIT) enables automatic data capture for logistics information systems and in-transit visibility (ITV) of cargo and equipment for commanders at all levels across the Department of Defense (DoD). J-AIT supports the Defense Reform Initiative Directive #54–Logistics Transformation Plans, Objective #3, which calls for achieving total asset visibility and accessibility through the use of AIT. The focused logistics transformation path in Joint Vision 2020 requires the implementation of AIT and like-information-systems that provide accurate, actionable total asset visibility. AIT is also a critical component of DoD-mandated Item Unique Identification. J-AIT provides

ITV to DoD through web portals (Non-Secure Internet Protocol Router Network [NIPRNET] and Secure Internet Protocol Router Network [SIPRNET]) and feeds ITV data to over 23 other systems across the DoD. J-AIT’s RF-ITV system is the DoD’s system of record for all active Radio Frequency Identification (RFID) data. J-AIT also provides procurement and technical services to DoD for AIT and RFID technology. The RF-ITV system consists of three production server sites (continental United States, Germany, and Korea) and a worldwide infrastructure of read sites covering key DoD transportation nodes. J-AIT provides product and technical services across the suite of AIT technologies by establishing and maintaining contracts that are available to all users across DoD.

SYSTEM INTERDEPENDENCIES

Global Combat Support System–Army (GCSS-Army); Battle Command Sustainment Support System (BCS3); Logistics Modernization Program; Transportation Coordinators’ Automated Information for Movement System II (TC-AIMS II)

PROGRAM STATUS

- **RF-ITV** system added satellite data feeds and other system upgrades to support the warfighters in Southwest Asia; J-AIT established RF-ITV sites along the Northern Distribution Network in Europe

PROJECTED ACTIVITIES

- **1QFY11:** Recompete the RF-ITV II contract
- **1QFY11:** Recompete the PM J-AIT support contract
- **FY11:** Transition to International Organization for Standardization RFID tags

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Joint-Automatic Identification Technology (J-AIT)

FOREIGN MILITARY SALES

None

CONTRACTORS

None



TOTAL AIT SOLUTIONS



CK81G_PDCT-E



Dual Range Active RFID Tag (ST654)



Deployment Kit (DK-RFID)



Handheld Bar Code Scanner



Bar Code Label Printer



Fixed Interrogator



Portable Bar Code Label Printer

pm J-AIT
PRODUCT MANAGER
JOINT-AUTOMATIC IDENTIFICATION TECHNOLOGY

