



*Army Training Support Center*

## **Army Training Information Systems Directorate**

a briefing on the

**Standard Army Training System (SATS)  
and the future  
Unit Training Management  
Configuration (UTMC)**

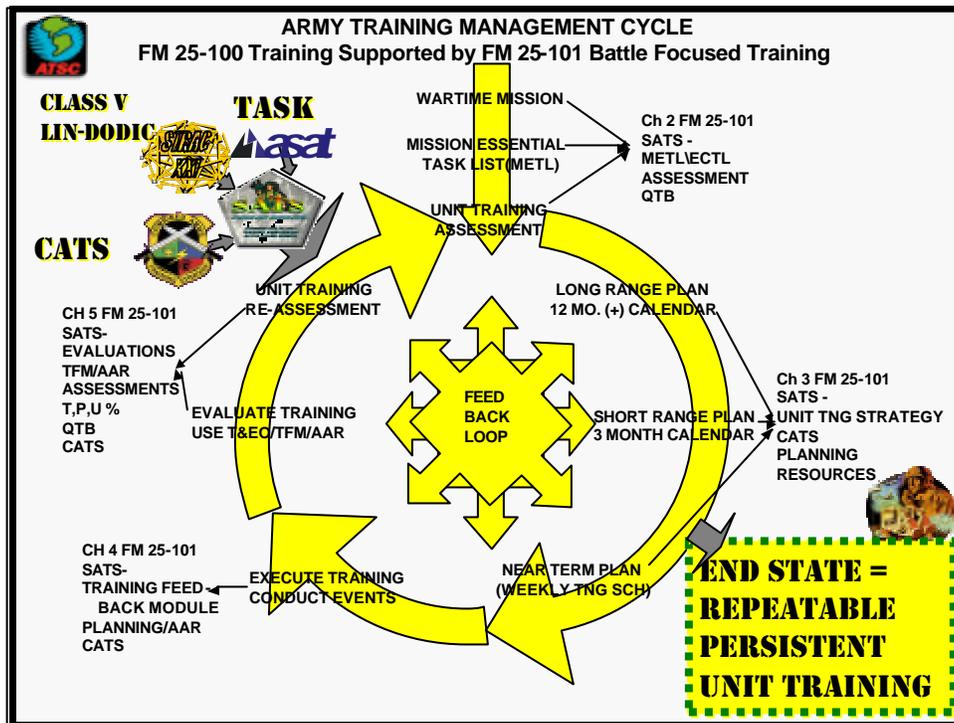


The Standard Army Training System, SATS, is the Army's centerpiece of automated unit training management. This windows based program leverages the power of current computer technologies and accesses a wide variety of other Army systems and information. SATS version 4.0 was fielded in December 1995 with great success. SATS version 4.1 for fiscal year 98 provided approximately twice the functionality and user capability and first use of the Combined Arms Training Strategies (CATS). Fielding of version 4.2 in fiscal year 01 provides a greater fidelity of Army resourcing information along with enhanced user functionality along with the latest automated CATS.

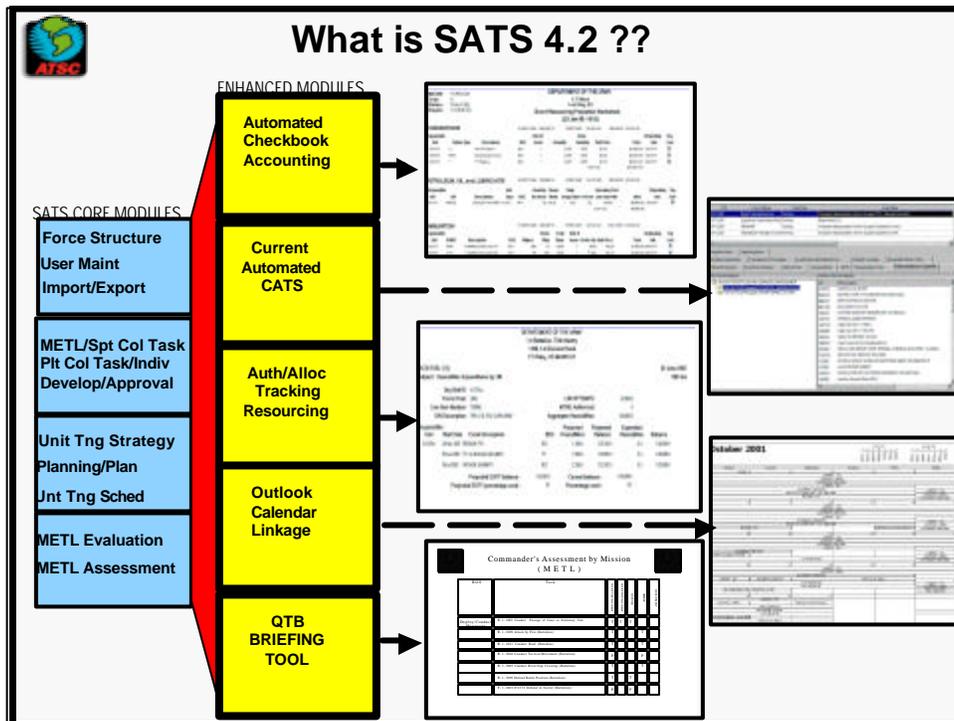
The objective SATS, known as the Unit Training Management Configuration (UTMC) started development in 2000 with requirements analysis and will fully leverage multi-user client server/web technologies, access all data in existing training support systems with seamless data merging and sharing capability through local, wide area, and internet systems, and will expand training management support. I will further explain this effort later in the briefing.

This briefing will show references to both FMs 25-100 Training the Force and 25-101 Battle Focused Training. The purpose of this format is to link the understand of unit level training strategy methodologies to the SATS program. For purposes of time efficiencies, these references are shown as a high level association. Additional details of the unit functionality responsibilities supported by SATS can be better shown by demonstration of the actual software or by use of the SATS computer based trainer (CBT) tutorial.

The primary expert resource programs that SATS uses are the STRAC XXI Class V equipment LIN to DODIC relationships for resourcing, CATS for notional unit strategies, and Automated System Approach to Training ASAT task (individual and collective) data sources.



We will now go through the Army Training Management Cycle (Figure 1-5 FM 25-100 and Figure 3-1 of FM 25-101), and show you how SATS can assist in each phase of the cycle.



SATS 4.2 employs a two way feed from the TFM to not only export data but to update task evaluations. ATSC has developed an interim STRAC Class V data base and supporting application to provide current LINs, NSNs, DODICs, and other weapon systems ammunition planning and resource data. The resource tracking and resource reports are totally retooled to support OPTEMPO tracking for the BLTM/TRM export. This export will report all task, event, resource planning and executed information (policy to be fielded by DAMO TR). The fully automated CATS employs event strategy import of task, TADSS and OPTEMPO forecasting in unit plans. An export to proponent task developers and CALL (for TFM ONLY) gives units opportunity to provide task input at the step and performance level. A totally new feature is the ability to export SATS plans to MICROSOFT OUTLOOK for installation level calendars posted on servers.



# SATS FAMILY

*CURRENT SATS  
SOFTWARE  
DEVELOPMENT  
VER 4.0/4.1/4.2*

*BULLETIN  
BOARD/WEB  
SITE, AND  
HELP DESK*

*TRAINING FEEDBACK  
(FOR O/Cs) AND  
QUARTERLY TRAINING  
BRIEF MODULE*



*TUTORIAL  
DEVELOPMENT*

*OBJECTIVE  
SATS (UTMC)  
DEVELOPMENT*

*MOBILE TRAINING  
TEAMS FOR USERS,  
UNIT LEADER,  
AND TRAINERS*

# OF PROGRAM SUPPORT

**SATS provides an extensive family of program support items:**

**SOFTWARE SUITE DEVELOPMENT-**The Army Training Support Center is the executive agent and program manager for SATS software development and fielding.

**SOFTWARE AND PROGRAM SUSTAINMENT-**Ongoing reviews of user, unit, and training feedback identify needed program modifications and enhancements to keep pace with changes in Army doctrine, tactics, techniques, and procedures.

**TUTORIAL/VIGNETTE DEVELOPMENT -**Tutorials and vignettes provide independent, self-paced on-line training support to units. These products cover, in detail, all aspects of the functionality behind the SATS program.

**BULLETIN BOARD AND HELP DESK CENTER -** A bulletin board and 24-hour Help Desk are available to respond to unit or user needs and inquiries or to provide the latest guidance and software support. Access is through direct internet connection, modem, DSN, commercial, or 1-800 telephone lines.

**MOBILE TRAINING TEAMS FOR LEADERS AND USERS -** Mobile training teams are available upon request, dependent upon schedule, to provide 40-hour "Train-the-Trainer" classes, so units can sustain proficiency. Separate 4 to 8 hour leader training sessions are also available.

**OBJECTIVE SATS DEVELOPMENT-** The objective system development initiative will provide collective and individual training management support to units. The objective system will be a distributed, inter/intranet enabled unit training management system operating in a multi-user/client-server mode. The goal is to link all echelons and elements Armywide in fiscal year 2001.



**Automates Training Doctrine Supported:**

**FM 25-100(7.0)  
FM 25-101(7.1)  
AR 350-41  
New AR 350-1  
CATS  
OPRED AR 220-1, Ch 7, Phase I**

**SATS automates training doctrine in:**

**FM 25-100, Training the Force**

**FM 25-101, Battle Focused Training**

**New AR 350-1 Army Training and Education (working Final Draft)**

**Combined Arms Training Strategy (CATS)**

**AR 220-1 METL percent trained calculations. (Phase II is projected to assesses individual and crew percent trained reporting—SATS does not do all individual training management required for unit support, these will be part of the UTMC reengineering effort)**

**Department of the Army operational readiness initiatives**

**and other associated guidance and directives such as Army XXI, Warfighter XXI, and Army After next.**



## Army Regulation 350-1 Army Training and Education (EXTRACTS)

1-5c Unit commanders will use Standard Army Training Systems (SATS) and other authorized automated tools that support the training management foundation described in FM 25-100 and FM 25-101

1-5 e The vision is to build synthetic environment battlefields, integrate them with live training, and use automated training management tools to provide trainers with a flexible, mission essential task list (METL)-driven menu of structured exercises, to include mission rehearsal capabilities.

1-8 a (1) The vision is to build synthetic environment battlefields, integrate them with live training, and use automated training management tools to provide trainers with a flexible, mission essential task list (METL)-driven menu of structured exercises, to include mission rehearsal capabilities.

1-8 b Doctrine contained in FM 100-5, FM 25-100 and FM 25-101 is the centerpiece for unit training. The mastery of FM 100-5 doctrine and tactics, techniques, and procedures is the central objective of training. Leaders must possess and be capable of using the doctrinal skills, knowledge, and experience required to train and prepare their units and personnel for assigned missions.

1-10 d. The CATS is the foundation of the unit-oriented training strategy used by the SATS. The CATS and SATS assist trainers in designing training programs, determining unit readiness, planning for mobilization, and developing training budgets.

2-32. Other major commanders, unit commanders, and leaders.

a. Installation, division, State Adjutants General, and USAR major command commanders will implement the Army Training System by assigning missions; develop training guidance and master training plans; allocate the necessary resources to effectively implement these plans; evaluate the conduct of training; reduce training detractors; reduce personnel and unit turbulence; and provide subordinate commanders maximum time to train. The Army-wide Standardization Program, SATS, and, when appropriate, other techniques such as scheduling prime training time or cyclical periods for training and support will be employed to improve training.

4.1 Commanders will ensure the following training management tools are understood and used at appropriate levels: Field Manual 25-100 and FM 25-101.

- (1) The CATS as the foundation for developing unit training guidance, plans, and schedules.
- (2) Current MTPs, drills, and soldiers' manuals (for common tasks and tasks specific to each MOS).
- (3) The SATS.

### SATS position within the Army training management and unit methodology arena in Army Regulation 350-1 = Army Training and Education (EXTRACTS)

As you can see SATS and the use of SATS is well founded in Army doctrine and unit requirements.



**SATS MOBILE  
TRAINING TEAMS  
(MTTs)**

**SATS 4-Tier  
Unit Leader, Trainer, and  
Operator  
Training Opportunities**

- Option 1: This training option is only appropriate for organizations fully invested in the use of SATS as their base for unit training management. This training is designed to accelerate the proficiency of new personnel to the level of others already proficient in SATS. [40 hours of instruction].

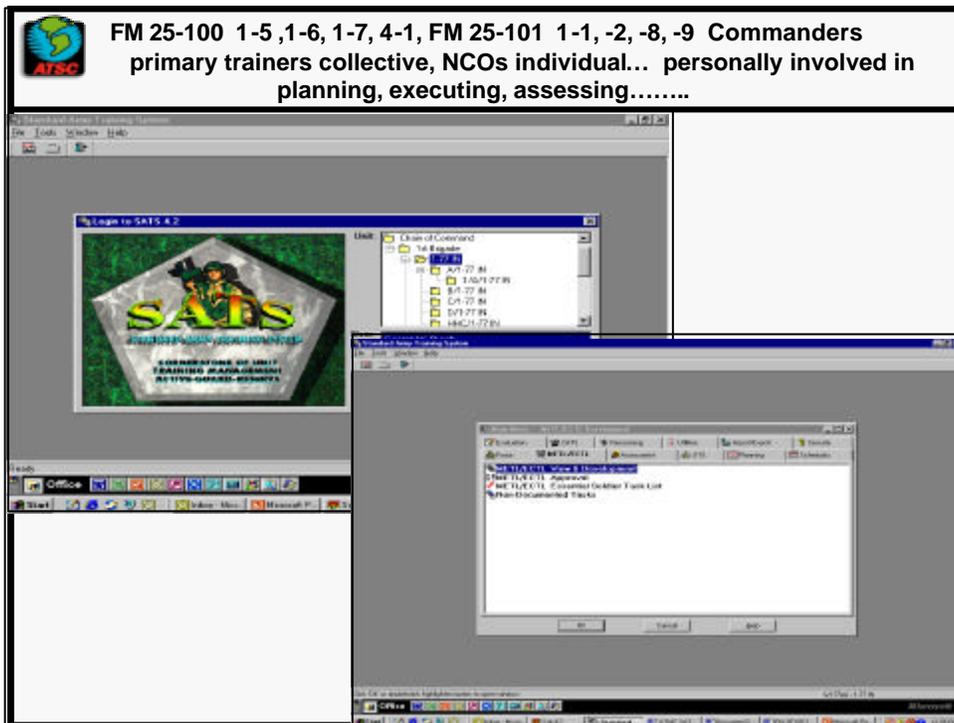
- Option 2: This training option is the most appropriate for any organizations regardless of level of SATS use. This option will provide the most efficient methods of educating both Leaders/Trainers and SATS operators for the purpose of initializing SATS as their base for unit training management. [40 hours of instruction plus briefings to other leaders and trainers not attending the class (Commanders, Sr NCOs)]

- Option 3: Brigade Set Fielding– Concept of Operation. The SATS Brigade Fielding option has expanded the 40-hour POI of the current SATS user course. The training now requires 80 hours, 64 of which are classroom instruction and unit database development, with 16 hours devoted to assisting users to refine their unit specific databases.

- [ A combination of Options 1 & 2 with specific duty training and unit desk side start up assistance with a customized “Turn-Key” program after 2 weeks of training.]

- SATS Computer Based Trainer (Tutorial) is provided on each SATS 4.2 Deployment Disk

The SATS MTT will arrive on location with the software and trainers necessary to train all echelons and leave the units with actual unit data in a startup database. For more information on SATS MTT, contact ATSC directly (Mr. Paul Schmitt) at DSN 927- or commercial 1-757-878-7001 (X6531/21) or by dialing in to the SATS Help Desk, 1-800-201-7287 or DSN 927-4744.



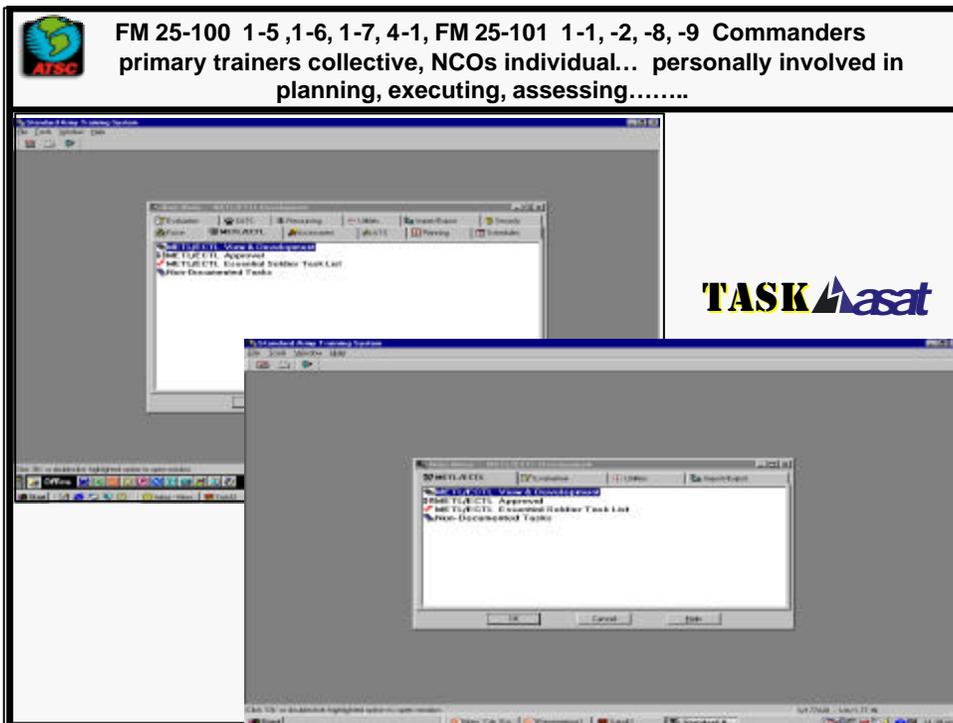
The following slides will show the FM 25-100 or FM 25-101 references and primary functionality windows SATS provides to support those doctrinal requirements. These are high level reviews of doctrine and links to SATS, more detail can be provided in the demonstration or individual use of the tutorial.

The upper screen shows that SATS support multi-echelon, combined arms unit training management. This screen shows the log-on and force structure for this particular command that can be managed by a single individual or as a composite of many units and many operators using import/export capabilities.

SATS is the Army's automated training management system for *unit leaders, trainers and training execution decision makers*. As a major component of Army training automation, it's purpose is to support commanders in producing a coherent, integrated training strategy. SATS 4.2 supports the effort by automating Army training management functions for all echelons. SATS is a tool for the commander, senior trainer, and other training personnel who are in critical training decision making positions. Although SATS is not a clerical/graphic tool that produces reports and charts, it is an automated training management support tool.

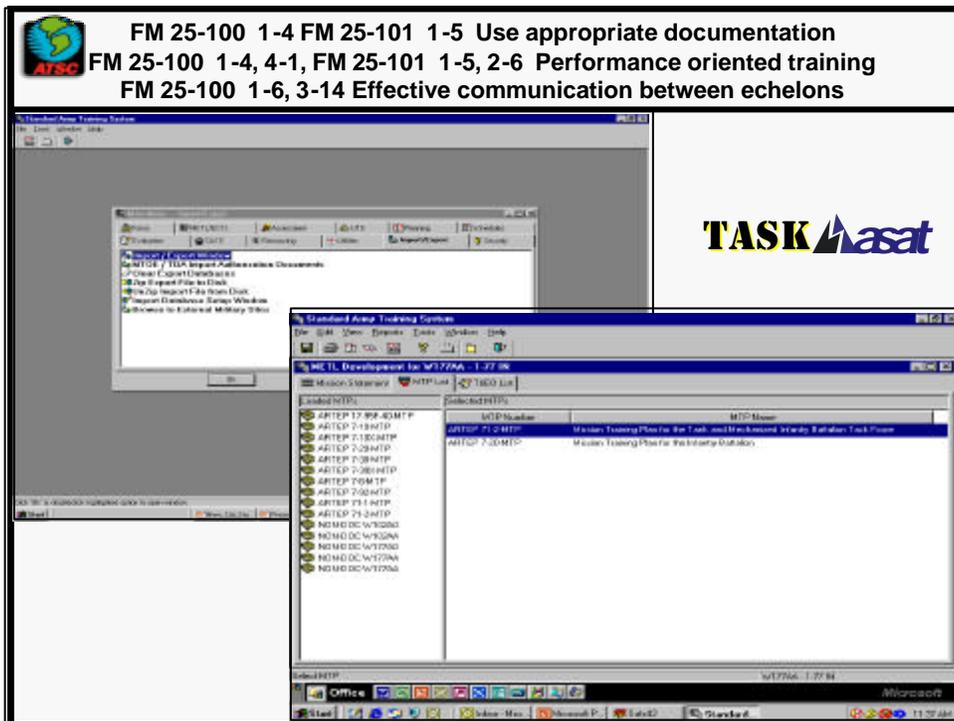
As an example, you can place a company training NCO as a "traffic cop". Their job could be just to ensure all the respective personnel in a unit use SATS to make their planning decisions. The Tng NCO should then coordinate data with higher headquarters and do a few mouse clicks to produce reports. This can greatly increase not only the information accessibility of overall effectiveness and efficiency of the entire process.

The key to successful training management decisions is communication. SATS provides for accesses to the most recent tasked based training materials available to make those decisions and a means in which to effectively manage and communicate those decision manner.



SATS can be customized for any echelon level or operator within a level. The upper screen depicts the entire upper level functionality of SATS. These twelve components are not necessarily used at all levels. The bottom right screen shows only those capabilities necessary for a platoon as an example.

The option three training previously shown provides for those particular knowledge sets for any echelon required by the command. This will no “hold” any individual to an entire week of training when not necessary. As an example, platoons and companies only need 2 days or so to be trained in their particular portion of SATS. They will receive orientation training on all areas but hands on can be focused for individual use.;

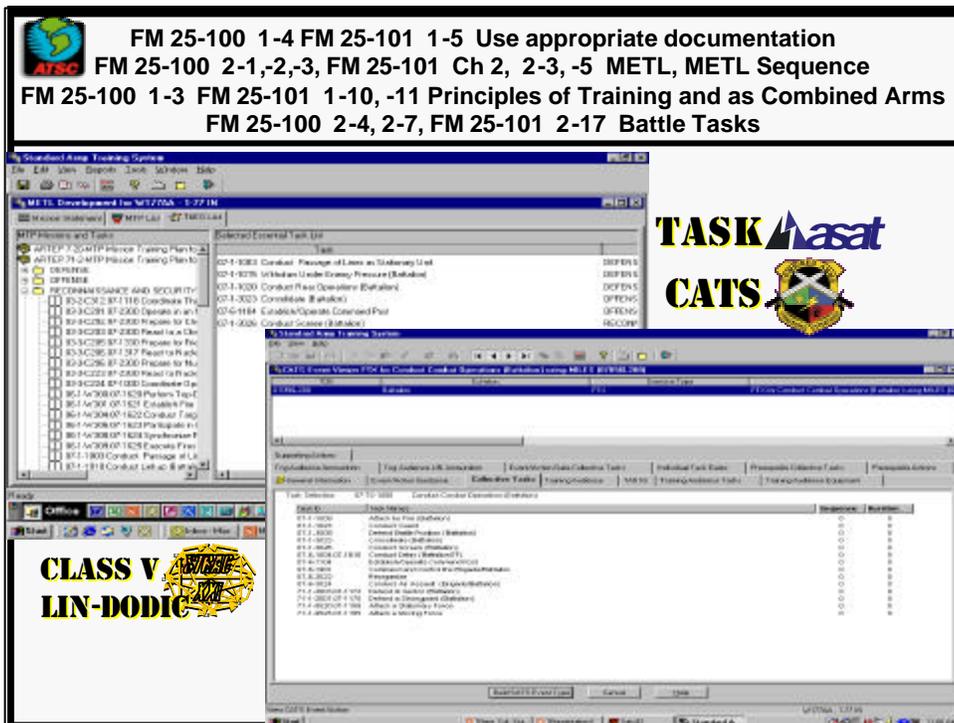


SATS provides “expert source” unit training management information such as proponent MTPs, STPs, MTOEs, Equipment by LIN # and name, Ammunition DOCIC, and associated unit item price or consumption costs. These will be shown on several forthcoming slides.

The upper slide shows some of the categories that SATS either imports or exports. Source data can be imported from either the SATS CD or from downloads from the Reimer Digital Library Data Repository web site.

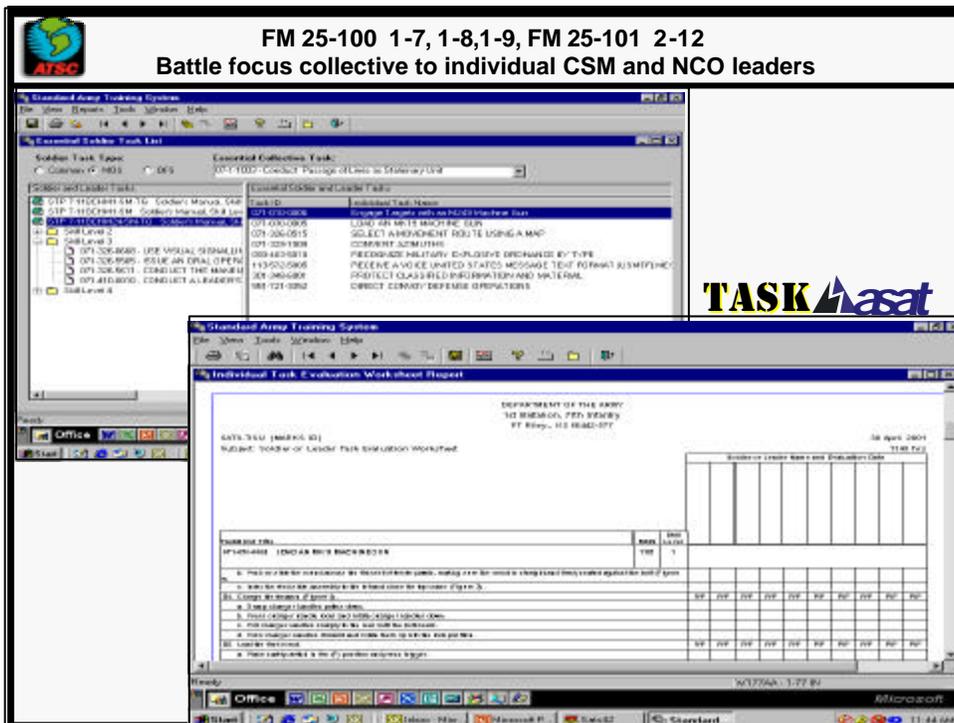
The lower slide demonstrates that as many MTPs as necessary can be loaded for a single operator. Note the MTPs listed as NON DOC. Each NON DOC MTP is also associated with a unit UIC. These MTPs are those that hold the unit “home baked” collective tasks using the SATS collective task creator. This is used when a doctrinal task does not quite fit the METT-T and needs to be modified or no task exist for the mission required by the unit. These MTPs act the same way proponent built MTPs.

This slide demonstrates how select MTPs can be used to select specific tasks from those MTPs to support the mission statement. A follow on slide will show how these are used to build a “proposed METL worksheet” which will be approved the the next higher commander electronically.



As in the process of creating a METL, this screen for METL development shows all the relational mission and collective task data on the left. The user utilized drag-and-drop mouse action to create the METL worksheet on the right. This work sheet can be electronically transferred to the next higher headquarters for approval and return for immediate import back into SATS. There electronic transfers can be made by disk transfer of email file attachments. This and any other transfer process can be made electronically or printed hard copy. To make the process easier, as tasks are moved to the right, the task list is depleted from the left. This is the same process used for each echelon within the command for both collective and as you will see in the next slide, individual to collective associated task planning.

The bottom right screen shows just the first of many task based training strategies information sets provided by CATS. In this case CATS provides collectives task that are recommended to be part of the unit training strategy and thus potential METL tasks that may be selected by the unit. Many other unit training strategy support elements of CATS will be provided in other slides.



SATS also provides for access to STPs to do the collective to individual cross walk training plans and produces Appendix B of FM 25-101. SATS 4.2 does not do full individual training management functions such a electronic evaluation and individual to crew level assessments, these will be part of a future version of SATS and/or the UTM.





**FM 25-100 1-4 FM 25-101 1-6, -7, 2-6 Sustain/maintain proficiency  
 FM 25-100 3-1,-2, -4, FM 25-101 Ch 3 3-2, 5-1 Assessment of the Planning,  
 Assessment T-P-U**

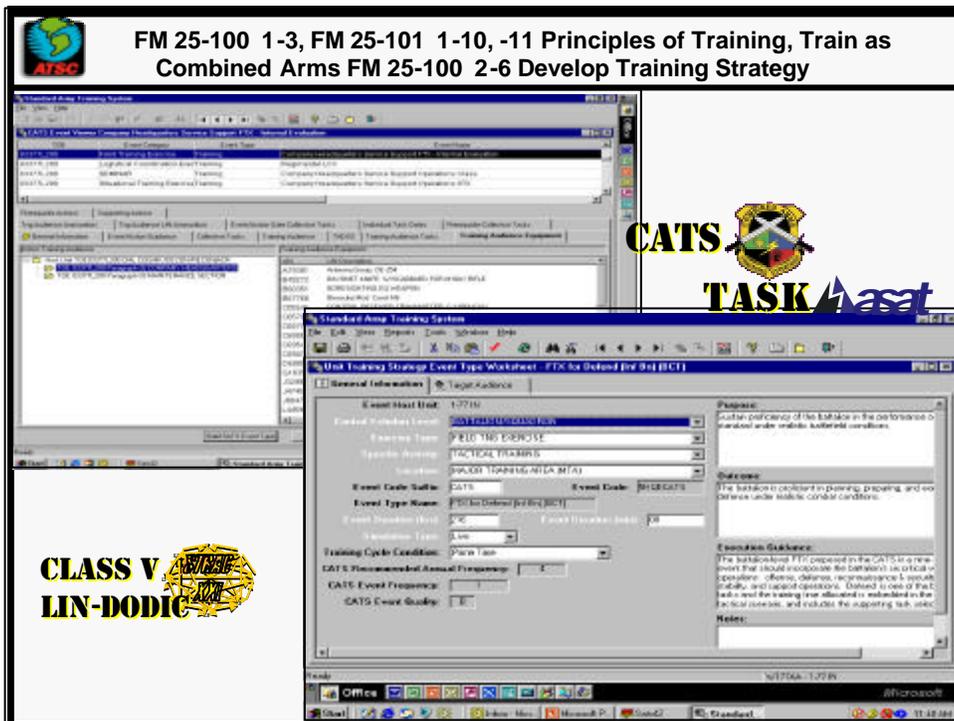
The screenshot displays the SATS (Sustain/Assess/Track) software interface. It features a main window with a task list on the left and a detailed evaluation view on the right. The task list includes columns for Task ID, Task Name, Task Assessment, Mission Name, and Task by Mission Assessment. The evaluation view shows a specific task with its performance measures, a list of steps, and a table for tracking completion status (S, A, N, P, U) across various metrics.

**TASK asat**

SATS provide for electronic assessment of the unit by:

- Task to Mission
- Overall Task
- Overall Mission
- Overall BOS

A double click on any task will display the evaluated task provided the evaluation was properly completed on or prior to the assessment date.

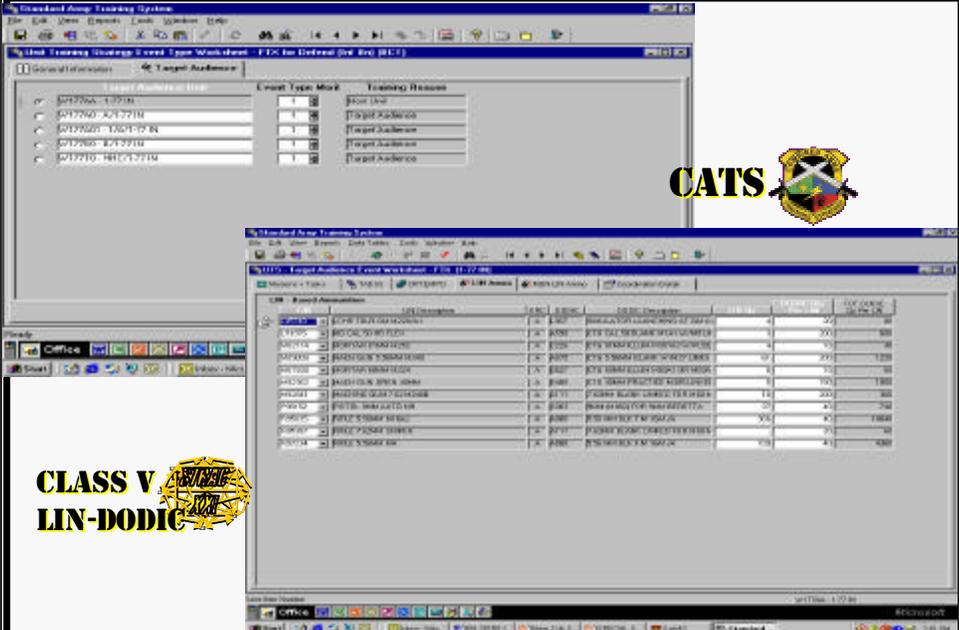


SATS also allows users to pull pre built event information from the CATS. A great deal of information can be viewed and, if applicable, transferred to SATS as an Event Type. The tabs show just some of the information that has been entered into CATS data.

SATS develops Event Types which will later be placed in the Training Plan. By developing event types, it is possible to use the same template many times instead of creating a new event each time there is an event (like FTX).

An event can also be created in SATS without the use of CATS.

 **FM 25-100 1-3 FM 25-101 1-10, -11 Principles of Training, Train as Combined Arms FM 25-100 2-6 Develop Training Strategy**



**CATS** 

**CLASS V LIN-DODIC** 

Event ID	Event Name	Event Type	Event Duration	Event Location	Event Status	Event Start Date	Event End Date	Event Start Time	Event End Time	Event Duration (Hours)	Event Duration (Minutes)	Event Duration (Seconds)	Event Duration (Total)	Event Duration (Total (Hours))	Event Duration (Total (Minutes))
211001	PLATOON TRAINING	1-3	1:00	PLATOON TRAINING CENTER	1	11/11/08	11/11/08	08:00	09:00	1	00	00	1:00:00	1	00
211002	COMPANY TRAINING	1-3	2:00	COMPANY TRAINING CENTER	1	11/11/08	11/11/08	09:00	11:00	2	00	00	2:00:00	2	00
211003	BATTALION TRAINING	1-3	3:00	BATTALION TRAINING CENTER	1	11/11/08	11/11/08	10:00	13:00	3	00	00	3:00:00	3	00
211004	REGIMENT TRAINING	1-3	4:00	REGIMENT TRAINING CENTER	1	11/11/08	11/11/08	11:00	15:00	4	00	00	4:00:00	4	00
211005	BRIEFING	1-3	0:15	BRIEFING ROOM	1	11/11/08	11/11/08	08:00	08:15	0	15	00	0:15:00	0	15
211006	MEETING	1-3	0:30	MEETING ROOM	1	11/11/08	11/11/08	09:00	09:30	0	30	00	0:30:00	0	30
211007	DEBRIEFING	1-3	0:15	DEBRIEFING ROOM	1	11/11/08	11/11/08	09:00	09:15	0	15	00	0:15:00	0	15
211008	PLATOON TRAINING	1-3	1:00	PLATOON TRAINING CENTER	1	11/11/08	11/11/08	10:00	11:00	1	00	00	1:00:00	1	00
211009	COMPANY TRAINING	1-3	2:00	COMPANY TRAINING CENTER	1	11/11/08	11/11/08	11:00	13:00	2	00	00	2:00:00	2	00
211010	BATTALION TRAINING	1-3	3:00	BATTALION TRAINING CENTER	1	11/11/08	11/11/08	12:00	15:00	3	00	00	3:00:00	3	00
211011	REGIMENT TRAINING	1-3	4:00	REGIMENT TRAINING CENTER	1	11/11/08	11/11/08	13:00	17:00	4	00	00	4:00:00	4	00

The same multi-echelon methodology is used when considering combined arms training planning which includes basic TADSS, miles/hours OPTEMPO, and ammunition strategy template development from either SATS developed by the unit or from CATS with the capability to edit to unit limitations.





**FM 25-100 3-6, -7, FM 25-101 3-7, -8, -28 Review calendars and eliminate non essential activities, FM 25-100 3-9 Training Events, Durations, OPFOR, FM 25-100 3-9 Red Green Amber cycles**

The screenshot displays the SATS software interface. The top window shows a calendar view for the months of October, November, and December. The calendar is color-coded with yellow, green, and red bars representing different activity cycles. Below the calendar, there is a detailed list of activities with columns for Date, Duration, Category, Status, and Condition Description. The list includes various training events and exercises, such as 'Platoon Training' and 'Company Training', with specific dates and durations listed.

Date	Duration	Category	Status	Condition Description
10/01/00	0800-1200	Platoon	Green	Platoon Training
10/02/00	0800-1200	Platoon	Green	Platoon Training
10/03/00	0800-1200	Platoon	Green	Platoon Training
10/04/00	0800-1200	Platoon	Green	Platoon Training
10/05/00	0800-1200	Platoon	Green	Platoon Training
10/06/00	0800-1200	Platoon	Green	Platoon Training
10/07/00	0800-1200	Platoon	Green	Platoon Training
10/08/00	0800-1200	Platoon	Green	Platoon Training
10/09/00	0800-1200	Platoon	Green	Platoon Training
10/10/00	0800-1200	Platoon	Green	Platoon Training
10/11/00	0800-1200	Platoon	Green	Platoon Training
10/12/00	0800-1200	Platoon	Green	Platoon Training
10/13/00	0800-1200	Platoon	Green	Platoon Training
10/14/00	0800-1200	Platoon	Green	Platoon Training
10/15/00	0800-1200	Platoon	Green	Platoon Training
10/16/00	0800-1200	Platoon	Green	Platoon Training
10/17/00	0800-1200	Platoon	Green	Platoon Training
10/18/00	0800-1200	Platoon	Green	Platoon Training
10/19/00	0800-1200	Platoon	Green	Platoon Training
10/20/00	0800-1200	Platoon	Green	Platoon Training
10/21/00	0800-1200	Platoon	Green	Platoon Training
10/22/00	0800-1200	Platoon	Green	Platoon Training
10/23/00	0800-1200	Platoon	Green	Platoon Training
10/24/00	0800-1200	Platoon	Green	Platoon Training
10/25/00	0800-1200	Platoon	Green	Platoon Training
10/26/00	0800-1200	Platoon	Green	Platoon Training
10/27/00	0800-1200	Platoon	Green	Platoon Training
10/28/00	0800-1200	Platoon	Green	Platoon Training
10/29/00	0800-1200	Platoon	Green	Platoon Training
10/30/00	0800-1200	Platoon	Green	Platoon Training
10/31/00	0800-1200	Platoon	Green	Platoon Training

**SATS produces Training Plans and their resulting calendar. (A three month quarterly calendar is show, 1 and 12 month views are available) The calendar can be edited “on the fly”, printed, or exported as necessary. In addition, it can be exported to the Microsoft Outlook Calendar as part of the unit’s server based information network calendar.**

**FM 25-101 3-30 Training Schedules**  
**FM 25-100 3-12, -13 Short Range Planning**  
**FM 25-100 4-2, FM 25-101 3-36 Pre execution checks**

The screenshot displays the Standard Army Training System (SATS) interface. The top window shows a list of training activities with columns for Activity Date, Time, Progress, Activity, Location, and Trainer. Below this, a search and filter panel is visible. The bottom window displays a 'Weekly Training Schedule Report Print Preview' for the Department of the Army, 1st Signal Battalion, 77th Infantry, 144E, 1st Cavalian Road, Ft Riley, KS 66422-077. The report is dated 30 April 2001 and shows 9595 hours of training. It includes a table of activities with columns for Start Date and Time, Activity, Location, Trainer, Reference, and Defense.

Start Date and Time	Activity	Location	Trainer	Reference	Defense
0800-0700	PT 4302	PT 4302	816PT1000	FM 21-28	F
0700-0800	Mealtime	Dining Facility	816 0307	DFAC 9307	D
1130-1200	Work	Dining Facility	816 0307	DFAC 9307	D
1200-1300	Conversational Maintenance	English Area	816-Collins/Leake Unit 1st Sgt/ Sergeant	816045 VY001	D
1700-1800	Dinner	Dining Facility	816 0307	DFAC 9307	D
0700-0800	Mealtime	Dining Facility	816 0307	DFAC 9307	D
1130-1200	Work	Dining Facility	816 0307	DFAC 9307	D

SATS utilized information created by the units during the normal training management cycle decision making process to produce reports. A prime example is the Weekly Training Schedule. If information is shared between echelons, a weekly training schedule can be produced in about 7 seconds provided the unit does not want to customize any particular line item.

**FM 25-100 3-10 Training Resources for METL based Training**

**CATS** 

Proj ID	Class	Activity	Proj	Start Date	End Date	Proj Status	Proj Cost	Proj Budget	Proj Balance	Proj Total
11001	A	11001	A	11/01/00	11/30/00	1	100	100	0	100
11002	A	11002	A	11/01/00	11/30/00	1	100	100	0	100
11003	A	11003	A	11/01/00	11/30/00	1	100	100	0	100
11004	A	11004	A	11/01/00	11/30/00	1	100	100	0	100
11005	A	11005	A	11/01/00	11/30/00	1	100	100	0	100

**CLASS V LIN-DODIC** 

Event Total Cost Projections: 1000000    Total Class # Projections: 1000000    Total # of Items: 1000000  
 Expense Items: 1000000    Expense Items: 1000000    Expense Items: 1000000

SATS provides for training resource along with tasked based strategy development. This is another area supported by CATS. The strategy can include not only a task matrix but also OPTEMPO item planning. In the resource module these item merge into a complete SATS training event resource projection.



# FM 25-100 3-10 Training Resources for METL based Training

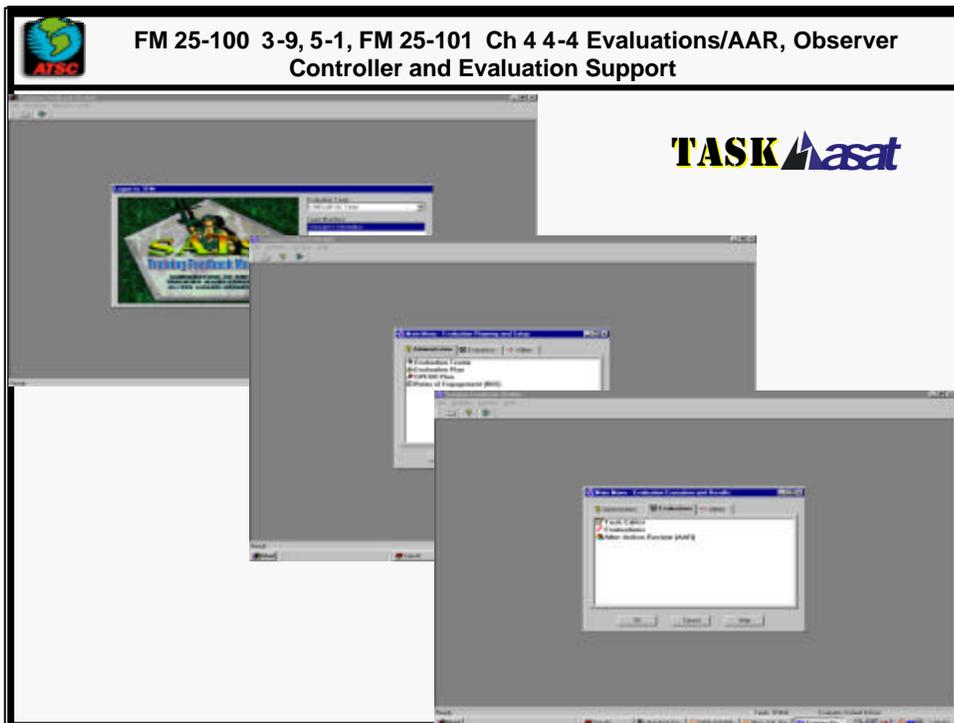
The screenshot displays two overlapping windows from a software application. The top window is titled 'Monthly Ammunition Proposed Requirements Report'. It features a table with columns for 'Current' and 'Proposed' requirements across months from May to August. The bottom window is titled 'Ammunition Expenditures by LTR' and shows a table with columns for 'Responsible', 'Start Date', 'Event Description', 'EST', 'Hours/Miles', 'Proposed', 'Expended', and 'Balance'. A yellow 'CLASS V LIN-DODIC' stamp is overlaid on the bottom left of the screenshot.

Resource tracking in “check book fashion can also be done for ammunition by DOCIC or an individual piece of equipment by miles consumed by event with balances as of the day of the request and as projected across the plan.

**FM 25-100 3-10 Training Resources for METL based Training**

**CLASS V LIN-DODIC**

A wide variety of resourcing reports can be generated in resourcing that can show current, projected and previously expended by item or dollar amounts.



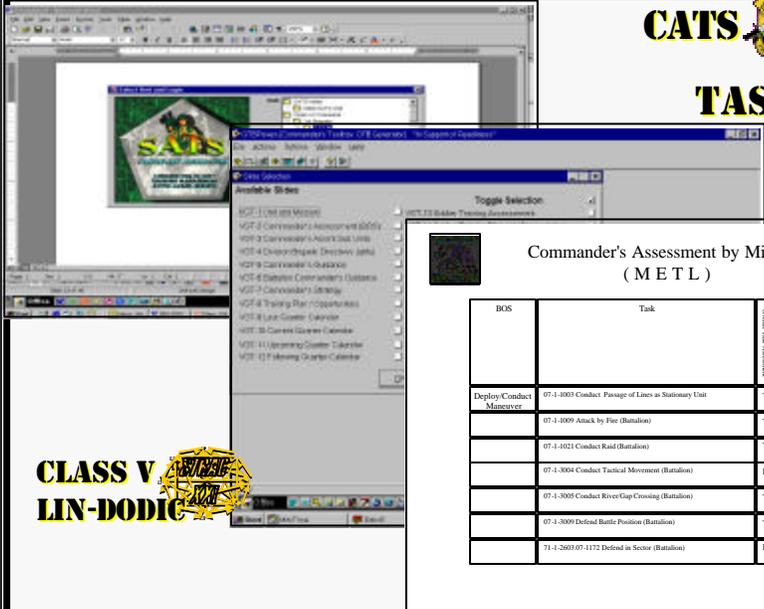
Another way to evaluate training is with the Training Feedback Module (TFM). TFM comes packaged with SATS, and allows users to automate the evaluation of training. SATS will export applicable unit data to TFM, and TFM will export the completed evaluations directly into the database.

It also allows users to develop Evaluation Teams, OPFOR scenarios, Rules of Engagement, AARs and many other evaluation tools. TFM can also support O/Cs by editing tasks like SATS and import other tasks directly into TFM from the SATS CD or Reimer Digital Library Data Repository

**FM 25-100, 3-17 QTB**





**CLASS V  
LIN-DODIC**

**Commander's Assessment by Mission  
(METL)**

BOS	Task	DEPLOYMENT		OPERATIONAL		SUPPORT	
		PLANNED	ACTUAL	PLANNED	ACTUAL	PLANNED	ACTUAL
Deploy/Conduct Maneuver	07-1-003 Conduct Passage of Lines in Stationary Unit	-	-	-	-	-	-
	07-1-009 Attack by Fire (Battalion)	-	-	-	-	T	-
	07-1-1021 Conduct Raid (Battalion)	-	-	-	-	T	-
	07-1-304 Conduct Tactical Movement (Battalion)	-	-	-	-	P	-
	07-1-305 Conduct River/Cap Crossing (Battalion)	-	-	-	-	T	-
	07-1-309 Defend Battle Position (Battalion)	-	-	-	-	T	-
	71-1-205/07-1172 Defend in Snow (Battalion)	-	-	-	-	P	-

QTB Power is the quarterly training and yearly training briefing slide generator. It also secures unit data by sharing the SATS user id and password process. This module extracts all the SATS task, planning and assessment data for the slides.

SATS data populates approximately the first 12 slides and the unit enters the other information.

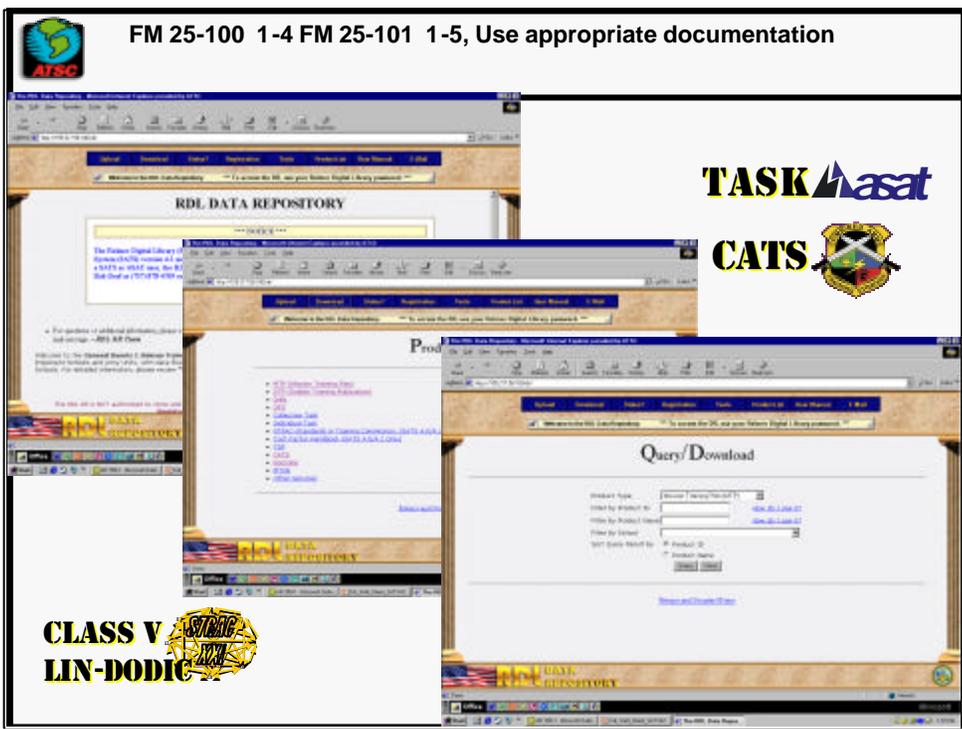
Slide templates can be further modified for unit specific look, feel, and layout through the use of computers graphic software.



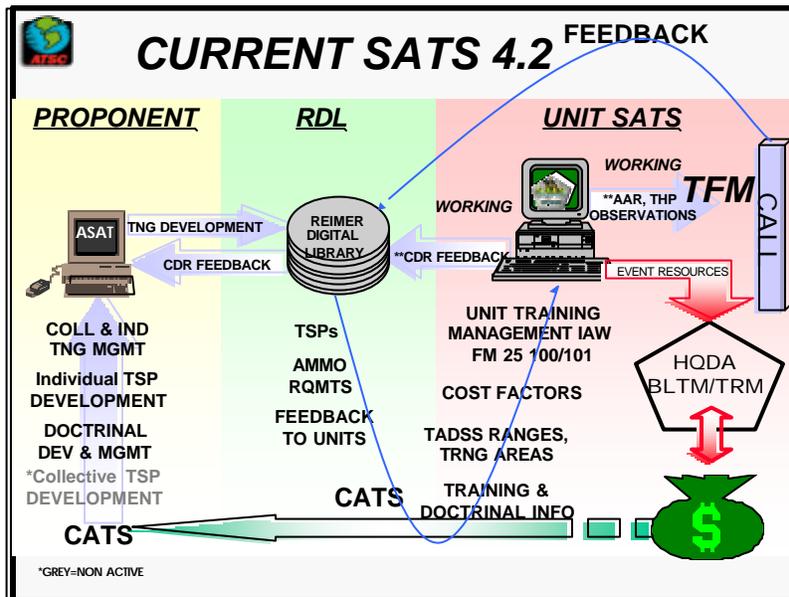
## SATS 4.2 REPORTS LIST

Ammunition Authorization	ECTL Approval	Event Worksheet	Prior METL/ECTL
Approved ECTL	ECTL Worksheet	Execution Matrix	Programmed/Authorized Funds
Approved METL	Essential Soldier Task List	Execution Matrix/TADSS	Quarterly Ammunition Status
Approved METL/ECTL	Essential Soldier Task Worksheet , Common Task	External Report Viewer	Quarterly Budget Status
Assessment Matrix	Essential Soldier Task Worksheet , MOS	Federal Holiday	Quarterly OPTEMPO Status
Battle Task	Essential Soldier Task Worksheet , OFS	Funds Authorization	Request for Approval
Battle Task/Supported Task Assignment	Evaluation Training Objective	Funds Program Analysis	Request for ECTL Approval
BOS/AUTL Assessment	Event Class III Resource Projection and Expenditure Detail	Garrison	Request for METL Approval
BSC Allocation	Event Class IX Resource Projection and Expenditure Detail	Holiday	Resourcing Projections
BSC Default	Event Class V Resource Projection and Expenditure Detail	Horizon	SATS Force Structure
CATS Calendar	Event Type Coordination Detail for Target Audience Unit	Hours/Miles Allocation	SATS Unit
CATS Collective Gates	Event Type Coordination Detail Summary	Hours/Miles Expenditure Summary	Soldier or Leader Task Evaluation Worksheet
CATS Collective Task to Action	Event Type LIN Based Ammunition for Target Audience Unit	Hours/Miles Expenditures by LIN	Summary Execution Matrix
Frequencies	Event Type List	Individual Task Summary	TADSS
CATS Drill Gates	Event Type Missions and Tasks for Target Audience Unit	Individual User	TADSS Summary
CATS Gates	Event Type OPTEMPO for Target Audience Unit	METL Approval	TEO w/Supported Missions
CATS Individual Gates	Event Type OPTEMPO Summary	METL/ECTL Development	Training and Evaluation Outline
CATS Matrix	Event Type OPTEMPO With Cost Factors for Target Audience Unit	METL/ECTL Essential Soldier Task List	Training Events
CATS Resource	Event Type OPTEMPO With Cost Factors Summary	Mission Assessment	Training Objective
CATS Task to Event	Event Type TADSS for Target Audience Unit	Monthly Ammunition Expenditure	Training Schedule Setup Options
CATS View by METL Task	Event Type Worksheet	Monthly Ammunition Projected Requirements	Uniform
CATS View by METL Task	Event Type Worksheet	Monthly Budget Expenditure	Unit Class V Allocation
Collective Task Evaluation	Event Type Worksheet	Monthly Budget Projected Requirements	Unit Holiday
Class I Resource Detail	Event Type Worksheet	Monthly OPTEMPO Expenditure	Unit MARKS Numbers
Class II Resource Detail	Event Type Worksheet	Monthly OPTEMPO Projected Requirements	Unit Training Cycles
Class III Resource	Event Type Worksheet	Monthly Training Schedule	Unit Training Strategy
Class IV Resource Detail	Event Type Worksheet	MTOE/TA Summary	Unit Users
Class Other Resource Detail	Event Type Worksheet	MTP Collective Task to Mission Matrix	Unit Training Cycles
Class V LIN DODIC Resource	Event Type Worksheet	OPTEMPO Authorization	Unit Training Strategy
Class V Non-LIN DODIC Resource	Event Type Worksheet	OPTEMPO/Ammo Authorizations	Unit Users
Class VI Resource Detail	Event Type Worksheet	Plan Descriptions	User Maintenance
Class VII Resource Detail	Event Type Worksheet	Plan Descriptions Summary	View METL/ECTL s Button
Class VIII Resource Detail	Event Type Worksheet	Planning Calendar	Weekly Training Highlights with Notes
Class X Resource Detail	Event Type Worksheet	Planning	Weekly Training Highlights
Collective Task Evaluation	Event Type Worksheet		Weekly Training Schedule
Coordination Schedule	Event Type Worksheet		Worksheet
Current METL/ECTL	Event Type Worksheet		
Default MARKS Numbers	Event Type Worksheet		
Dollar Expenditure for FY	Event Type Worksheet		

**SATS currently produces about 138 base reports. These can be increased by 3 or 4 depending on the availability of different sort, filters and view.**



These screen show the existing portals to data usable in SATS through the RDLDR. Other information “packages” (notional plans, schedules, patches, etc) can also be found on the SATS Web page (www.satsbbs.com).



This presentation depicts the information flow from the development of training information in ASAT by proponents, through the RDL, made available by views or downloads into unit SATS. Once executed and evaluated by the commander, feedback is made available back to proponents, CALL or HQDA for Congressional Budgetary Guidance.



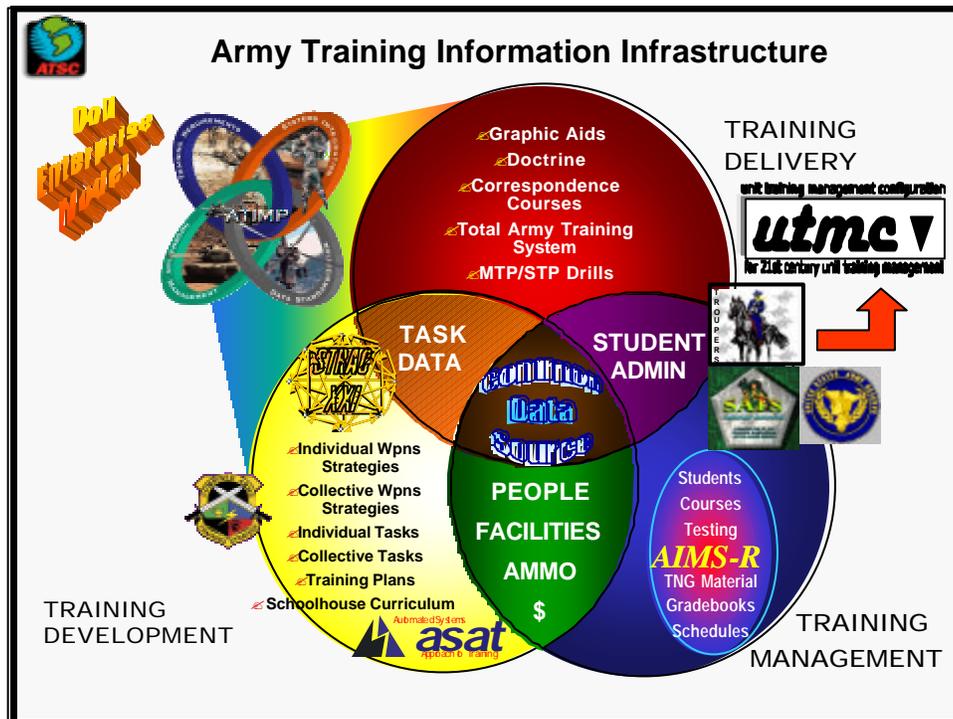
unit training management configuration

***utmc*** ▼

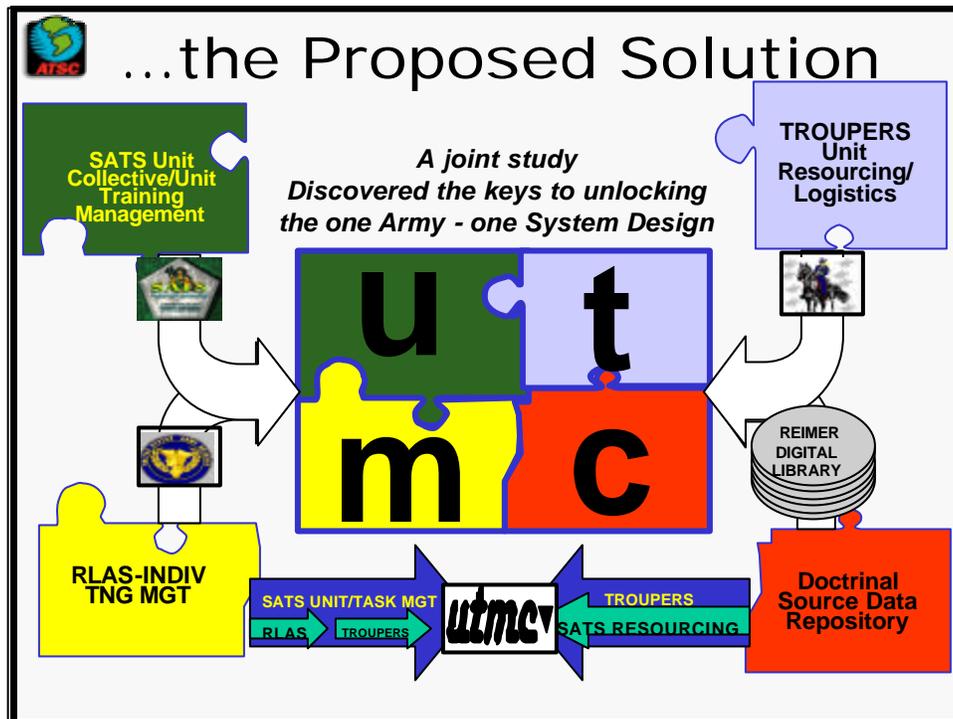
for 21st century unit training management

***Unit Training Management Configuration (UTMC)  
Army Training XXI Information Architecture (ATIA) Overview***

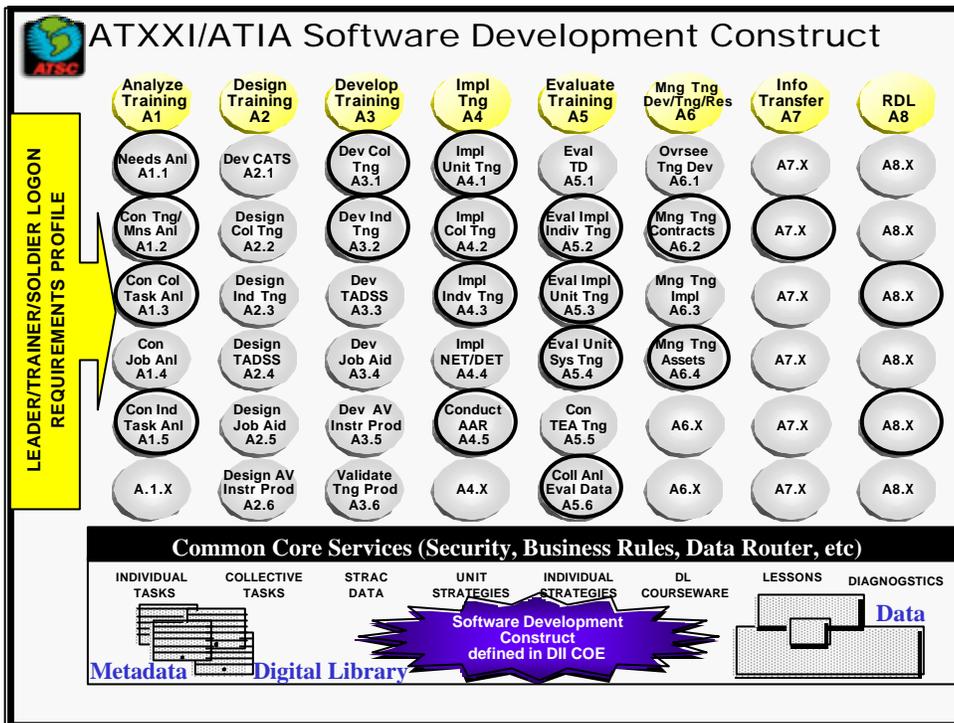
This part of the briefing is to provide information on the effort of merging the functionality the Standard Army Training System (SATS), the National Guard Training, Readiness & Operations, Unit Planning, Execution and Resourcing System (TROUPERS), and unit training aspects of the USAR Regional Level Administration System. (RLAS has been undergoing reengineering and final state is not known nor have any further information been received from USARC). The future course of action to effective “build” automation requirements will be through universally applicable modules and segments that will be compiled as a configuration according to the “profile” of the user. The UNIT TRAINING MANAGEMENT CONFIGURATION (OR UTMC) will provide input to support all unit direct “sets” of modules/segments that meet the “unit” requirements. This briefing will also explain our ATIA effort in development, storage, delivery and management at a high level.



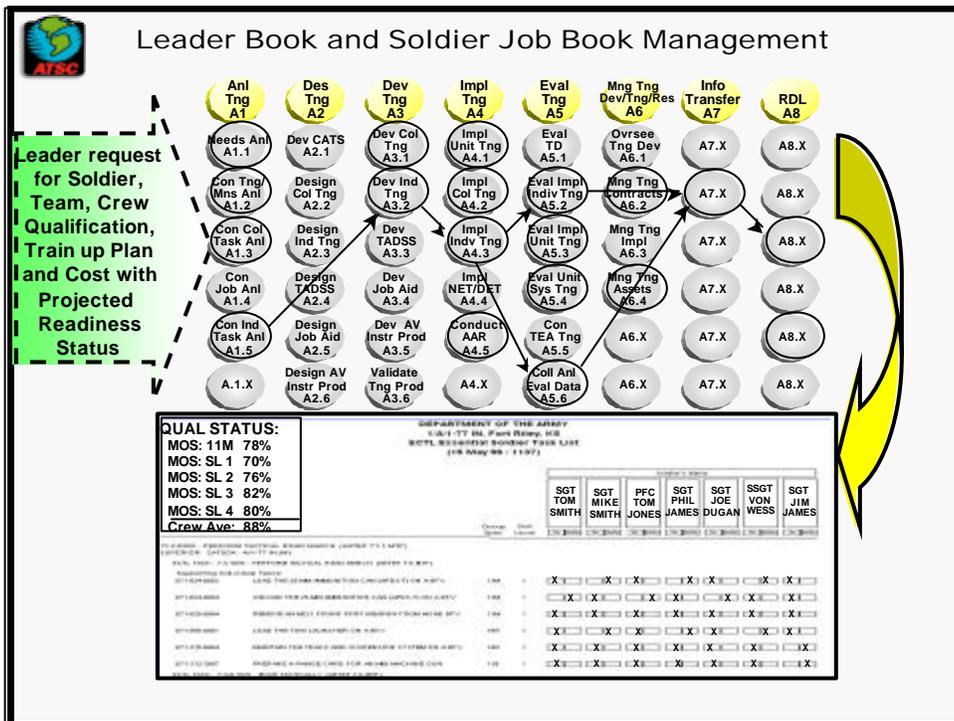
SATS is the unit training management piece of the Army's automation of training from the training and doctrine development in the proponent piece called the Automated Systems Approach to Training (ASAT) to the Army Reimer Digital Library (RDL) for storage to SATS the unit piece. AIMS-R/PC is the proponent school house individual/institutional training management piece. All systems shown are integral parts of the automation of Army training. This system provides for online-realtime training information updates and upgrade--the only ones within the Army Training Information arena.



The FORTRESS was a joint venture between the Army Training Support Center, the Army National Guard Readiness Center and other information provided by the USARC. This study identified these differences and singularities of each program, provided a plan to harvest the best of each while incorporating new task data from the Reimer Digital Library. The UTMC is a result of these studies.

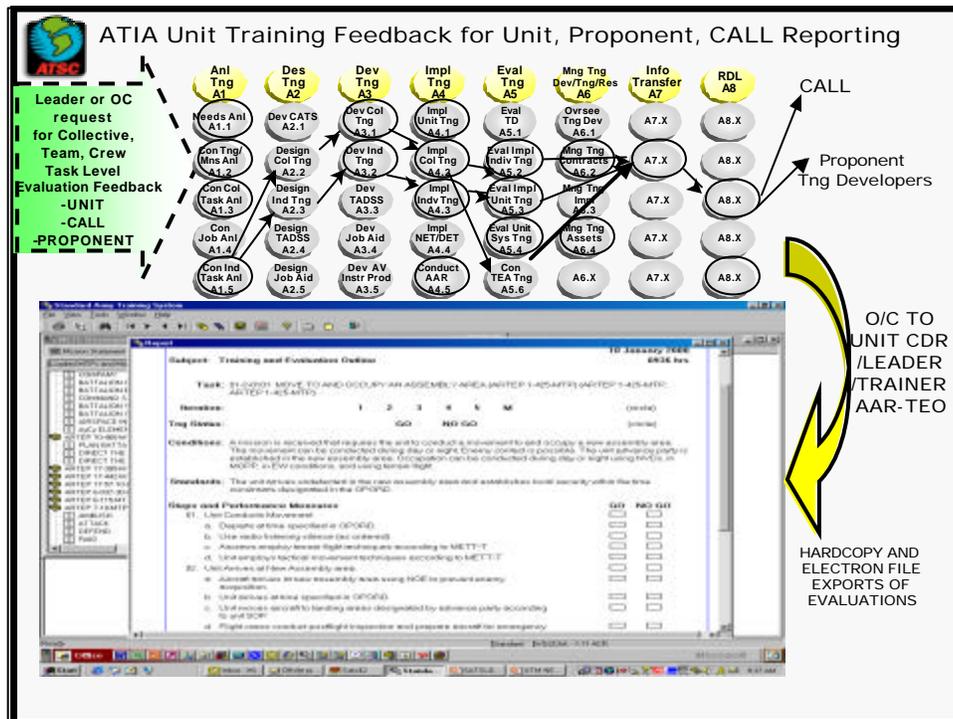


As an example, the intelligent agent would have selected the above set of modules for a given position or “need” of the person logging on to build their program and information requirements.



Series of Typewriter slides demonstrates how ATTA-M will group functionality into “packages/keys” So can assemble pieces to meet particular training problem. In this case the requirement stated by the unit trainer/leader will tap the necessary keys/or module to produce outputs, in this case a readiness type report for individual MOS qualification.



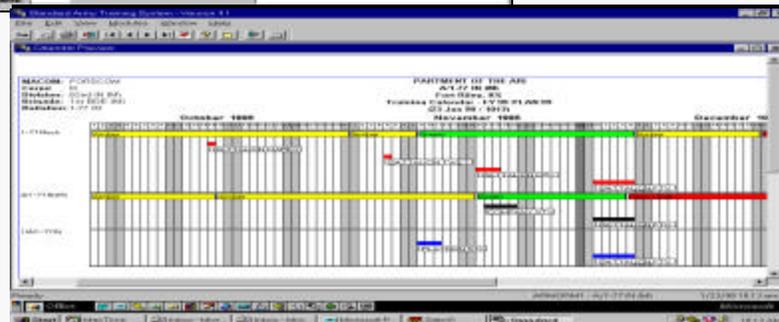


The electronic feedback can be created, linked, or stored by according to the needs of the Army or otherwise authorized “system”.

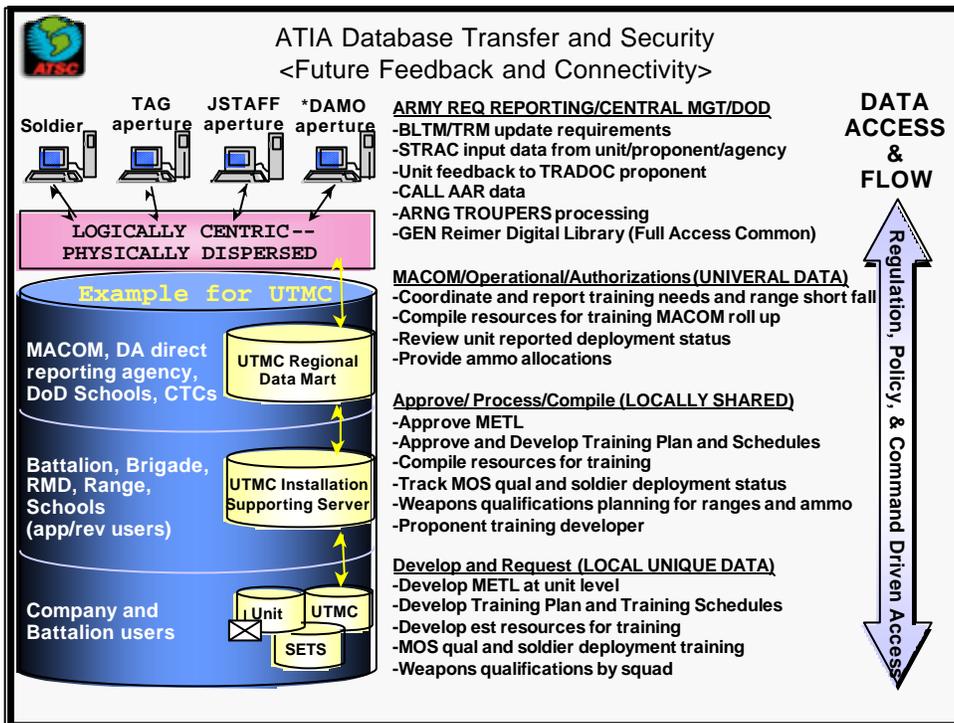


## Unit METL Training and Weapons Qualification Event Generator & Planner

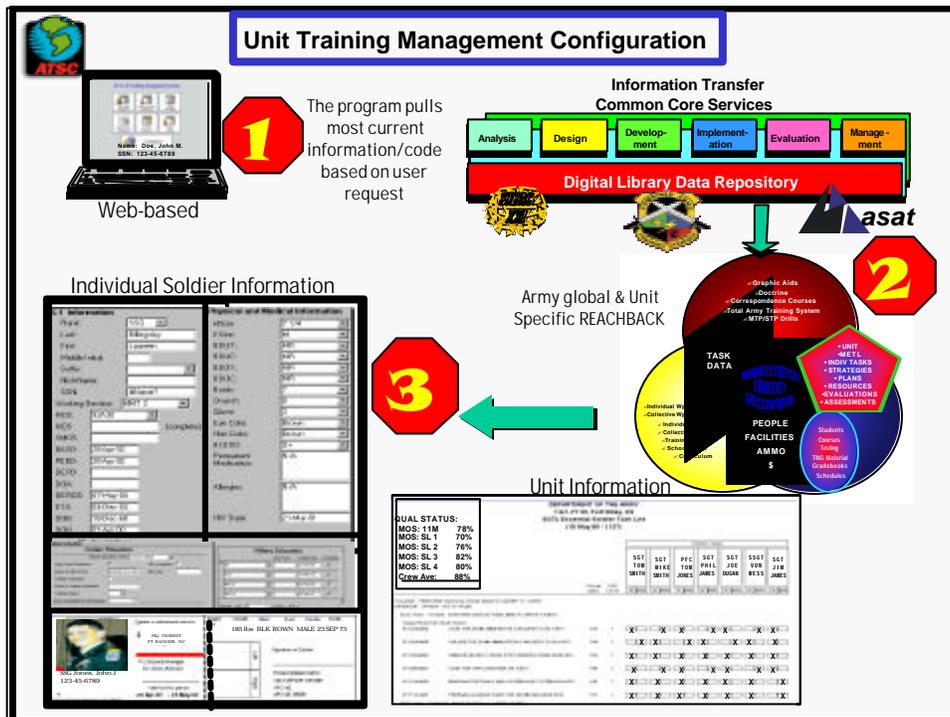
**STRATEGY GOAL**  
Seamless data transfer from CATS Training and Weapons Qualification Requirements, Supporting Unit METL, thru Weapons On-Hand, thru Individual and Crew short fall thru training event generation to planned training.



Once the event from CATS or directly from the STRAC Strategy is selected it will populate the top “event generation panel” for unit customization by the trainer, then once completed it will be recorded as a planned and resourced event in the ‘schedules and calendar’ modules. This data will be shared with other unit elements associated with this event and therefore they can plan appropriately.



In the TO-BE methodology the “application set of modules and segment” and supporting data used and created by units will reside on different level according to existing regulation or other Army policy. Information such as AFPT scores would remain local, ammunition requirements for training would go up to the level necessary for acquiring support.



As a conceptual demonstration of this new “configuration” system of systems...

Based on the configurations in the common core services for the individual logging on, the self organizing modules and segments along with supporting “data” will be made available for use. The “intelligent” agent will also call up earlier configuration for that user and provide other options to modify the needs for the current session.



**FOR ADDITIONAL INFORMATION CONTACT**

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FT EUSTIS VA 23604  
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**SATS HELP LINE/TRAINING:  
COMM: 1 (800) 201-SATS (7287)  
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[www.sats.army.mil](http://www.sats.army.mil)**