



# Exercise Design Tool



The Training Brain Repository (TBR) - Exercise Design Tool (EDT) - a web-based application that allows commanders and trainers the ability to tailor realistic exercises to replicate the Operational Environment (OE) and address their unit's training objectives, while significantly shortening the exercise design process. Users can easily find and download any training support package and quickly use the EDT to tailor modifications based on their unit-specific criteria, such as their Mission Essential Task List (METL) or training objectives.

## CURRENT FEATURES:

- Decisive Action Training Environment (DATE) compliant
- View, copy, modify, and reuse previous training support packages
- Create new or modify existing storylines and events
- Task organize forces, import maps, and create operation orders and graphics
- Provide STARTEX data for constructive simulations

## UPCOMING FEATURES:

- Generate auto-populated operation order annexes, appendices and tabs
- Leverage OE data and analyze theater specific reports
- Entity extraction and data transformation tools
- Provide usage and analytical reports
- Support to experimentation and wargaming efforts



TBR-EDT focuses on soldier, leader and unit training requirements at every level. TBR-EDT provides access, through an intuitive, adaptive platform, to a robust repository, containing relevant information, empowering commanders and training officers to develop realistic, tailored training support packages.

<http://tbr.army.mil>

<https://tbr.army.smil.mil>

“Conduct tough realistic multi-echelon home station training utilizing our live, virtual, and constructive capabilities to efficiently and effectively assure individual, leader and unit competencies.”

*CSA Priorities - “Waypoint 2”  
GEN Raymond T. Odierno, 38th  
Chief of Staff of the Army  
FEB 2014*

## THE POWER OF TBR

Design training exercises for units at every echelon, on a collaborative platform, within and across units. Globally accessible, the TBR-EDT supports the Army Training Network, Army Knowledge Online, the Center for Army Lessons Learned, and other available resources.

- Intuitive “wizard” user interface
- Integrated architecture
- Standardized search criteria
- Robust structured repository

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Training and Doctrine Command

# POWER THROUGH COLLABORATION

The TBR-EDT is not simply a collection of documents uploaded without regard for file type, format, or context. Rather, documents are structured so that real-world relationships are preserved in the TBR-EDT’s database. This allows users to search for exercise content based on a number of criteria including, but not limited to, operational environment, type of exercise, type of operation or training location. Additionally, the TBR-EDT cross-references Army Tactical Tasks (ART) with collective and individual tasks that comprise a unit’s METL. Those task lists will tie directly to the selection of discrete training events, the Master Scenario Event List (MSEL), and the creation of Training Support Packages (TSP).

## Intuitive Design

The TBR-EDT experience includes a “wizard” interface. Upon completion, rather than presenting a single search box or a search page with numerous clickable options, the TBR-EDT will query users about their unit and training criteria. Through its structured database, the TBR-EDT automatically retrieves unit METL, unit location, subordinate/higher units, and other information relevant to the user. Based on that information, the TBR-EDT will automatically filter search parameters for the exercise. For example, the TBR-EDT retrieves a Heavy Brigade Combat Team (HBCT) METL for a HBCT, not a Combat Aviation Brigade (CAB) or an Infantry Brigade Combat Team (IBCT) METL.

*“Train as you will fight means training for the mission under the conditions of expected, anticipated, or plausible OEs...Fight, in the context of training, includes lethal and nonlethal skills in decisive action.”*

*Training Circular 3-21.30*



*Example: A unit is deploying to a location where there are Internally Displaced Persons (IDP). That unit would search for events, in several theaters, to incorporate into a training exercise. At full functionality, the TBR will allow units to conduct a search of Operational Environments and Decisive Action tasks such as “stability” in “Indonesia”— a feature that will allow users to focus on specific training objectives.*

## THE RESULTS

Commanders and training officers can efficiently develop training plans that accurately emulate the environments to which they plan to deploy. They can integrate operational environment data with specific unit organization, training objectives, and available training locations.

- Quick user adaptation
- Easy navigation
- Fully customizable training scenarios