



DEFENSE

**User**

U.S. Army Europe and subordinate commands

**Partner**

Tierra Plan, Esri partner since 2012, based in Colorado Springs, Colorado, USA

**Challenge**

Make Army training in Europe easy to plan to ensure readiness

**Solution**

Microsoft ASP .NET  
ArcGIS® API for JavaScript  
ArcGIS for Server  
jQuery  
Oracle  
SQL CE embedded database

**Results**

Streamlined access to information for training facilities, areas, maps, and supporting documents

# Tap In Facilitates Training in Europe and Africa

U.S. Army Europe’s (USAREUR) 7th Army Training Command (7ATC) provides dynamic training, preparing the United States, North Atlantic Treaty Organization (NATO), and partner-nation forces to execute unified operations and missions. The 7ATC is the Army’s only unified training command that has an organic ability to provide training—from the individual soldier to Joint Task Force headquarters staff. The 7ATC manages over 1,000 resources including training centers, ranges, classrooms, and facilities located across U.S. European Command (EUCOM) and U.S. Africa Command (AFRICOM), enabling USAREUR and its partners to train together for operational readiness.

## The Challenge

Because of the complexity of the training schedules and the multiple facilities involved, planners navigated a variety of planning aids such as training schedules, standard operating procedures (SOPs), facility types, handbooks, and maps. The difficulty in searching, reviewing, and cross-referencing disparate information put a strain on planning training activities. A comprehensive, easy-to-use planning tool was needed.

## The Partner

Tierra Plan LLC, an Esri partner located in Colorado Springs, Colorado, develops web and mobile geospatial applications. To speed up 7ATC planning operations, it developed Tap In, an ArcGIS technology-based web mapping tool.



Courtesy of U.S. Army.

“Awesome.”

“This will put our S3s out of a job.”

“Wow!”

“Nice.”

“Why don’t we have Tap In across the U.S. Army?”

Comments from 7ATC’s Company Commander-First Sergeant (CCFS) Course students

## The Solution

The Tap In application enables training planners to quickly review and explore training resources while providing a one-stop shop for EUCOM and AFRICOM personnel in need of specialized training. The application integrates information from numerous data sources including the Range Facility Management Support System (RFMSS) and makes it available to over 1,000 army facilities and training areas. Tap In includes the following:

- Mapcentric interface
- Spatial data layers
- Facility scheduling information
- Document repositories
- National Geospatial-Intelligence Agency (NGA) imagery from DigitalGlobe
- Training exercise information
- External services such as weather and environmentally sensitive areas

Powered by the USAREUR Sustainable Range Program’s Army Range Mapper (ARM), Tap In is U.S. Army-accredited and available to soldiers and planners throughout Europe and Africa.

## The Results

This innovative ArcGIS application has given soldiers and planners instant access to information that was previously difficult to find. By combining valuable facilities and training area information from multiple sources into one simple user interface, planning time has been reduced and operational readiness improved. The intuitive design fostered adoption throughout USAREUR. In 2015, Tap In was accessed about 13,000 times. Regular feedback from those using Tap In helps to guide continued development of new functionality.



[www.tierraplan.com](http://www.tierraplan.com)

