

Symbology Server™

SYMBOLIZE

Military & DHS Symbology

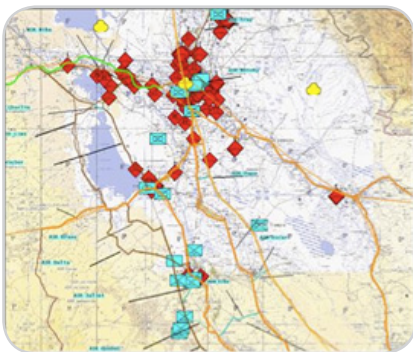
Dynamically generate symbols that comply with DOD and DHS standards

Symbology Server

Consistent symbology, combined with the ability to present dynamic views of military operations, can provide a common operational picture to all levels, from military planners to warfighters.

Applications of Military Symbology

- Command, Control and Intelligence
- Theatre Visualization
- Situational Awareness
- Planning and Analysis
- Multi-Source Intelligence Fusion
- Historical Review
- Blue Force Tracking
- Threat Integration



Symbols are provided as a web service, allowing any network-connected client to request symbols and integrate them with their display.

MIL-STD 2525 & DHS

A critical part of any military command, control and intelligence system is its ability to display real-time information in a clear and unambiguous way. To support this need, the U.S. Defense Information Systems Agency created Military Standard 2525 to ensure that all branches of the military, as well as related agencies and private sector activities, would share a common symbology.

ObjectFX's Symbology Server is a complete, scalable and flexible implementation of MIL-STD 2525 and DHS Symbology that has been deployed in multiple fielded programs.

Symbology Server Features

- High performance, accurate rendering of tactical symbols and graphics
- Support for appendices of MIL-STD-2525B and 2525C, including:
 - C2 Symbology: Units, Equipment and Installations
 - C2 Symbology: Military Operations
 - Naval Meteorology and Oceanography Symbology
 - Signals Intelligence Symbology
 - Military Operations Other Than War Symbology
 - Stability Operations Symbology
- Based on symbol codes specific in DHS symbology and MIL-STD 2525
- Ability to customize size and fill (e.g., pattern, color)
- Symbol caching can be pre-configured to cache most frequently used symbols
- Client or server-based rendering allows system architects to optimize application performance
- Includes symbol database