Communication Assets Survey and Mapping Tool

CASM is a web-based tool that assists public safety agencies to collect and visualize data, and assess inter-agency interoperability based on the communication assets and interoperability methods (i.e. land mobile radios, gateways, radio caches, interoperability channels, etc.) that exist in their urban area or state.

Benefits:

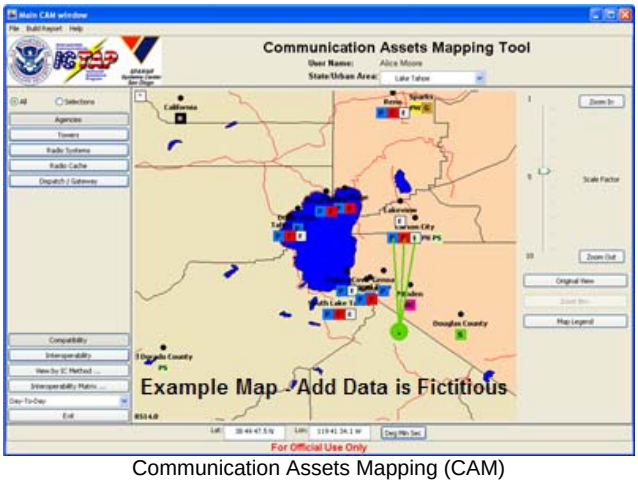
Sharing Data
CASM makes communication assets and interoperability data available to authorized users within an urban area or state. The tool assists participating public safety agencies in understanding the interoperability methods used by neighboring agencies, across disciplines and jurisdictions.

Access to Up-to-Date Data
Repetitive data collection efforts need not be conducted once data has been entered in CASM. Maintenance of existing data is easy and may be done at any time.

Identifying Gaps
CASM provides a number of different ways to visualize potential interoperability between agencies in an urban area or state. This information may be used to design solutions to interoperability gaps.

Reporting Options
CASM provides eight different pre-formatted reports that may be easily converted to standard word processing or spreadsheet documents for further customization by individual users.

Communication Assets Survey (CAS)



Communication Assets Mapping (CAM)

Features:

Web-based Tool
Data is entered into a single database by geographically disparate users, where and when it is convenient. CAM pulls the newest data to display each time it is launched.

Duplication is minimized
Data entered in one place may reappear on other forms as selection choices. When one user enters data, it is viewable and, in some cases, selectable by other users.

Form-driven data entry
Numerous pick-lists assist users in entering uniform data. There are many opportunities to enter notes and comments.

Data edit-ability
Permissions are based on user privileges and agency "ownership" of assets.

Data Import Service
With ICTAP assistance, new data may be imported into CASM from formatted MS Excel spreadsheet templates.

Data Export
Data in the CASM database may be exported to tab-separated files for use in MS Excel or any custom application.

Data Completeness Evaluation
Several methods are in place to assist in monitoring the level of completeness of the data that is entered.

Map-based display interface
Agencies, communication assets and interoperability methods are viewable in a map-based interface.

Inter-agency interoperability
Interoperability is illustrated in a clear, color-coded format by using either the Compatibility function or Interoperability Matrix.

Drill-down
Detailed information is available by clicking map icons and links on information pages.

Community Forum
Share information and tips with other CASM users across the country or within your own state or urban area.

TICP
Interoperable Equipment portion of the Tactical Interoperable Communications Plan (TICP) Report can be generated directly from CASM data.

Reports
Comprehensive reports can be generated, printed and saved.

Online Help
Help and tutorial are available online. Flash presentations demonstrate new enhancements.

Scalable
With ICTAP assistance, the scope of data collection and visualization may be expanded to a larger geographic area over time.