# CanMap® Content Suite
# User Manual

v2022.3

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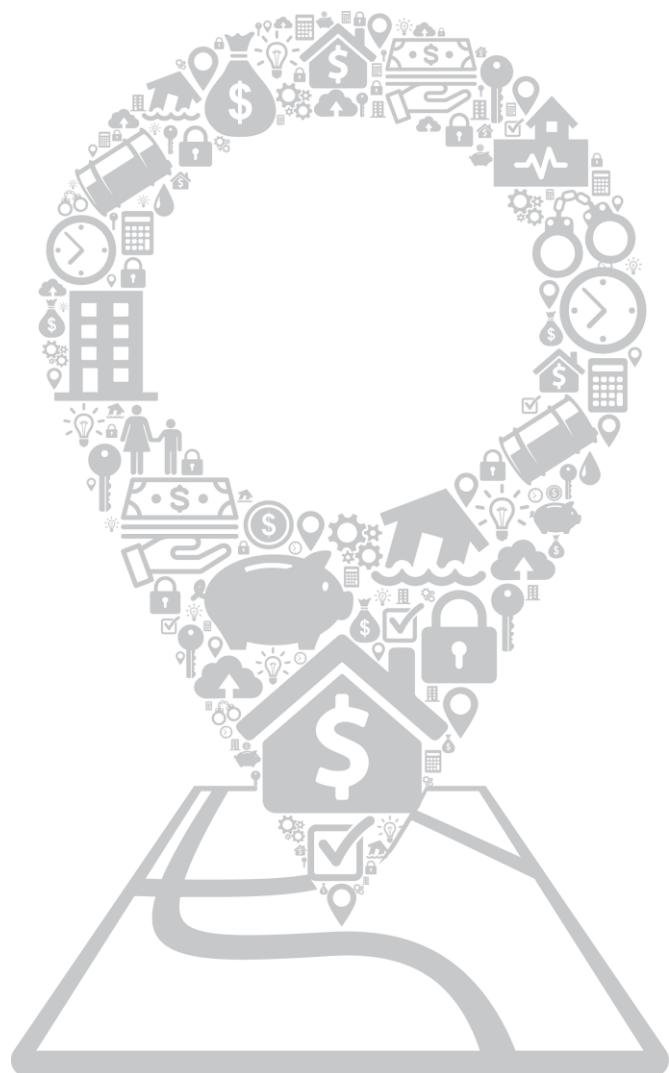
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## About DMTI Spatial

DMTI Spatial, a Lightbox company, is the Canadian market leader in location based information and data quality. For more than 20 years, DMTI Spatial has been providing industry leading location economics and Master Address Management (MAM) solutions to Global 2000 companies and government agencies. DMTI Spatial is the creator of market leading CanMap® mapping solutions, award-winning Location Hub® and maintains the gold standard for GIS location-based data in Canada. DMTI Spatial is headquartered in Richmond Hill, Ontario. Learn more at www.dmtispatial.com

## Technical Support, Error Reporting & Product Enhancement Services

DMTI Spatial is committed to building the best products possible for our customers.  By using our data every day in your mission critical application you are our best source for product refinement.  Please let us know if you have an enhancement request or found an error in any of our products so that we can make the correction for the next release.

This is your opportunity to provide feedback directly to the DMTI Spatial Product Development Team. Please be as specific as possible so that we can improve our products quickly and accurately.  To submit an error or request technical assistance please visit our website at: http://www.dmtispatial.com/

## Contact Information

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# Specifications

For further specific information on the content within your CCS, please reference the Data Dictionary document.  Use our Feature Index to find the layer that your specific feature is located in.

## Properties

| Property | Description |
|---|---|
| Coverage | National |
| Currency | September 2022 |
| Next Available Update | December 2022 |
| Level of Accuracy | Ranging from the GeoBase (CANvec) standard to sub-meter accuracy |
| Projection | All layers are displayed as unprojected Longitude-Latitude |
| Datum | All layers are in the World Geodetic System 1984 (WGS84) |
| Format | ESRI File Geodatabase(GDB) and/or MapInfo Tabular (TAB) or other formats required by RFP |
| Representation | Shorelined cartographic representation |

## Dataset Categories

All layers have been organized into categories.  Categories were developed from the ISO 19115/TC 211 Standard for Geographic Information.  The following table summarizes and defines our Data Categories.

| Category Name | Category Definition |
|---|---|
| AdministrativeBoundaries | Data related to Political, Geographic and other Boundaries and Places |
| AgricultureAndFarming | Data related to the rearing of animals or cultivation of plants |
| Business And Economy | Places where economic activity is a primary feature; Goods and Services providers |
| Community And Culture | Places which serve the community and its culture |
| DeltaLayers | Areas where DMTI has updated its data over the last quarter |
| Elevation | Height above or below sea level and associated data |
| GovernmentAndMilitary | Data pertaining to Government and Military organizations |
| HealthAndEmergencyServices | Human services related to health, justice and emergency services |
| Hydrography | All water and water related features or structures (man-made) |
| IndustryAndResource | Data related to Industrial and Resource extraction activities |
| LandCover | Description and characteristics of the land's surface. |
| PlanningAndDevelopment | Data related to planning and development |

| RecreationAndTourism | Places and sites which are primarily used for recreation or tourism |
|---|---|
| Structures | Data related to any man-made objects including building and non-building structures |
| Transportation | Means and aids for conveying people and / or goods |
| UtilitiesAndCommunication | Data related to and derived from Communication and Technological infrastructure and Public Utilities: electricity, natural gas, water and sewage. |

For information on layers included within each Category, please reference our Feature Index.

## File Naming Standards

For ease of use and to follow international standards, DMTI Spatial follows a file naming standard which includes;

- File names are generally free from spaces, underscores and punctuation
- File names and new words within the file name are Capitalized
- File names are followed by a Provincial or Territorial Abbreviation[1]

Example: PlaceNamePointsON

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[1] See Appendix for Provincial and Territorial Abbreviations

# File Extensions

Refer to the following table for descriptions of ESRI® file extensions.  All file extensions are not available for all DMTI layers.

| File Extension | File Description |
|---|---|
| *.mxd | ArcGIS Project file |
| *.gdb | ArcGIS File Geodatabase |
| *.loc | Part of Spatial locator file |
| *.lox | Part of Spatial locator file |
| *.loc.xml | Part of Spatial locator file |
| *.lyr | Layer Properties |

Refer to the following table for descriptions of MapInfo® file extensions.  All file extensions are not available for all DMTI layers.

| File Extension | File Description |
|---|---|
| *.dat | Attribute Data |
| *.id | Graphic Index |
| *.ind | Attribute Index |
| *.map | Graphic Data |
| *.tab | Tab File |
| *.wor | Workspace |

# Cartographic Representation

Packaged within the CCS's is the custom viewing file for ESRI® ArcGIS® and MapInfo®.

| Software | Extension | Version Support |
|---|---|---|
| ESRI ArcGIS | *.mxd | Version 10.1 or higher |
| MapInfo Professional | *.wor | Version 6.0 or higher |

These viewing files has been provided to maximize the ease of use of DMTI Spatial products by strategically selecting various data layers and displaying them based on appropriate viewing scales.

Layers that are not displayed as part of the project file have been styled and symbolized for better ease of use.  Please refer to the Data Dictionary document for further information on symbolization and cartographic styles for each layer.

## ISO 19115:2003 Compliant Metadata

DMTI Spatial data products contain metadata compliant with the IS0 19115:2003 Standard for Geographic Information.

This product includes structured metadata files as provided in XML and/or HTM format. These metadata files reside with the data files to which they are associated. It is recommended that users review and customize the metadata as per their specific needs.

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# Appendix A: Provincial and Territorial Abbreviations

The provincial/territorial names and abbreviations reflect those in effect on January 1, 2001 with the exception of the name change of the province of Newfoundland and Labrador (previously Newfoundland), which came into effect on December 6, 2001.  Newfoundland and Labrador is recognized by the alpha code NL (formerly NF).

On April 1, 1999 the Northwest Territories was divided into two territories to create Nunavut Territory. On December 18, 2000, Canada Post introduced a new alpha code (NU) for Nunavut.

| Province/Territory (English) | Province/Territory (French) | Abbreviation[2] |
|---|---|---|
| Alberta | Alberta | AB |
| British Columbia | Colombie-Britannique | BC |
| Manitoba | Manitoba | MB |
| New Brunswick | Nouveau-Brunswick | NB |
| Newfoundland and Labrador | Terre-Neuve-et-Labrador | NL |
| Nova Scotia | Nouvelle-Écosse | NS |
| Northwest Territories | Territoires du Nord-Ouest | NT |
| Nunavut | Nunavut | NU |
| Ontario | Ontario | ON |
| Prince Edward Island | Île-du-Prince-Édouard | PE |
| Québec | Québec | QC |
| Saskatchewan | Saskatchewan | SK |
| Yukon | Yukon | YT |

[2] Source: Canada Post Corporation, The Canadian Addressing Guide, October 2002

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