

CanMap[®] Content Suite User Manual

v2024.3

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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/

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Trademarks and Notices

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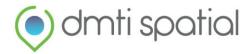
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Postal CodeOM is an official mark of Canada Post Corporation.



Specifications

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

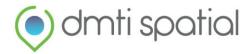
Properties

Property	Description	
Coverage	National	
Currency	Sept 2024	
Next Available Update	Dec 2024	
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	
TOTTIAL	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
AdministrativeBoundaries	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 Abbreviation¹

Example: PlaceNamePointsON

¹ See <u>Appendix</u> 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 <u>Data Dictionary</u> 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 ISO 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.



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	ВС
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