



# CadcCorp SIS<sup>®</sup> - Spatial Information System<sup>®</sup>

## Llistat de formats suportats

### Fins a 150 formats GIS, CAD, gràfics i de base de dades

El software Cadcorp SIS<sup>®</sup> llegeix i/o escriu directament fins un total de 150 (escriu més de 40) formats SIG, CAD, gràfics i de base de dades de manera directa "on-the-fly", sense necessitat de traducció o de fer duplicats. Aquesta característica permet als usuaris:

- Treure'n el màxim profit de l'inversió feta en les dades;
- Possibilitat de barrejar tota mena d'informació i dades;
- Facilitat d'integració de dades antigues;
- Major productivitat al no haver de traduir dades.

LECTURA
<b>Vector</b>
<b>Autodesk</b>
AutoCAD DWG Release 12 to 2006+ (*.dwg)
AutoCAD DXF Release 12 to 2006+ (*.dxf)
Autodesk Drawing Web Format (*.dwf)
<b>Bentley</b>
Bentley MicroStation DGN V7 and V8 (*.dgn)
<b>CadcCorp</b>
OS MasterMap Database (*.odb)
Base Dataset File (*.bds)
SIS Export Dataset (*.sed)
Shared Dataset File (*.sds)
Feature Database (*.fdb)
<b>ESRI</b>
ESRI ArcIMS Feature Service
ESRI ARC/INFO Export (ASCII) (*.e00)
ESRI Personal Geodatabase (*.mdb)
ESRI Shape (*.shp)
<b>Intergraph</b>
Intergraph GeoMedia Access Warehouse (*.mdb)
<b>MapInfo</b>



MapInfo TAB (\*.tab)

MapInfo Interchange format (\*.mif)

### **NASA**

**NASA World Wind global datasets**

### **Open Geospatial Consortium**

OGC Web Feature Service (WFS)

OGC GML 2.1.x, **3.1.1** (\*.gml)

### **Safe Software (FME)**

Feature Manipulation Engine (FME)

FME Feature Store file (\*.ffs)

### **SIA**

**SIA dataMap Export (\*.adp)**

### **Ordnance Survey Great Britain: OS (GB)**

OS (GB) MasterMap Address Layer (\*.gml; \*.gz)

OS (GB) MasterMap Integrated Transport Network Layer (\*.gml; \*.gz)

OS (GB) MasterMap Topographic Layer (\*.gml; \*.gz)

OS (GB) ADDRESS-POINT (10cm resolution) (\*.ntf; \*.csv; \*.ap)

OS (GB) BaseDataGB (\*.ntf)

OS (GB) BoundaryLine 96 - 2000 (\*.ntf)

OS (GB) Code Point (\*.csv)

OS (GB) Common Internal Transfer File - CITF (\*.citif) †

OS (GB) Data-Point (\*.ntf)

OS (GB) Land-Form PROFILE contours 1:10000 (\*.ntf)

OS (GB) Land-Line 1:1250, 1:2500, 1:10000 (\*.ntf)

OS (GB) Meridian (\*.ntf)

OS (GB) OSCAR Asset Manager (\*.ntf)

OS (GB) OSCAR Traffic Manager (\*.ntf)

OS (GB) Post Office Address File (10m resolution) (\*.paf)

OS (GB) Strategi (\*.ntf)

### **Ordnance Survey of Northern Ireland: OSNI**

Ordnance Survey of Northern Ireland (\*.ntf)

### **Ordnance Survey Ireland: OSI**

Ordnance Survey Ireland (\*.ntf)

### **USA National datasets**

NIMA Vector Map Level 0/1

Spatial Data Transfer Standard (SDTS) (\*.ddf)

US Census Bureau TIGER/Line (\*.bw1;\*.rt1)

USGS DLG-3 Optional format (ASCII) (\*.opt)

### **Japanese National datasets**

Japanese GSI (\*.rst)

### **Other**



Accession GIS (\*.mdb)  
AAA-NAS GML (\*.xml)  
Digital Chart of the World  
EuroNav Geographic Exchange format (\*.gxf)  
GDS AIF (\*.aif)  
GDS BIF (\*.bif)  
GDS Things (\*.thf)  
Genasys GenaMap (\*.di)  
GeoRSS (\*.xml)  
GPX (\*.gpx)  
KF-85 (Sweden) (\*.k85)  
MIDAS XML (GB only) (\*.xml)  
MicroGDS File (\*.man)  
NextMap Britain Contours (\*.ntf)  
SICAD (\*.sqd)  
Sysdeco (\*.tfd)  
S57 Catalogue (\*.030; \*.031)  
S57 Chart (\*.000)  
XY/XYZ (\*.xy; \*.xyz)

## Raster

### **ESRI**

ESRI ArcIMS Image Service  
ESRI ArcInfo ASCII Grid (\*.asc)  
ESRI ArcInfo Binary Grid (\*.adf)  
ESRI Band Interleaved By Line (\*.bil)  
ESRI Band Interleaved By Pixel (\*.bip)  
ESRI Band Sequential (\*.bsq)

### **Bentley**

Bentley Geographics HMR (\*.hmr)

### **ERDAS**

Erdas Imagine (\*.img)

### **Earth Resource Mapping**

ER Mapper (\*.alg)  
ER Mapper Enhanced Compression Wavelet (\*.ecw)  
ER Mapper Image Web Server

### **EXIF**

EXchangeable Image Format (\*.jpg; \*.jpeg)

### **Intergraph**

Intergraph Raster Image (\*.rle; \*.cit)

### **LizardTech**

MrSID (\*.sid)

**MapInfo**

MapInfo TAB (\*.tab)

**PCI**

PCI Geomatics Database File (\*.pix)

PCI .aux Labelled (\*.aux \*.raw)

**Open Geospatial Consortium**

OGC Web Coverage Service (WCS)

OGC Web Map Service (WMS)

**Ordnance Survey Great Britain: OS (GB)**

OS (GB) Land-Form PROFILE PLUS (\*.ntf)

OS (GB) Land-Form PANORAMA DTM 1:50000 (\*.ntf)

OS (GB) LIDAR (\*.dat)

**Ordnance Survey Ireland: OSI**

OSI DTM (\*.ntf)

**USA National datasets**

USGS Digital Elevation Model (1 degree) (\*.dem)

USGS Digital Orthophoto Quadrangles (New Style) (\*.doq; \*.nes; \*.nws; \*.ses; \*.sws)

USGS Digital Orthophoto Quadrangles (Old style) (\*.doq; \*.nes; \*.nws; \*.ses; \*.sws)

USGS GTOPO30 (\*.hdr)

USGS Optional ASCII DEM (\*.dem)

USGS SDTS DEM (\*.cadt; \*.ddf)

**Japanese National datasets**

Japanese GSI (\*.mem)

**Other**

Atlantis MFF HKV Raster (\*.hdr)

Atlantis MFF Raster (\*.hdr)

Binary Terrain (\*.bt)

B&amp;W TIFF with anti-aliasing (\*.tif;\*.tiff)

CEOS SAR Image file (\*.img)

Computer Aided Acquisition and Logistics Support (\*.cal)

Digital Terrain Elevation Data (DTED) (\*.dt0; \*.dt1)

ENVI .hdr Labelled (\*.evi)

ENVISAT Image (\*.n1)

EOSAT FAST-L7A (Landsat TM) (\*.fst)

ETOPO2 (ASCII and Binary) ETOPO5 (Binary)

GDAL - Geospatial Data Abstraction Library

Geosoft Grid Exchange Format (\*.gxf)

GIF (\*.gif)

Globe Raster Image (\*.glb)

**Gridded Binary (GRIB) (\*.grb)**

Hierarchical Data Format (HDF) Release 4 (\*.hdf)

JPEG (\*.jpg)

JPEG 2000 (\*.jp2; \*.j2k)

National Imagery Transmission Format (NITF) (\*.ntf; \*.i12)



NextMap Britain DTMs and DSMs (\*.ntf)  
NetCDF (Network Common Data Format) Grid Format (\*.grd)  
NOAA/MAPTECH/NDI/SoftChart BSB (\*.kap; \*.nos)  
PNG (\*.png)  
Raw raster data (\*.raw)  
RLC (\*.rlc)  
Shuttle Radar Topographic Mission (SRTM)  
TerrainBase  
Targa Image File (\*.tga)  
TIFF/GeoTIFF (\*.tif; \*.tiff)  
Windows Bitmap (\*.bmp)  
Windows Metafile  
Worldwide Digital Terrain Data (\*.bin)

## ESCRUIRE

### Documents en els formats

Adobe Portable Document Format (\*.pdf)  
Comma Separated Values (\*.csv)  
HTML (\*.htm)  
Text file (\*.txt)

### Vector

#### **Autodesk**

AutoCAD DWG to release 2000 (\*.dwg)  
AutoCAD DXF to release 2000 (\*.dxf)

#### **Bentley**

Bentley MicroStation DGN v8 (\*.dgn)

#### **Cadcorp**

Base Dataset File (\*.bds)  
SIS Export Dataset (\*.sed)  
Shared Dataset File (\*.sds)

Feature Database (\*.fdb)

#### **ESRI**

ESRI Shape (\*.shp)

#### **EuroNav**

EuroNav Geographic Exchange format (\*.gxf)

#### **Safe Software**

Feature Manipulation Engine (FME) ††  
FME Feature Store file (\*.ffs)

**Google**

Google Earth KML (\*.kmz)

**MapInfo**

MapInfo Interchange (\*.mif)

MapInfo TAB (\*.tab)

**Open Geospatial Consortium**

OGC GML 2.1.2, 3.1.1 (\*.gml)

**Ordnance Survey Great Britain: OS (GB)**

OS (GB) (\*.citf) †

OS (GB) (\*.ntf)

**Other**

GeoRSS (\*.xml)

Scaleable Vector Graphics (\*.svg)

Scaleable Vector Graphics Gzipped (\*.svgz)

VRML

**Raster**

ER Mapper Enhanced Compression Wavelet (\*.ecw)

GIF (\*.gif)

JPEG 2000 (\*.jp2; \*.j2k)

JPEG (\*.jpg)

TIFF/GeoTIFF (\*.tif; \*.tiff)

Windows Bitmap (\*.bmp)

Windows Metafile (\*.wmf)

**DATABASE - SPATIAL DATA STORAGE****Cadcorp**

Cadcorp SIS ASCII BLOB format (Any Database)

**Open Geospatial Consortium Specified Server Formats**

OGC Well-known Binary (WKB) format (Any Database)

OGC Well-known Text (WKT) format (Any Database)

OGC SQL92 (Any Database)

**ESRI**

ESRI ArcSDE (read only)

**Oracle**

Oracle 9i and 10g Spatial/Locator

Oracle 10g GeoRaster (read only)

Oracle 10g Network Model

Oracle Application Server MapViewer (read only)



Oracle 8 Spatial Cartridge

**Refractions Research**

PostGIS

## ENLLAÇ A BASES DE DADES EXTERNES

Any ODBC, DAO or ADO compliant database or file format, including:

Microsoft Access

Microsoft Excel

Microsoft SQL Server

### Direct Database Drivers

Oracle 8i, 9i and 10g

PostgreSQL

### Notes:

† - Cal carregar un component "Plug-in".

†† - Cal comprar el software FME

Els formats introduïts a arrel de la nova versió 6.3 de Cadcorp GeognoSIS.NET™ estan marcats en **vermell**. Tots els formats que fan servir components "plug-in" son compatibles amb la versió actual 6.2 de Cadcorp SIS.

## Per més informació

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- e-mail: [contacte@intermt.com](mailto:contacte@intermt.com)