

New Features

The following is an overview of some of **Didger's** new features.

User Friendly

- Install 32-bit or 64-bit version of **Didger**.
- Updated to a modern Windows look.
- Added the [Text Editor](#), making font properties for individual characters easier.
- Created a [text template library](#), for easily inserting math equations in a text box.
- Full [Unicode](#) integration to allow international fonts and characters in all aspects of the program.
- Copy and paste text directly in the plot window, creating a new [text object](#).
- Zoom [in](#), [out](#), [pan](#), and zoom [realtime](#) with a mouse wheel.
- All drawing tools are now [persistent](#) by default, making it easier than ever to create multiple items at once.
- Set the [symbol](#) line color and fill color separately.
- Use [opacity](#) for all objects.

Image Registration and Processing

- Resize the [Image Registration and Warping](#) dialog to make assigning calibration points easier
- Set the image [calibration marker](#) to any symbol from any TrueType font
- Use the mouse wheel to zoom in, zoom out, and pan the image in the **Image Registration and Warping**
- The [Coordinate System](#) section of the **Image Registration and Warping** dialog has been moved to an easier to use location
- Import images from any [web mapping server](#)

Projections and Coordinate Systems

- Updated all predefined [projections](#) and [coordinate systems](#)
- Use any datum with any [State Plane](#) Coordinate System
- Make datum transformations using Molodensky, NADCON, or Inverse NADCON conversions
- New Projections
 - [New Zealand Map Grid Projection](#)
 - Updated [Hotine Oblique Mercator](#)
 - Updated [Hotine Oblique Mercator 2-Point](#)
- New [Coordinate Systems](#)
 - Albany Grid 1984 (Australia)
 - Albany Grid 1994 (Australia)
 - Australia MGA
 - Australia New South Wales ISG
 - Barrow Island and Onslow Grid 1994

- Broome Grid 1984
- Broome Grid 1994
- Busselton Coastal Grid 1984
- Busselton Coastal Grid 1994
- Carnarvon Grid 1984
- Carnarvon Grid 1994
- Christmas Island Grid 1984
- Christmas Island Grid 1994
- Cocos (Keeling) Islands Grid 1992
- Cocos (Keeling) Islands Grid 1994
- Collie Grid 1994 (Australia)
- Esperance Grid 1984
- Esperance Grid 1994
- European 1950 (Portugal/Spain variant) - UTM Zone 29N
- Exmouth Grid 1984
- Exmouth Grid 1994
- Geraldton Coastal Grid 1984
- Geraldton Coastal Grid 1994
- Goldfields Grid 1984
- Goldfields Grid 1994
- Hungarian National Grid EOVS
- Idaho Transverse Mercator 1927 (IDTM27)
- Idaho Transverse Mercator 1983 (IDTM83)
- Irish National Grid
- Irish Transverse Mercator (ITM)
- Italy Zone 1 Gauss-Boaga (EPSG 3003)
- Italy Zone 2 Gauss-Boaga (EPSG 3004)
- ITRF90 (Bursa-Wolf)
- Japan Plane Rectangular CS IX
- Jurien Coastal Grid 1984
- Jurien Coastal Grid 1994
- Kalbarri Grid 1994
- Karratha Grid 1984
- Karratha Grid 1994
- Kununurra Grid 1984
- Kununurra Grid 1994
- Lancelin Coastal Grid 1984
- Lancelin Coastal Grid 1994
- Margaret River Coastal Grid 1984

- Margaret River Coastal Grid 1994
- Michigan Oblique Mercator 1-point
- Michigan Oblique Mercator 2-point
- Mount Eden Circuit 2000
- Mount Eden Circuit 1949
- New Zealand Map Grid
- New Zealand Transverse Mercator 2000 (NZTM2000)
- Perth Coastal Grid 1984
- Perth Coastal Grid 1994
- Port Hedland Grid 1984
- Port Hedland Grid 1994
- Portuguese National Grid
- POSGAR 94 - Argentina
- POSGAR 98 - Argentina
- Sardinia - Gauss-Boaga
- Sicily - Gauss-Boaga
- State Plane 1983 Kentucky Single Zone
- State Plane 1983 Kentucky Single Zone (Feet)
- SVY21 / Singapore TM
- Sweden - SWEREF99 TM
- SWEREF99 local zones
- SWEREF99 / RT90 emulation zones
- Switzerland - CH1903+LV95
- Switzerland - CH1903 LV03
- Taiwan TWD67 and TWD97
- New Datums
 - CH 1903 - Switzerland (Bursa-Wolf)
 - CH 1903+ - SwitzerlandHungarian Datum 1972
 - GDA94
 - IRENET95
 - ITRF90 (Bursa-Wolf)
 - ITRF94 (WGS84)
 - Japanese Geodetic Datum 2000 JGD2000 (WGS84)
 - New Zealand Geodetic Datum 1949 (Bursa-Wolf)
 - New Zealand Geodetic Datum 2000 (NZGD2000)
 - NWS-84
 - Posiciones Geodesicas Argentinas 1994 (WGS84 base)
 - Posiciones Geodesicas Argentinas 1998 (WGS84 base)
 - Rome 1940 - Italian Peninsula

- Rome 1940 - Sardinia
- Rome 1940 - Sicily
- SVY21 (WGS84 base)pie
- Sweden - SWEREF99

Import and Export Improvements

- Import [Access](#) MDB Database and Access ACCDB 97-2003 Database
- Import and Export [Adobe](#) PDF Raster Files
- Export [Adobe](#) PDF Vector Files
- Import [GeoPDF](#) format in raster PDF files
- Export [GeoPDF](#) format in vector PDF files
- Export [Adobe](#) PDF Raster and Vector Files with compression
- Import Arc/Info [Binary](#) Grid and Arc/Info [ASCII](#) Grid Formats
- Import [AVS](#) X-Image
- Import [Banded Lattice](#) Files
- Import [CPS-3](#) Grid Format
- Improved Import of [DBF](#) Database so that all attributes are imported
- Import ESRI [Float Grid](#) Format
- Import and Export [Excel](#) XLS and XLSX Files
- Import [Excel](#) XLSM Files
- Import [GLOBE](#) DEM Files
- Import [GPS](#) GPX Exchange Format Files
- Import [HDF](#) Hierarchical Data Format
- Import and Export [JPEG-2000](#) Bitmap Files
- Import [Metamorph](#) STK Format Files
- Import and Export [Portable Anymap Bitmap](#) Image Files
- Import [Raw Binary](#) Lattice Files
- Import [RGB](#) SGI Image Files
- Import Nasa [SRTM](#) Elevation Data Files
- Import [SUN](#) Raster Image
- Import [SEG-P1](#) Exchange Format
- Import ZIP and USGS [SDTS](#) topological and [grid](#) files in .TAR.GZ, .TAR, .ZIP, and .TGZ format directly without unzipping.
- Improved [LAS](#) Import so that NULL values are ignored and not imported
- Improved [MIF](#) Import
- Export Comma Separated Variables [CSV](#) Files
- Export [TXT](#) Files
- Export Google Earth [KML and KMZ](#) Files
- Export [SVG](#) Scalable Vector Graphics

- Improved exporting bitmap images so DPI and [image size](#) are independent
- Improved [TIF](#) Export, so that images are exported with compression
- Improved exporting [data files](#) to allow all attributes to be exported
- Export transparency to [GSI file](#) formats.
- Export transparency to [TIF file](#) formats.

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