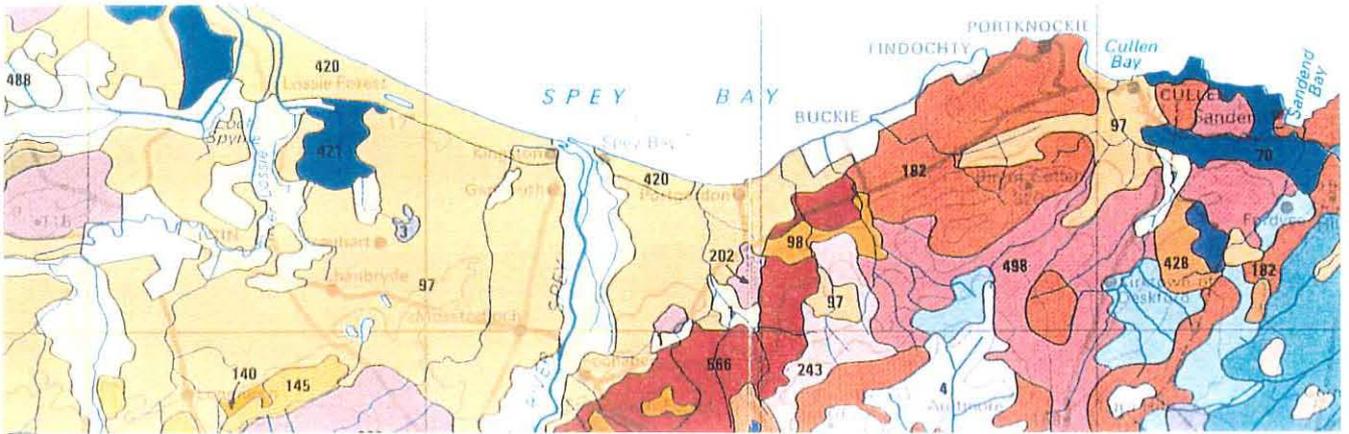


PLOTTER INTERFACES

Plotting is an essential part of any map production or Geographic Information System (GIS). Plots can be used as reference documents for checking the validity of captured data, and for the highest quality map production. Plotter interfaces vary between manufacturers, although there are a number of emerging de-facto standards.



Product description

Laser-Scan supports interfaces to a wide range of plotters and plotting devices. These allow data within the GIS or map production system to be turned into hard copy output.

The design of the plotter and the plotter interface can limit the types of data that can be plotted. For example, vector data (including polygon fill patterns) can be output on a simple pen plotter, and raster data (a scanned background map or a satellite image) can be output on an electrostatic plotter.

The ability to reproduce on paper exactly what can be seen on the screen is an important requirement. Within Laser-Scan software, the same basic mechanism is used to draw on both screen and plotter, ensuring accurate representation and colour reproduction.

An interface to PostScript is provided as standard with all Laser-Scan *METROPOLIS* and *HORIZON* GIS systems and *LAMPS* map production systems. This allows plots to be produced on a wide range of manufacturers' equipment. Interfaces are also available to a wide range of proprietary formats.

The Benefits

- Maximises existing plotter investment
- What you see is what you get – WYSIWYG
- Cartographic quality output is suitable for map production
- Plot production is speedy - most plots are produced without intermediate files
- Full integration with other Laser-Scan software products increases capability

Plotting interfaces

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Requirements

Page definition

PostScript

Pen plotters

Benson (Oce) 1600
Calcomp 906
Calcomp 907

Hewlett Packard HPGL
Xynetics

Electrostatic plotters

Online Benson (Oce)
Offline Benson (Oce)
Calcomp 5800/58000

Precision Image
Versatec COL2V1
Versatec VGS

Laser plotters

Laser-Scan Laserplot

Laser-Scan HRD/Lasertrak

Others

Interfaces to a number of flatbed plotters, workstation screens and screen copy devices are available. Please contact Laser-Scan for details.

Plotter interface options can be used with *LAMPS* version 3.4, *METROPOLIS* version 1.2 and *HORIZON* version 1.2 or higher.

Laser-Scan *LAMPS* map production and *VTRAK* data capture systems are designed for the full range of map production tasks – data capture and input, map manipulation, cartographic enhancement and high quality output.

Laser-Scan Geographic Information System (GIS) products are *METROPOLIS* – designed for applications such as property management, land charges, market analysis and emergency planning, and *HORIZON* – for environmental applications including terrain analysis and telecommunications planning. These products integrate vector and raster mapping with a relational database and provide a full range of analytical tools within a state-of-the-art menu interface. Products may be customised to meet the exact needs of different users.

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