

PipeView™ BandGen

An Arc extension for generating alignment sheets directly from your database

PipeView™ BandGen is a powerful extension that gives operators practical tools for creating, configuring, manipulating, and generating bands for custom alignment sheets.

Overview

BandGen extends the capabilities of ESRI's ArcGIS 9.3 system by adding powerful tools for managing bands, validating sheet content, and placing alignment sheets.

Alignment sheet appearance is easily configured with out-of-the-box tools directly from the familiar ArcMap table of contents.

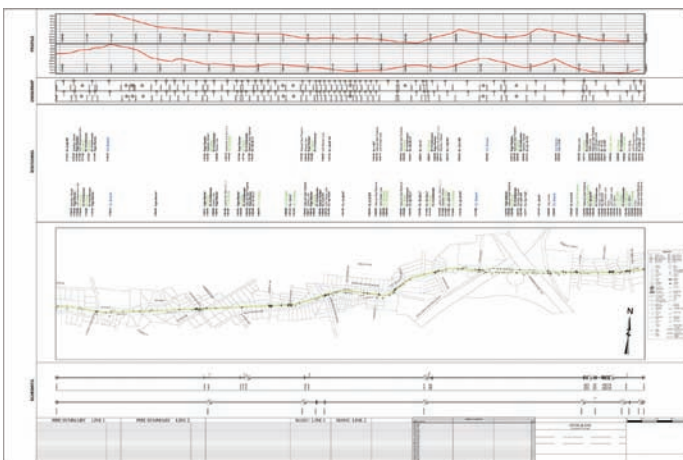
Ad hoc sheets can be created using the current extents of the ArcGIS viewing window and, in the event of an error, source data can be dynamically edited from the band.

Most importantly, BandGen is flexible, works independently of data models, and can support multiple source formats and locations.

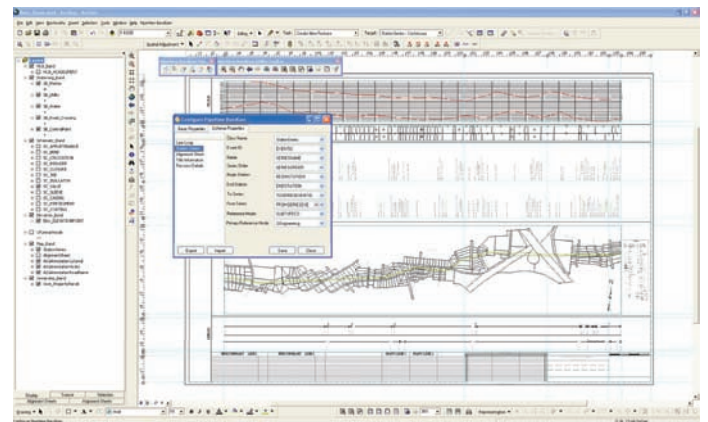
Why choose BandGen?

Configuration, speed, and performance all in one:

- Produce up-to-date alignment sheets efficiently to ensure your engineering team and field crews are working with the most recent information
- Customize sheets for different processes and functions within your organization
- Visually inspect aligned data including in-line inspection results, close interval survey data and more to enhance analysis and decision-making processes
- Improve quality with better data maintenance, quick drawing revisions and distribution with web applications
- Generate alignment sheets individually or automatically in batch mode
- Generate ad hoc sheets for analyzing data



Alignment sheet with profile data

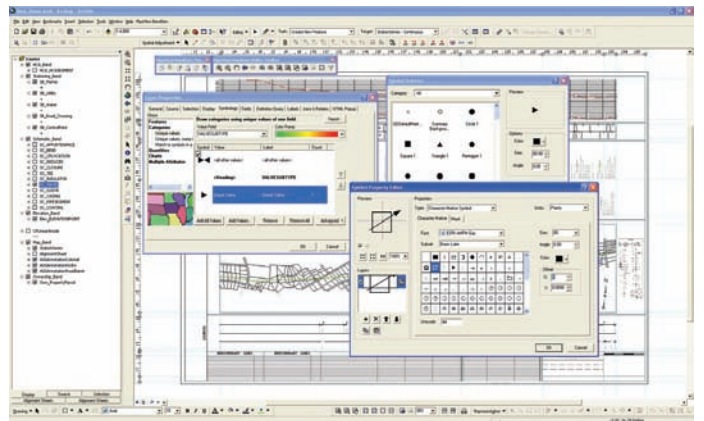
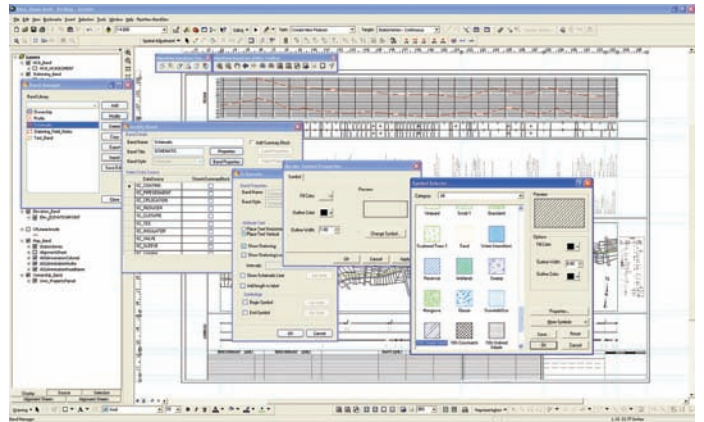


Database configuration



Key Features

- Uses ESRI out-of-the-box functionality for configuring text and symbols
- Reads from all types of ESRI database formats
 - File
 - Enterprise (ArcSDE)
 - Personal (.mdb)
 - Workgroup SDE
- Supports multiple source data
- Uses portable configuration
- Supports disconnected editing mode
- Provides direct data editing from bands
- Provides ad hoc plotting capabilities
- Spatially enabled
- Generates sheets quickly
- Provides batch generation capabilities
- Supports multiple sheet types
- Displays single or multiple lines of data on the same sheet
- Provides automatic white-space management
- Provides version-managed configuration
- Uses ESRI's table of contents and legends
- Supports summary- and title-block auto generation
- Supports Multiple band types, ESRI versioning, definition queries
- Supports hyperlinked images
 - JPEG
 - JPEG2
 - BMP
 - TIFF
 - EMF
 - PNG
 - GIF



Contact

For more information on PipeView BandGen, contact your GE Oil & Gas, PII Pipeline Solutions representative or visit geoilandgas.com/pii

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GE imagination at work