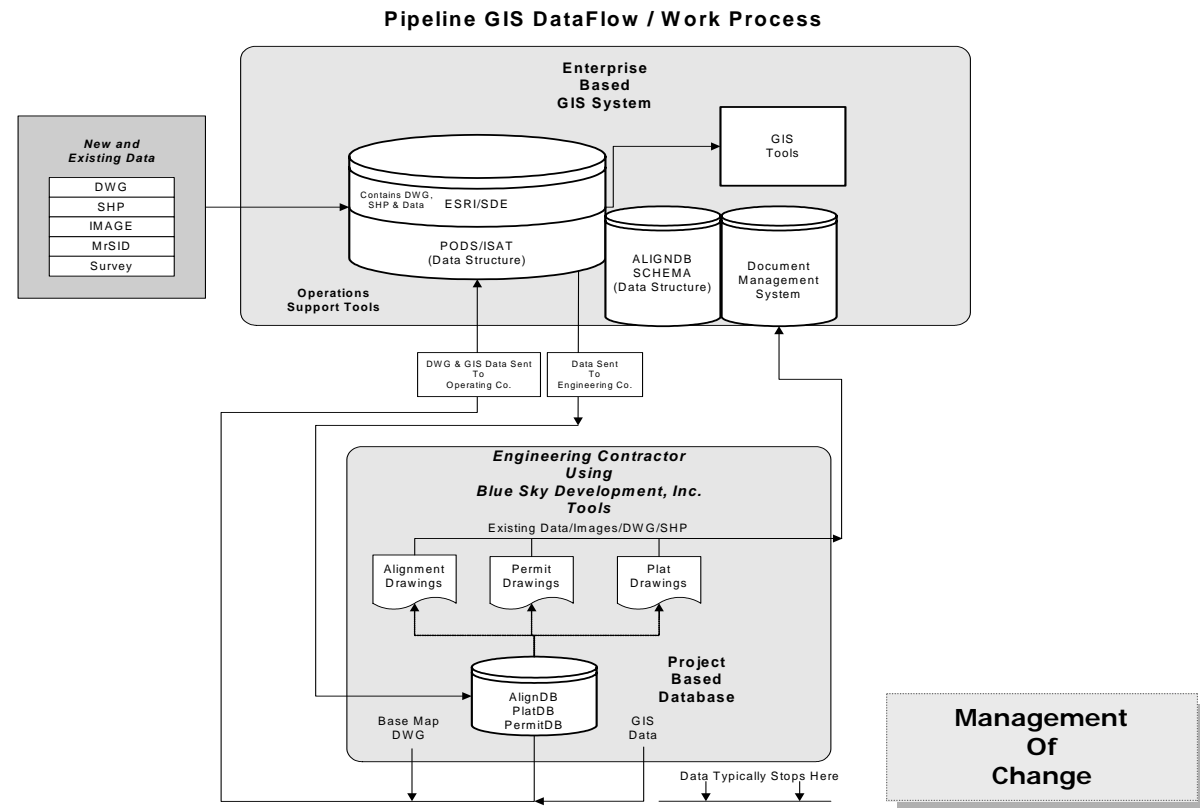


THE ALIGNMENT DATABASE WORKGROUP



SHEET GENERATION

- AlignDB
- PermitDB
- PlatDB
- ProgenDB
- Well-Tie Plat
- AlignDB LT

DATA MANAGEMENT

- AlignDB
- PODS Manager
- ISAT Manager
- DM Loader
- Trimble Import/Export
- Floating Network License

An Innovative Solution for Pipeline Data Management and Automated Sheet Generation

The Alignment Database Workgroup series has been designed to provide the Pipeline, Telecommunication and Civil Engineering industries with an effective foundation to quickly generate sheets using the industry standard CAD/GIS platforms while providing the tools to manage an external GIS database

Benefits

- Manages a **platform independent** database
- Open architecture **maximizes interoperability** with existing business applications and promotes data integrity from "cradle to grave".
- Generates **Industry Standard CAD/GIS files**
- Easy to use **GUI reduces deployment costs** and provides flexibility to meet the needs of both projects and clients
- Utilizes **common industry workflows** which translates to a **shorter learning curve**

Alignment Database System Requirements

Processor:
Intel Pentium 500mhz ; 2GHz or higher recommended

Operating System:
Windows 2000 or Windows XP

Software:
AutoCAD release 2000i - 2005, or MicroStation V8.1 - V2004 or ArcGIS V8.2, V8.3, V9.0

Memory:
256MB RAM; 512MB recommended

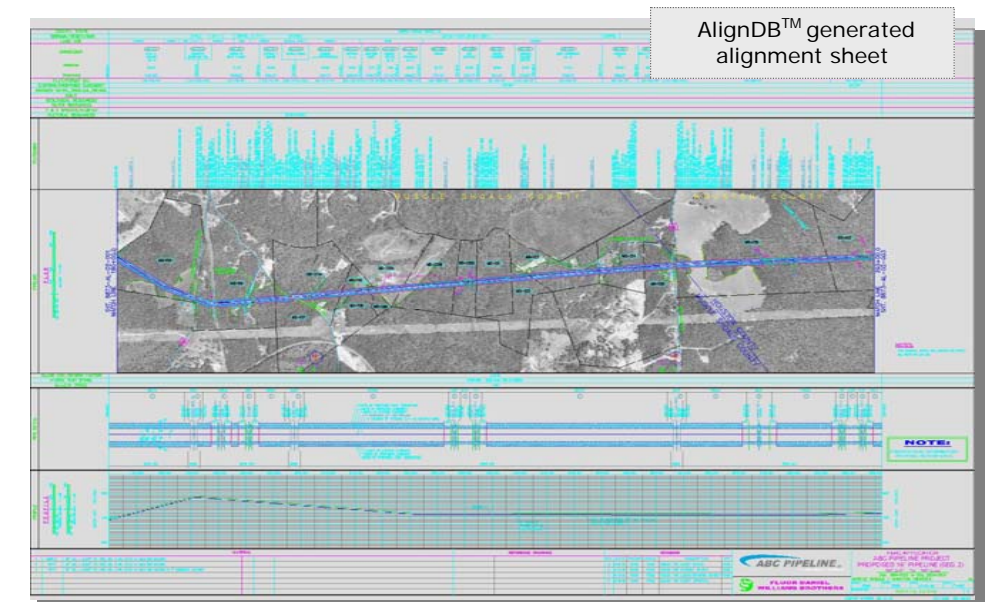
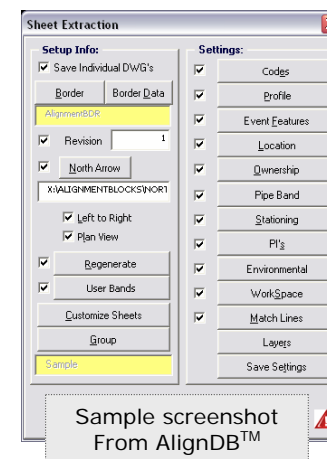
Disk Space:
40MB disk space for typical application installation; 200MB recommended for project installation

Call Today For More Information

Blue Sky Development, Inc. is a premier software developer of CAD/GIS data migration and integration applications for AutoCAD, MicroStation and ArcGIS devoted exclusively to automating the generation of CAD and GIS deliverables for the Pipeline, Telecommunications and Civil Engineering Industries, while creating a portable cross-platform database. By providing an automated solution available on AutoCAD, MicroStation or ArcGIS, the Blue Sky technology has reduced the cost of the engineering document deliverable, while also eliminating the costly and time consuming process of reacquiring or repurchasing the data necessary for compliance to current government regulations. Founded in 1998, BSDI provides automated mapping software for CAD and GIS users around the world.

Visit us on the web for more information about Blue Sky Development, Inc. solutions. www.blueskydev.com

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The Alignment Database Workgroup Series At-A-Glance

Sheet Generation

The sheet generation tools have been designed to provide the Pipeline, Telecommunication and Civil Engineering industries with an effective foundation to quickly generate the various sheets required as deliverables using the industry standard CAD/ GIS platforms while maintaining an external GIS database. The Blue Sky applications also allow the integration of various data sources containing spatial and non-spatial information under a single projection across multiple platforms. The Blue Sky tools enable the user to access these data sources and translate the spatial data into platform independent information. The applications run within each CAD/ GIS platform's extensibility model, thus taking advantage of the native capabilities of the platform to manage multiple sources and projections.

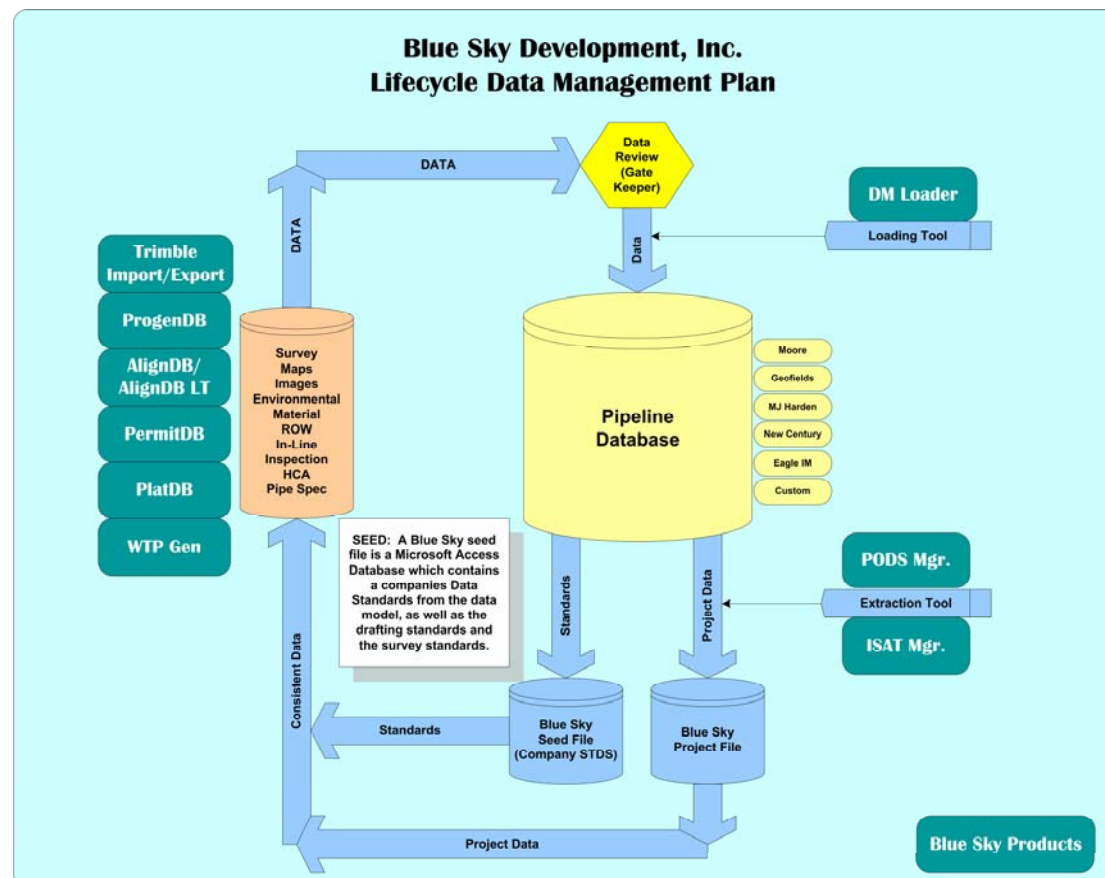
Data Management

The data management tools within the Alignment Database Workgroup have been designed to allow the management of data throughout the lifecycle of a project from initial inception through the decommissioning stage. One of the primary goals of the different tools are to allow the user to easily move data throughout the enterprise, its engineers, its surveyors and other contracting companies in an open portable format to maximize utilization and availability of the data. To achieve this goal, Blue Sky Development has created tools for extraction of data from the data models, loading of data to the data models, managing data from the data models, as well as multiple tools for creating the various sheets based on the type of data and the various department's requirements. These departments include: New Construction, Right of Way, Preliminary Engineering, Construction & As-Built, Operations & Maintenance, Pipeline Integrity and many others.

Benefits

By managing a platform independent database to store the captured information, the Blue Sky Tools allow seamless interchange of the data between the three platforms of the product. As a result the Blue Sky applications provide unparalleled speed, accuracy and flexibility. Some of the features of this approach are:

- Speed - Automated Sheet creation from data or from CAD/ GIS files
- Accuracy - Shared common database with entire Alignment Database Workgroup Series
- Flexibility - maintains a platform independent database to store the captured information, thus allowing seamless interchange of the databases between the three versions of the product



The Alignment Database Workgroup Series - Product List

AlignDB™ - Alignment Sheet Generation

AlignDB has been designed to provide the data management tools to create an effective foundation to quickly generate alignment sheets using the industry standard CAD/ GIS platforms while creating an external GIS database

PermitDB™ - Permit Sheet Generation

PermitDB utilizes a common Project Data Warehouse with AlignDB and PlatDB to automate the creation of Permit drawing deliverables necessary for most Pipeline or Fiber Optic construction projects

PlatDB™ - Property Plat Sheet Generation

The ownership information created in any of the applications in the Alignment Database Workgroup is utilized to generate the property descriptions within the Plat drawing

AlignDB LT™—Alignment Sheet Generation without the DM Tools of AlignDB

The AlignDB LT application is a tool used to automate the creation of Alignment Sheets without the data management tools provided with the full AlignDB product

ProgenDB™—Extended Profile Generation Tool

The ProgenDB application is a tool used to enhance the Profile Generation abilities of the AlignDB product allowing the user to generate multiple profile surfaces with annotation

WTPGen—Well Tie Plat Sheet Generation

WTPGen™ has been designed to provide the Pipeline industry with an effective foundation to quickly generate Well-Tie Plat sheets using the industry standard CAD/ GIS platforms while creating an external GIS database. The WTPGen application is a tool used to automate the creation of Well Tie Plats from a survey ASCII file.

PODS Manager - PODS Extraction Tool

The PODS Manager is a tool that allows the extraction of project information from a PODS database for distribution and Alignment Sheet Generation. This process is part of the data management flow chart BSDI introduced to the pipeline industry

DM Loader—Data Model Loading Tool

The Data Model Loader is a tool that loads project information from a Blue Sky database into line/route based data model. This process is part of the data management flow chart BSDI introduced to the pipeline industry.

ISAT Manager—ISAT Extraction Tool

The ISAT Manager is a tool that allows the extraction of project information from an ISAT database for distribution and Alignment Sheet Generation. This process is part of the data management flow chart BSDI introduced to the pipeline industry.

Floating Network License

The Floating Network License (FNL) allows the sharing of the seats of a product license among offices located at different sites/cities. The offices must be connected through some kind of Wide Area Network (WAN), however, they do not need to be on the same subnet or use a VPN connection. Communication is carried over TCP/IP.

Trimble Import/Export Tool

The Trimble Import/Export tool is the first of a series of GPS Data Logger Dictionary exchange utilities. The product allows the exporting of the Codes in an AlignDB database into a formatted text (ASCII) file suitable to generate a Data Dictionary File (DDF) using Pathfinder Office Dictionary Editor. Conversely, the tool can process the same formatted text file exported by the Dictionary Editor from a DDF, to populate the appropriate tables of an AlignDB database with the imported Codes, Attributes and Menu Items.

