



MIRA V4.X Software Features



Applications:

- Reporting on time keeping on Marine Seismic Projects
- Production details tracking and reporting and Line Log generation
- HSE statistics tracking and reporting
- Survey cost tracking and analysis.
- Weather condition monitoring and reporting
- Post-mission single-source reference database and archive.

Key Features:

- Runs as full 32 bit application on Windows 2000, XP, Vista, Win7 (32&64)
- Text based reports generated to the multi-platform RTF format.
- Each database contains a separate project that can include one or more surveys or survey types. E.g. 2D, 3D, variable shotpoint spacing, different permit areas.
- Import/Export facility allows a duplicate database to be kept in a remote location, such as the exploration company office, with regular updates sent as email attachments, keeping the survey operator fully informed on survey operations and potential data quality issues.
- Provides a range of standard and customized report formats.
- The full project database is encapsulated in a single Microsoft Access database file.
- Fully flexible input of user-defined, survey-specific action and cause codes.
- User-selectable Sail Line Km, Square Km and CMP Km calculation methods.
- Event-based daily logging with up to 12 user-definable entry fields in each of the line, seismic and navigation data forms.
- HSE statistics logging with statistics exported to a standard RTF report.
- Individual Line QA logs for seismic and navigation data topics.
- Weather detail logging at four hour intervals with drop-down Beaufort scale choices and 'copy last' data entry aids.
- Automatic graph and pie chart generation [Microsoft Excel required] including:
 - Production Details
 - Cause./Reason Analysis
 - Pre-plot versus Production
 - Contractor Related incident Analysis
 - Weather Analysis including Rose plots and production versus weather plots.
 - Time and Charge Analysis
 - Activity Analysis
- Automated backup and backup scheduling, with up to four levels of backup saves.
- Automated tracking of Sailed Km, CDP/CMP Km, Square Km, Full-fold CDP/CMP Km and Full-fold Square Km.
- Ability to edit multiple shotpoint ranges from production totals.
- Tracking of navigation and seismic data field tape numbers.
- Reporting of Line Status and Field Tape inventories.
- Automated generation of field report header page.
- Context sensitive help and online User's Manual.

Minimum Recommended System Requirements:

PC:1 GHz Pentium desktop or notebook computer running Windows 2000/XP/Win7, with 40Gb HDD, 1 GB RAM, CDROM, suitable data exchange/transfer medium and sufficient disk storage for project data. Internet access required for daily reporting and database updates to shore side client.