

PARS - E&P Application Integration



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1 INTERFACING WITH APPLICATIONS


The power of PARS archiving lies in its ability to interface with the leading E&P applications used by exploration specialists around the world today. PARS enables data managers to archive complete projects whilst being vendor neutral, providing a central point to manage all archives. The archiving process for all applications is consistent and therefore easy to use.

Common to all the integrated applications is the automatic collection of metadata to describe the project. The stored archive metadata enables quick search & restore of projects many years into the future.

2 METADATA COLLECTION

PARS automatically collects metadata from all integrated applications. In many cases this is captured in HTML metadata pages associated with the archive. Where appropriate the HTML metadata can include thumbnails of seismic images, detailed 2D & 3D survey information,

well & borehole information, along with spatial coordinates where available. This information can be used to identify archives prior to a restore. The contents of the HTML pages are dependant on data stored within the application.



PARS™
Metadata for Project
JIMS2D3D

List HTML Index

Archive date 2010_Dec_08

Project Information
Project Summary

2D
Surveys & Lines Detailed
Surveys & Lines Summary
2D Survey List

3D
3D Survey List
Surveys & Horizons

CDA Project Information
CDA Logfile
OpenWorks: JIMS2D3D
SeisWorks: JIMS2D3D_All2D
SeisWorks: JIMS2D3D_npr3

OpenWorks Project Data
Boreholes
Grids
Log Curve
Well Deviation Survey
Well Picks
Wells

This image can be replaced by a customer or corporate logo 75 x 94

2D Surveys and Lines

Survey Name	Line Name	Created By	Create Date	Data Source	Seismic Data Set Name	File Name
NPR-3	A	DEMO	21-AUG-2007	LGC	mig000001	A_g00000101.2v2_glb_mi
		DEMO	21-AUG-2007	LGC	phase90	S_TEAPOTDOME_1001.2v2_glb
	E	DEMO	21-AUG-2007	LGC	mig000001	E_g00000101.2v2_glb_mi
		DEMO	21-AUG-2007	LGC	phase90	S_TEAPOTDOME_1401.2v2_glb



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3 APPLICATION SPECIFIC FEATURES

The following summarises the latest applications to be interfaced with PARS. In many cases we work directly with the vendor's own SDKs to locate the project and capture

the metadata. All applications support both Archive for long term storage and Backups for Disaster Recovery (DR).

Landmark R5000

Key features:

- Archive and Backup of Interpretation, OpenWorks, and/or Survey projects.
- Select multiple projects and assign both common and independent metadata.
- Support for CDA metadata where appropriate.
- PARS HTML metadata pages generated with detailed project information.

Petrel Ocean

Key features:

- Extensive metadata capture from Petrel projects utilising the Ocean API.
- Ability to archive shared seismic data, not previously possible.
- PARS connects directly to Petrel projects on Windows.
- Detailed HTML metadata capture including well & borehole information.

Petrosys

Key features:

- Archive and backup of Petrosys projects.
- Detailed HTML metadata capture including references to the source applications such as Petrel or IHS Kingdom.
- Capture of Petrosys reports as HTML metadata.

Petra

Key features:

- Archive and backup of Petra projects.
- Browse for Petra projects or automatically detect the location of projects.
- Creation of HTML metadata pages.

Epos 4

Key features:

- Archive and backup of Epos4 projects.
- Project List extracted from the PNS database.
- Integration with Paradigm native utilities.
- Collection of detailed metadata and creation of HTML metadata pages.

IHS Kingdom

Key features:

- Archive & Backup of IHS Kingdom projects.
- Support for all IHS database types.
- Integrates with Kingdom Data Manager (KDM) for enhanced Automatic metadata.

SeisSpace

Key features:

- Integration with Landmark's SeisSpace to archive ProMax data.
- Collection of detailed metadata.



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4 UPDATED APPLICATIONS

GeoFrame 4.5

Key features:

- The GeoFrame integration has been updated to support the latest version 4.5 as part of our regular maintenance cycle of application methods.
- Intelligent use of the backup cycle to ensure full backups are given priority when required.
- Support for backup windows to ensure backups do not interfere with the working day.
- GeoFrame versions 3 & 4 are still supported.

5 OTHER INTEGRATED APPLICATIONS

The following details some of our existing applications that are supported by PARS today.

Application	Description
Simple and Complex File System structures	Used for a user browsing file systems
SEGY lines	Archiving SEGY with QC control against corporate standards
VIP	Reservoir Simulation
Stratimagic	Stratigraphic interpretation package.
RMS	Reservoir Modelling
HR Strata	Seismic Inversion package
Jason	Modelling
Petra	DBS, GIS, Interpretation package
Dataman	Geo-Statistical Data preparation and Processing.
ArcGIS	Integrated collection of GIS software
Finder	Corporate Databank
GoCad	Mapping and Interpretation
Eclipse	Reservoir Simulation
HR GeoView	Well Log viewing

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