

PARS Version 3.8



OVERVIEW

Version 3.8 represents a major redevelopment of the PARS system. All administration functionality is now accessible via the web interface, removing the need for a separate desktop console. Another significant enhancement is the addition of search and indexing functionality. Indexing enables fast searching of metadata fields and file attributes across all archives regardless of application.

KEY BENEFITS

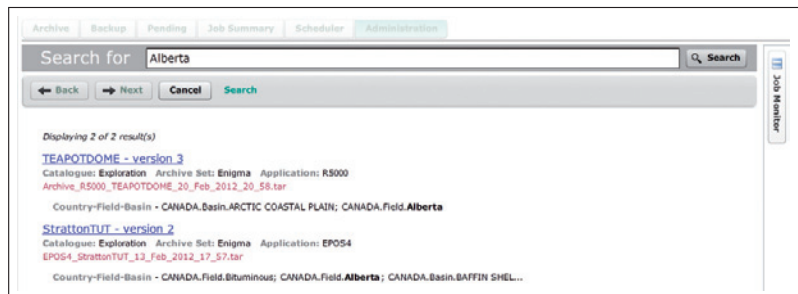
- Search Enabled – fast searching of archives and metadata.
- File Content Indexing – text content of projects indexed.
- All administration in the web interface.
- Archive Retention – supporting data retention regulations.
- Housekeeping – Archive statistics.
- Additional Metadata Types – html, checkbox, number.
- Super User Privileges – combined server and module administration.
- Improvements to many application integration methods.
- New 'Re-Archive' button added.

SEARCH AND INDEXING

During the archive process metadata fields and optionally file content is indexed. This information is stored within the PARS database to enable fast searching across all of your PARS managed projects. This functionality supports existing archives which can be indexed as part of a housekeeping process.

INDEXED DATA INCLUDES:

- Application specific metadata such as: version, survey, fields, basins.
- PARS Standard metadata: project name, archiver, comments.
- HTML Metadata: details of wells, horizons, boreholes.
- File Content Indexing: contents of text based files within the archive.



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ENHANCED INTERFACE

The PARS web interface has been extended to support full administration functionality, removing the standalone desktop console. System housekeeping features have been added to assist with the management of archives & indexing functionality.

The screenshot displays the PARS Administration web interface. At the top, there are navigation tabs: Archive, Backup, Pending, Job Summary, Scheduler, and Administration (which is active). Below the tabs is a 'Housekeeping' section with a refresh icon. On the left, there is a sidebar menu with categories: PARS Administration, PARS Configuration, Destinations, Applications, Global Rules, and Lookups. The 'Housekeeping' section is expanded, showing 'Archive Statistics' with a table of counts and a pie chart. The 'Indexing' section has checkboxes for 'Enabled' (checked) and 'Content Indexing Enabled'. Below that is the 'Index Existing Archives' section with a table of progress bars and checkboxes. At the bottom, there are 'Index Now', 'Pause', and 'Stop' buttons. The footer includes '© Enigma Data, 2012' and the INTERICA logo.

Category	Count
Total Archives	91
OK Archives	77
Archives with Warnings	9
Archives with Errors	5
Archives Interrupted or Aborted	0

Category	Progress
Archive and Metadata	91/91
File Attributes	91/91
File Content	0/91
Stale / Error Records	6

ARCHIVE RETENTION

Due to increasing regulatory requirements E&P data may need to be kept for prolonged periods of time. An example of these retention requirements is life of field + 7 years or even in perpetuity. PARS now supports setting retention periods on archives to ensure they cannot be deleted prior to a pre-defined term. The retention criteria can be set as a site standard or defined by the administrator.

ADDITIONAL METADATA FIELD TYPES

New logical field types have been added to enhance metadata collection:

- HTML Link – Dedicated metadata type for handling HTML file links
- Checkbox – Checkbox replaces Yes/No style drop down fields
- Number – single combined field to replace float and integer data types

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