



Hiportfolio Technical Consultancy Services

DBFS are the leaders in the provision of Hiportfolio related solutions with more than 10 years experience successfully delivering more than 200 Hiportfolio related projects.

DBFS bring the following value to our Hiportfolio Clients:

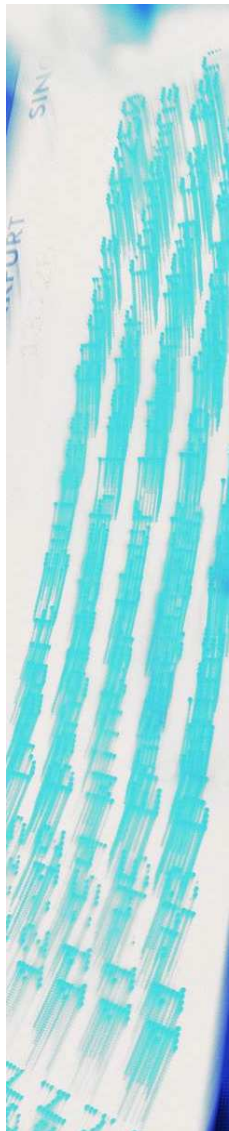
- Expertise and specialist toolsets
- Supplying scarce skill-sets
- Blend of technical and business competencies
- Solutions and Roadmaps for common Hiportfolio issues
- Project Organisation and Management Methodologies
- Unique approach to common Hiportfolio Projects

EXPERTISE
SCARCE SKILL-SETS
TECHNICAL & BUSINESS COMPETENCIES
SOLUTIONS AND ROADMAPS
PROJECT ORGANISATION
UNIQUE APPROACH

DBFS Technical and Business Road-Maps

DBFS have developed a series of road-maps to allow our clients to benefit from our best of breed experience when consulting or delivering common Hiportfolio related Technical projects.

- **'How to' Performance Tune Hiportfolio Software**
Program-level and database-level, c-Tree performance tuning.
- **'How to' Load Balance across Hiportfolio**
UNIX files system tuning. Load balancing and impact analysis on performance. UNIX file system and kernel parameter tuning. Hardware specification and disk layout consultancy.
- **'How to' Install Hiportfolio**
Installation project lines for Hiportfolio for Unix or NT. Set-up of environments for Hiportfolio, ACU and CTree installations.
- **'How to 'Install Host Based' Hiportfolio**
Configuration and installation for making use of the host-based Hiportfolio version. Useful for automation of Hiportfolio tasks via Expect scripting.
- **'How to' access ISAM/c-tree data**
Extraction of data that cannot be extracted via traditional Hiportfolio extraction methods such as IDX exports or RG's. and spool files.
- **'How to' manage your Hiportfolio Environment efficiently**
Business process consultancy and Hiportfolio environment reviews and recommendations. Ways of optimising data by utilising improved fund structures. Potential gains in operational efficiency by looking at environment management, patch management etc.
- **'How to' implement and optimise BCP and DR processes for Hiportfolio.**
Review of existing backup strategy and consultancy on optimum backup strategy for your environment.





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Hiportfolio Technical Solutions

DBFS are familiar with many of the common Technical issues and requirements of associated with Investment Operations, in particular Hiportfolio clients and have developed a product suite to assist in addressing these needs:

- Data Extractor**
 The DBFS data extractor can be used to extract data directly from any Hiportfolio/2 or HiPortfolio/3 data files. Useful tool for clients migrating from Hiportfolio needing to extract all their data into a CSV or another format or for loading data into a warehouse system. Allows for legacy access to data for query purposes once a client has migrated off of Hiportfolio, removing the need for an on-going Hiport licence. Also useful for report writing, providing data retrieval from files quicker and without the skills needed for Hiport RG's.
- Scripting Data Silo – Upgrade Manager**
 DBFS have designed a data repository containing the Expect scripts for a particular Hiportfolio screen across multiple versions (eg HiPortfolio/2 5v2, Hiportfolio/3 3v4/3v5...). This solution allows Clients to access different script libraries depending on the version of Hiportfolio being run, significantly reducing time-lines associated with Upgrades and Migrations around testing, deployment, upgrades and can be used for top-level impact analysis during estimating phases.
 The existing code can be amended / replaced to call the database with the version of the script for a particular screen and therefore is also extremely useful for patches or minor upgrades as a developer changing (say an Expect) code for the screen can do so independently of other developers, removing 'core scripting approach' issues.
- SLAVE API Interface**
 DBFS have developed a 'easy-to-use' front end to call Slave API's. This is useful for clients making use of the Slave API as they can use the Interface to enter a number of associated parameters required for the Slave API and the interface will do the required conversion and the base 64 encoding in order to communicate with the Slave API. This Interface can also be used for 'mass dumping' console jobs and submission of new console jobs. DBFS are currently developing a 'windows based front-end' for setting up console jobs.
- DBFS Console 'Detective'**
 Used to monitor the Hiportfolio console to determine if certain console jobs that run reports have completed and their state. The Detective assists Hiportfolio clients who have a reliance on the Hiportfolio console and may require certain actions taken in terms of dependencies on reports finishing or for allowing clients to have alerts raised if a console based report does not complete or completes unsuccessfully
- Hiportfolio Configuration Management**
 DBFS are in the process of developing a configuration management solution to provide impact analysis drill-down and control issues such as data delivery mechanisms, patch management through to test analysis and back-up management.
- Hiportfolio Performance Monitor / Optimiser**
 DBFS Consulting Services help optimise a client's installation with the use of a new tool being developed by DBFS. The tool not only allows clients to benchmark performance of their installations but allows ongoing day to day monitoring of performance and allows users to tweak configuration from a user friendly GUI.
- STP Process Monitoring**
 A framework which combines a number of toolsets and modules enabling the centralised monitoring of transactions as they move between the various applications comprising an organisations STP process. Includes transaction/process monitoring, event alerting, information requesting and resubmission functionality.
- Remote Hiportfolio Report Production**
 A solution which enables a remote (web-based) user to request specific reports from Hiportfolio (and other systems) without the need for a direct Hiportfolio account or login. Allows sophisticated rules-driven data enrichment, modification and reformatting. Enhances data delivery mechanisms, delivering the reports via email in XML, CSV or XLS formats

About DBFS

By offering an unrivalled blend of consultancy and Hiport related solutions, DBFS work with our clients to solve business and technical issues and provide a more cost effective approach to common projects.

Services range from full Hiport Project Management through to the provision of Hiportfolio Consultants and Business Analysts, Technical Consultants, Developers and Testers.

Please contact DBFS for more information or to arrange for one of our Hiport managers to come in to discuss particular issues.

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