

Petris' Focus Gives You a Better Assessment of What You Know

Petris has a wealth of experience providing companies with specialized data management services and innovative software solutions. Our consultants have a unique and complementary blend of skills in the domains of database design and development, data management, application support, programming, and product development/project management.

A Petris Data Management Audit provides a focused analysis of your company's data management environment, including:

"As-Is" Analysis

- ▶ Current Databases, Media, Data Sources & Usage
 - Provider (Vendor, Service Company)
 - Media (Electronic files, data bases, paper)
 - Information lifecycle position
 - ◇ Primary,
 - ◇ Interpretations,
 - ◇ Integrated Models,
 - ◇ Decision-making collections
 - Data lifecycle position
 - ◇ Acquisition
 - ◇ Quality Assurance
 - ◇ Usage
 - ◇ Decommissioning
 - ◇ Archive
- ▶ Current workflow procedures for data management
- ▶ Current Levels of documentation for all aspects of data management
- ▶ Current data naming standards and conventions
- ▶ Identification of data management operational barriers and issues

Business Impact

- ▶ Shorter time to money
- ▶ Better decisions, higher confidence, higher success ratios
- ▶ Protection of company intellectual assets
- ▶ Higher performance

"To Be" Definition

- ▶ Definition of ideal conditions and associated benefits
- ▶ Recommendations for improvement
- ▶ Definition and scoping of data management initiatives
- ▶ Definition of project plan and implementation

Each Data Management Audit is generally performed to encompass structured and unstructured data types, and can be extended to include other aspects of the business as required – for example, interaction with systems such as SAP.

The project deliverable is a comprehensive report of the company's technical data management environment, with a summary PowerPoint slide set and a facilitated summary meeting. These items deliver a clear set of recommendations and a plan for improvement.

Houston, TX
+1 713-956-2165
+1 877-9PETRIS

Toulouse, France
+33 581 330 020

London, UK
+44 20 8202 2433

www.petris.com

Standards and Procedures Development

Effective maintenance of a data management environment requires documented standards and procedures. Working collaboratively with key staff, Petris can add value to the business objectives of the organization by identifying key processes and workflows where standards would be useful.

Database Audit and Reconciliation

Because standards are not always uniformly applied, many databases are often inconsistently populated and contain data of variable quality. The resulting lowered confidence in the data can affect important technical decisions. Reconciling these databases requires dedicated resources with appropriate domain-relevant experience in resolving these complex issues.

Petris has developed methodologies for database audits and cleanups. Using these methodologies, corporate and project databases are rapidly queried and analyzed. Our approach results in considerable time and cost savings compared to traditional methods of producing database audit reports.

Each project is individually scoped according to the client's requirements, and can incorporate corporate and/ or project databases for structured and GIS-based data.

Goals and Benefits

- ▶ Shorter product cycle time
- ▶ Improved data confidence
- ▶ Lower risk of data loss
- ▶ Protection of data assets
- ▶ Elimination of low-value activities

Tools and Techniques

Petris has developed a broad range of applications and expertise to ensure the successful implementation of data management audits and projects.

An integral part of data administration lies in understanding the flow among the various applications and databases as well as the workflows used by the individuals working with the data. Without this understanding, it is not possible to determine where process breakdown, where inefficiencies exist, where the corruption of data values may occur, or especially how they can impact asset-related decisions. The PetrisWINDS Enterprise solution provides the opportunity to re-engineer work processes.

Features

- ▶ Data inventory
- ▶ Data migration and cleanup (eliminating duplicate activities)
- ▶ Authoritative source creation
- ▶ Publishing results

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