ESP-Dorado
Enterprise Storage Pundit

Valuable Assets

Every IT organization understands the value and cost associated with their applications and related data. Their business depends on the day-in and day-out smooth and uninterrupted operations. But for many of us who have grown up in the industry, time and change has eroded our ability to maintain, enhance, outsource or port those assets. Management and remaining staff struggle with the issues of: "What do we have?", "Where is it?", and "How can I access it?"
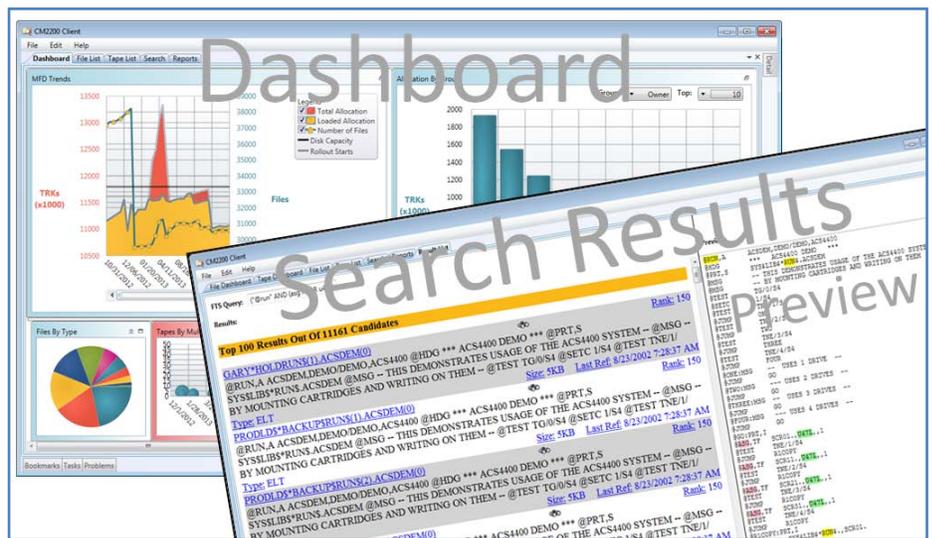
Where do you start?

If your department is lucky enough, the staff that grew up with your systems may still be somewhat intact. Existing IT documents might identify data center procedures and provide for some form of change control. But in fact you may need Unisys OS2200 platform on-the-job training, hours of online drilling into mountains of disk and tape media, and overtime for each task/project request. However, is that enough to offset the: loss of key personnel, hiring or reassignment of staff, or facilitate a completely new organization as the result of a merger or acquisition?

ESP-Dorado to the Rescue!

Enterprise Storage Pundit (ESP-Dorado) was designed to serve today's needs with a single/organized view of your OS2200 "Corporate Assets". It supports all levels of your IT organization by providing multiple tools for usage analysis, discovery, and content access within your Unisys 2200 platform on both physical and virtual media. Content is at your fingertips through either its dashboard/list drill-down function or search assistant alternative. All of this without the knowledge of a multitude of OS2200 utility programs (i.e. @MFD, @FAS, @STAR, @TOCED, @FILEDIT, @FLIST, @PRT, @ED, etc.). So it doesn't matter if your knowledge worker is a forgetful "Grey Hair", new hire, or merger appointed CTO. All can improve productivity through ESP-Dorado features.

Aside from daily maintenance duties, ESP-Dorado can also assist in preparing for tomorrow's projects like satisfying an SOA initiative, implementing new technology, or assisting a new team during acquisition.

Top-Down or Bottom-Up Tools for CTOs, Managers, and Programmers

What are the Tools?

ESP-Dorado components include an agent operating under OS2200, Collector Services on a Windows Server maintaining a SQL Server Repository, and Windows-based Client Program.

How Does It Work?

The role of each component as shown in the overview diagram is as follows:
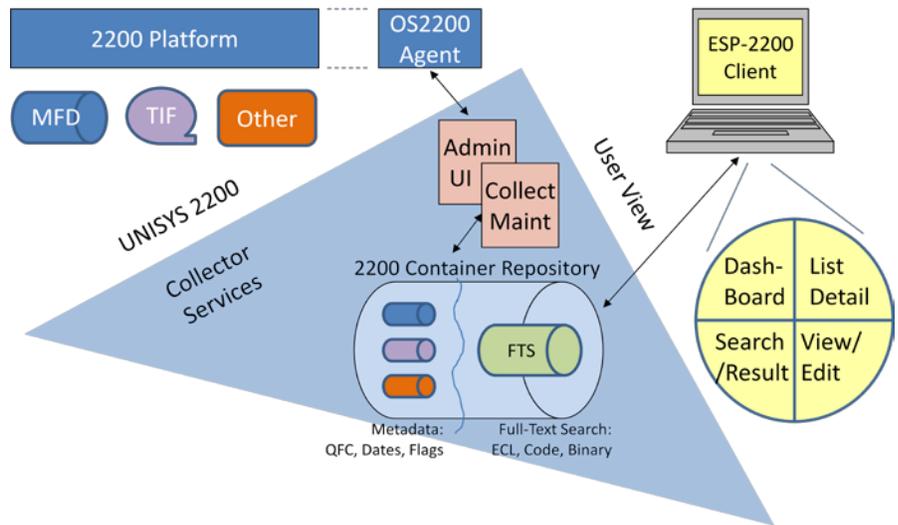
Security

Before anything, security is in the forefront of all ESP-Dorado functionality. The 2200 Agent can forward metadata and content as encrypted or clear text. The Collector Services operate as a third-tier (DMZ) proxy for the primary source. It connects via a certified signature and uses SQL Server security. Clients operate under the same authentication and authorization levels as native OS2200 security.

OS2200 Agent

The agent operates as an OS2200 disk and tape activity monitor. Each OS2200 partition hosts its own uniquely identified agent. Any disk/tape activity is captured and forwarded to the Repository Server for near-time maintenance processing.

Collector Services

The main job of the Collector Service is to harvest and maintain a record of 2200 host assets. Joint processing with the 2200 Agent provides an organized version of the original OS2200 information. Additional services provide administrative controls and Client access rights as funneled through to native 2200 security system.

ESP-Dorado Overview Diagram

ESP-Dorado Client

The ESP-Dorado user experience provides a top-down or bottom-up suite of tools. The toolset is friendly to both experienced staff or management and staff unfamiliar with the Unisys 2200 platform. Top-level dashboard items depict narrative and graphical summary of your disk and tape media. Drill-down features access detail lists of grouped files, elements, backup history, tape content, etc. Alternatively, users can access these assets through familiar search engine queries. Either path leads to intelligent display and/or edit of intellectual property. While text is displayed in a Client window, edit of native OS2200 source code is passed through to Unisys OS2200 IDE for Eclipse. Management tools provide for task creation and tracking with screen capture augmentation. The bookmark feature provides for quick retrieval of previously discovered assets.

What To Do Next?

ESP-Dorado is a unique tool for understanding and browsing of your OS2200 storage resources. Unlike many of the current utilities, ESP-Dorado combines resource monitoring, discovery, and content access all in one tool for every member of your OS2200 IT organization.

Our knowledgeable sales team can answer any question you might have and even schedule a remote demonstration of ESP-Dorado functions and features.

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"Working without ESP-Dorado is like solving a puzzle without a picture."