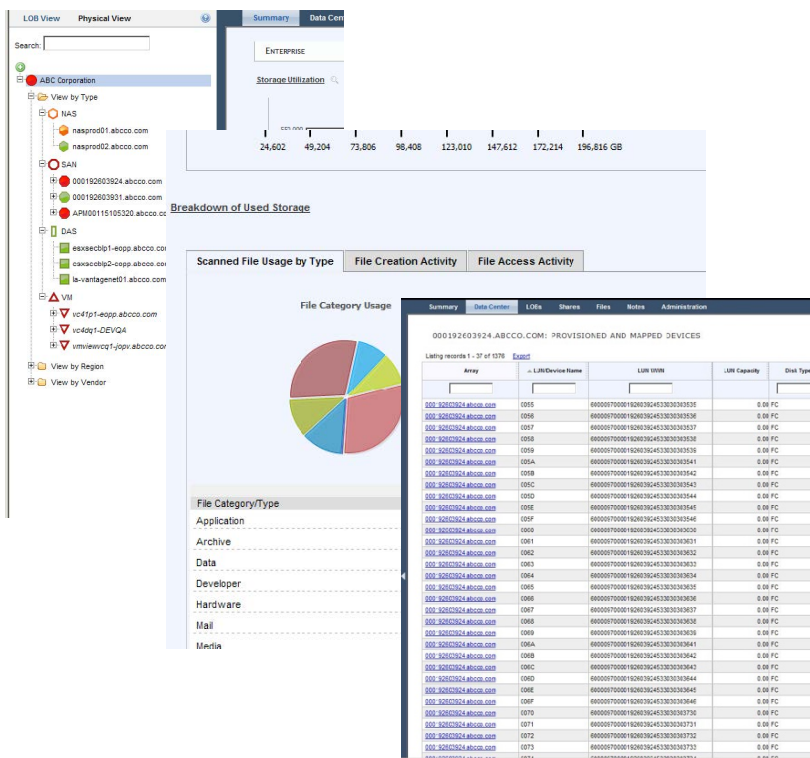The Arxview Data Center Analytics Engine (DCAE)

Storage Reporting and Analytics Solution

The Arxscan Approach

Arxscan has developed a software solution to meet the needs of the modern data center. We are creating a new way of looking at data storage that can only come from the ability to reveal the many ways it is necessary to view and understand an increasingly complex technical environment.

First, there is the physical hardware and how all those parts connect and communicate. Layered over that, many times there is a virtual fabric of groupings and relationships that need to be mapped back to the physical layer. Then there is the reason all of it exists in the first place; the data, who it belongs to, what dependencies on what part of the physical and virtual environment it is stored on and how it relates back to the departments and functions of the business it is serving.

Using the Arxscan solution to drill from the top of the enterprise down to the disk, LUN or file level.

More and more it is becoming difficult to separate these different components of the New Data Center. For example, when there is a performance issue with a particular storage cabinet, is it a capacity issue with the cabinet itself or is it one or more of the switches that are tied into it? How many virtual appliances rely on that physical storage? Are there any critical applications running on any of it? Trying to fix an issue as common as a physical hardware bottle neck very quickly becomes very complex…unless you have complete visibility into the environment.

Having the knowledge to examine and correct a scenario like that one, or many of the other tasks like planning, migrations, performance monitoring or just keeping the data center running efficiently, requires a solution that shows all of the relationships between physical, virtual and the data itself.

Arxscan has answered the call for a solution that shows these relationships and provides the hierarchies and associations between the physical, virtual and data layers for all types and major brands of storage and switching in a single, very affordable package that scales from one or two storage arrays all the way up to the largest and most complicated of environments.

The Arxview Data Center Analytics Engine (DCAE)

Breaking from the Past

Many of the solutions designed to provide information needed to run a data center effectively have been designed for very specific types of equipment or have treated the reporting as secondary to providing supplementary management console functionality. Arxscan has approached the needs of the data center in a different way. Our philosophy is that broad, deep visibility across the entire environment is the critical first step to every facet of running any data center. With that in mind, our solution captures hundreds of capacity, performance and utilization metrics and shows the relationships between:
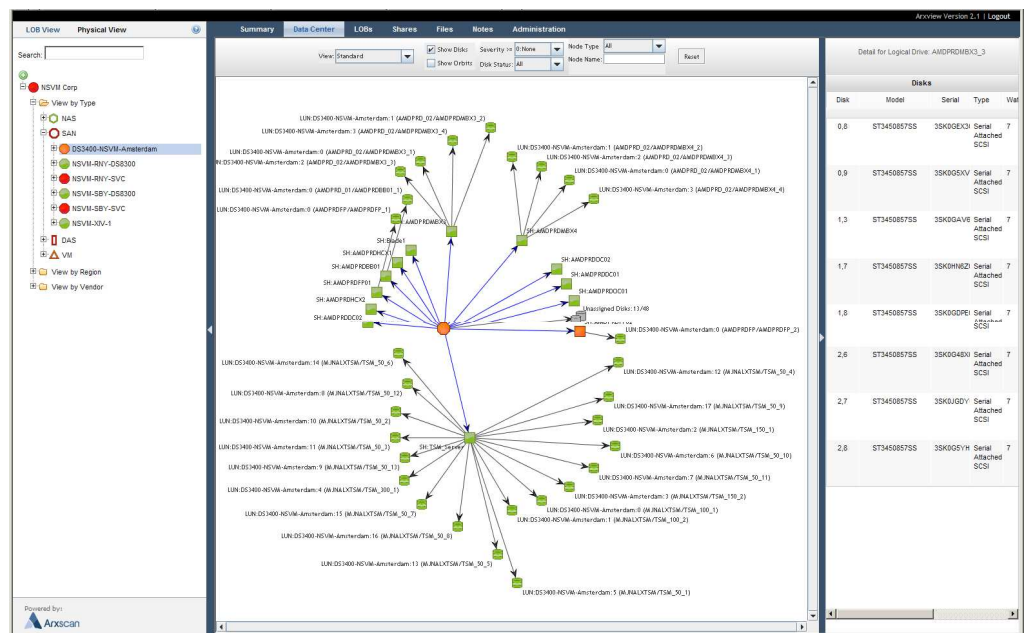
- All physical SAN, NAS, DAS and switching equipment from enterprise down to disk, LUN and file level

- All virtual storage overlays and their physical environment dependencies

- Oracle, MS SQL and Sybase database sizing, capacity, location and storage usage

- Line of Business, Cloud Client or any other logical structures that depend on the environment

- Performance Monitoring, Cost Chargebacks, Power Utilization, Asset Aging and many other insightful data

Today is the Future

Knowing what the data center needs to run effectively is only part of the answer. Creating a way that can deliver that solution in a quick and cost-effective way is all part of a complete picture. Arxscan has created a method of remote delivery and set up that gets our software up and running within a couple of hours. This keeps our costs down and we pass those savings along to our customers in the form of a very cost-friendly, fully scalable product.

Please visit us today at Arxscan,com and fill out our contact form, or give us a call at (800) 480-9054 to find out what the future of your data center looks like. Our staff is available to answer any questions you have, set up a demonstration or schedule a 30 day free trial of our solution to let you experience firsthand the power of what we offer.

Let's get started.

A Topology View from the Arxscan Solution