

5 Capacity Planning Challenges *Visual Storage Intelligence®* Solves for IT Directors & Architects



We Get It.

IT Directors and their infrastructure teams have a lot on their plates. Tasks like capacity planning sound nice but often bring their own challenges.

Visual Storage Intelligence® was created specifically to solve problems like these. Do any of the following sound familiar? If so, we can help.



"We can't see all our data in just one place."
Challenge 1



"Our plans change too often."
Challenge 2



"We face too many surprises."
Challenge 3



"We don't have enough time."
Challenge 4



"We need to cut costs and improve ROI."
Challenge 5

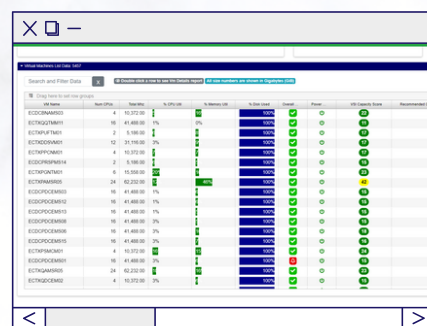
Challenge 1: "We can't see all our data in just one place."

Enterprise data is expected to grow **23x larger** by 2030 (Gartner), and that data is increasingly spread across multi-vendor cloud, compute, on-prem, and edge architectures. **It's more important than ever for organizations to have clear lines of sight to all their data** - otherwise tasks like capacity planning will be impossible.

With Visual Storage Intelligence®, you can:

✓ Access your entire infrastructure on a single pane of glass.

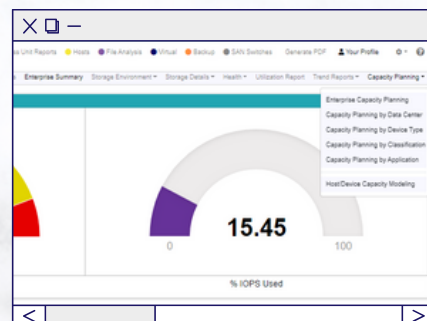
Stop relying on endless spreadsheets to piece your data together. We combine your cloud, VMware, and storage data all on one screen so you can do analysis that matters.



Storage Environment	Storage Type	Capacity	Used	Free	Health	Alerts	Actions
EC2-PROD	Amazon S3	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon EBS	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon EMR	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon ElastiCache	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon Redshift	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon Athena	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon EMRFS	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon S3 Glacier	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon S3 Outposts	10.0 TB	5.0 TB	5.0 TB	OK	0	View
EC2-PROD	Amazon S3 Select	10.0 TB	5.0 TB	5.0 TB	OK	0	View

✓ Monitor every level of your devices.

Do capacity planning by data centers, device types, devices, pools, LUNs, data stores, VMs, clusters, and even file shares. With multiple levels of analysis, from big-picture to granular, you'll find the details that other teams miss.



\$100 million. That's how much one company saved in unplanned purchases by doing capacity planning at the pool level - uncovering storage growth they would have missed by looking at the device level.

Challenge 2: "Our plans change too often."

*Rapid data growth & ever-changing business initiatives make it hard to plan ahead with any accuracy. **Simple spreadsheet models just won't cut it.** Fortunately, Visual Storage Intelligence® embraces variability & harnesses it to better forecast your environment.*

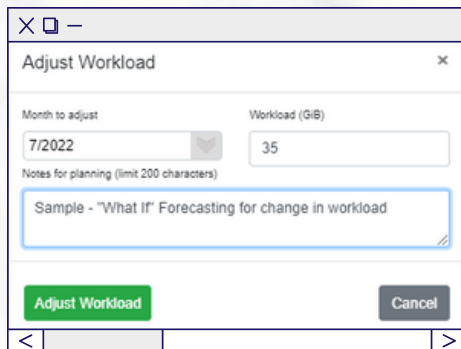
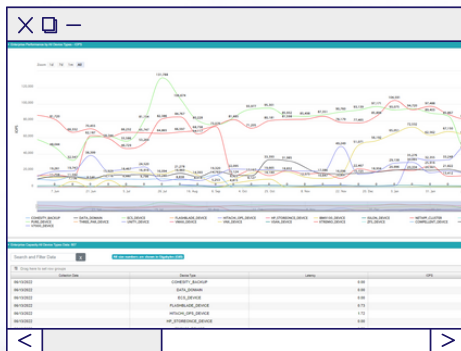
With Visual Storage Intelligence®, you can:

✓ Choose the model that fits you best.

Forecast future growth using data from the past 6-12 months, with options to weight the data towards certain months or hold it constant across the whole timeframe..

✓ Leverage responsive "What-If" forecasting.

Account for potential workload and capacity changes by testing their expected impact. Use these forecasting models to help justify budgeting requests.



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*"We used to be responsible for data collection **and** analysis...Now Visual Storage Intelligence® manages most things for us, cutting our monthly capacity reporting time in half."*

- Capacity Planner | Fortune 500 Bank

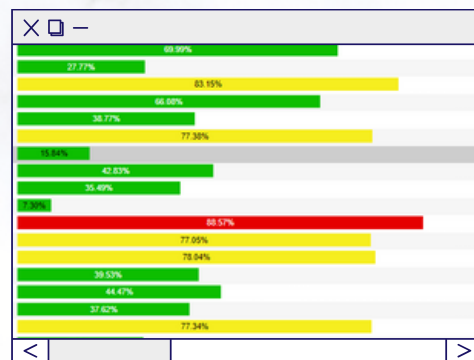
Challenge 3: "We face too many surprises."

A recent IDC forecast states **"data creation and replication will grow at a faster rate than installed storage capacity."** In this kind of environment, capacity surprises feel inevitable and can lead to slowdowns or even outages. Visual Storage Intelligence® is here to change that.

With Visual Storage Intelligence®, you can:

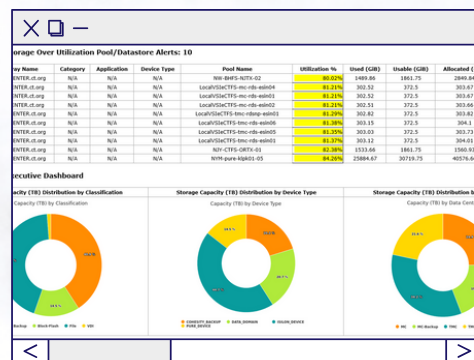
✓ **Fix problems before they start.**

We send alerts before problems like overutilization or overallocation occur, giving you plenty of time to take action. See how many days remain until clusters / devices run out of resources, spot performance errors, avoid read-only events & outages, and more.



✓ **Identify risks straight from your inbox.**

Our virtual assistant performs automated risk discovery so you can spend time on things that matter. Our weekly efficiency reports emails you details about changes in your environment such as capacity alerts, utilization trend models, and performance & configuration errors.



98% Ticket Reduction. That's what this company experienced in just one year of using Visual Storage Intelligence® to monitor capacity utilization, reducing 15,000 yearly user storage requests to less than 100.

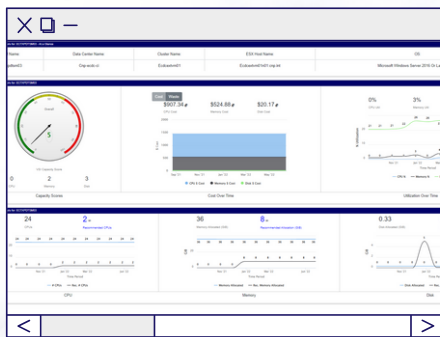
Challenge 4: "We don't have enough time."

*By 2025, 70% of IT storage engineers will expand their job responsibilities from managing storage to providing global data services (Gartner). With so many job responsibilities, capacity planning usually gets shuffled among staff to accomplish when - or if - they can. **But we change all that.***

With Visual Storage Intelligence[®], you can:

✓ Run automatic reporting.

Save dozens of hours each month and stop building manual spreadsheets. We instantly report trends, models, and forecasts for all your cloud, virtual, and storage devices. Get what you need when you need it.



✓ Try As-a-Service capacity consulting.

Our Capacity Planning as a Service (CPaaS) does the heavy lifting for you, providing analysis, deliverable reports and recommendations for workload placement, purchases, cloud migration & more.

A screenshot of the Visual Storage Intelligence table view. It displays a detailed table with columns for 'Device ID', 'Device Name', 'Capacity', 'Usage', 'Growth Rate', 'Forecast', 'Recommendation', and 'Status'. The table contains multiple rows of data, with some cells highlighted in green or red to indicate status. The bottom of the table has a navigation bar with arrows for navigation.

50 Percent. That's how much time this company saved by replacing their capacity planning spreadsheets with Visual Storage Intelligence[®]. "We saved an entire FTE - plus significant cost savings."

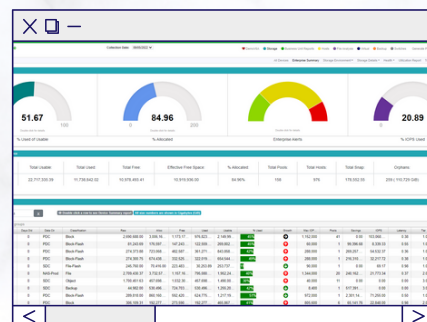
Challenge 5: "I need to cut costs and improve ROI."

Over 68% of IT managers cite cost as their biggest data storage pain point. Teams need to spend time on initiatives that help **control costs and improve efficiency**. Fortunately, capacity planning with Visual Storage Intelligence® achieves both goals.

With Visual Storage Intelligence®, you can:

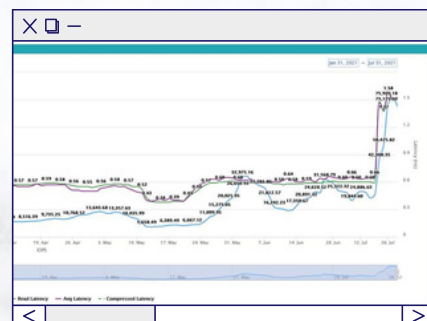
✓ Optimize SLAs and cloud / storage subscriptions.

Like other consumption-based storage models, cloud costs typically exceed their budgeted amount by 2-3x (Gartner). We help you optimize workload placement, compare prices on other platforms, and anticipate utilization so you can negotiate the best SLAs.



✓ Predict your expenses and avoid last-minute spending.

Plan your budgets with confidence using our capacity planning tools to forecast your storage usage and identify needed upgrades long before you run out of capacity.



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*"The capacity management capabilities of Visual Storage Intelligence® were exceptional and enabled customers to **substantially reduce storage infrastructure costs** by accurately pre-planning growth requirements."*

- EMA Radar for Storage Intelligence

Try *Capacity Planning as a Service* | Analysis & Consulting

With or without a Visual Storage Intelligence® subscription, take advantage of Capacity Planning as a Service consulting.

- Personal expert analyst
- Monthly calls
- Quarterly reports
- Purchasing recommendations
- Workload placement recommendations
- Capacity & performance historical trends and forecasting models
- Predict the impact of hypothetical workload & provisioning changes
- Data migration cost-savings analysis and preparation
- Right-size cloud capacities & contracts
- Prepare for mergers & acquisitions



Want to see a sample report? Our quarterly deliverables are comprehensive and can be repurposed by teams as executive-level internal reports. Download a sample report by [clicking here](#).

We're Here to Help

See for yourself - **try us for free** in your own environment.

Our free trial gives enterprise storage teams a chance to see their entire infrastructure through the lens of Visual Storage Intelligence's® extensive reporting, analysis, and monitoring. [Get started today.](#)



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