

GET/SAVE MORE

with liquidware™

Tap into the Liquidware Get More, Save More program to get a number of Cost Savings Analysis reports that can show you how to save thousands of dollars while optimizing and getting more from your digital workspace investments.

Rightsizing

Organizations can run the risk of either under- or over provisioning resources (CPU, RAM) when migrating to a new virtual workspace or cloud environment, which rely on shared infrastructure. Oversizing leads to wasted expense and capacity – as much as 50 to 100 percent of your overall project cost. Under-sizing leads to lost productivity or can prompt hasty upgrades without due regard to cost.

But what if you could plan workspace resource capacity with pinpoint accuracy to precisely match expense to your performance SLAs?

Although exact costs will vary per organization, Stratusphere™ UX's metric data – when used for right sizing, can save customers as much as \$250,000 or more per evaluation. This solution provides detailed metrics that support realistic capacity planning, accurate SLA targets and correct infrastructure and workspace design.

Get a FREE Cost Savings Analysis for precise workspace resource capacity planning.

- Use Stratusphere UX to capture actual resource utilization (CPU, RAM) to identify over- and under-resourced workspaces.
- Calculate the optimal workspace (instance) sizing based on actual resource consumption data, adjusted for user experience metrics.
- Apply the unique Process Optimization feature to adjust recommendations on sizing for undersized workspaces.
- Validate sizing adjustments through POC.
- Engage in a POC to confirm impact of Process Optimization on hardware lifecycle extension potential.

Rightsizing - Cloud

14 All 11 Oversized 1 Undersized

Sizing	Instance count	Avg. CPU %	Avg. RAM %
normal	2	6.10	35.10
oversized	11	3.15	24.94
undersized	1	19.00	66.20

Instance	Instances	Cores	Memory (Gb)	Instance_type	sizing	Current cost	recommended instance	New cost	Monthly savings/machine	Monthly savings	Annual savings	Est. Discount	Est annual savings
D16as v5	1	16	64	balanced	oversized	343	D8ads v5	206	137	137	3,644	10%	\$ 3,480
D16ds v5	3	16	64	balanced	oversized	451	D8ds v5	226	225	675	8,100	10%	\$ 7,290
D16s v5	4	16	64	balanced	oversized	384	D8s v5	192	192	768	9,216	10%	\$ 8,294
D4s v3	1	4	16	balanced	undersized	121	D8s v3	243	-122	-122	-1,464	10%	\$ (1,318)
D8s v5	1	8	32	balanced	oversized	192	D4s v5	96	96	96	1,152	10%	\$ 1,037
F32s v2	1	32	64	CPU	oversized	668	F16s v2	334	334	334	4,008	10%	\$ 3,607
NV12s v3	1	12	112	GPU	oversized	610	NV12s v3	610	0	0	0	10%	\$ -
Total savings													\$ 20,390

Note:

With the exception of the graphic instance type (NV12s v3), we recommend changing all oversized instances to one size lower in their respective series.

No change recommended for the NV12s v3 because of unknown graphic requirements.

We expect Optimizer to improve performance of the undersized instance to acceptable user experience level. However, it is not guaranteed, so we assumed worse case scenario and added the cost to increase by one size in its respective level.

Costs are calculated based on 1 year reserve model and estimated discount of 10%.

POC annual savings	20,390
Average savings/machine	1,456
Total machines :	3,000
Total Savings	4.37M

Customer Savings Example

A healthcare organization had an environment of 23,000 users working on physical and Azure cloud workspaces. The organization wanted to examine its Azure cloud workspace environment for user density as they were not satisfied that they were getting sufficient value for their investment. A Rightsizing Analysis performed with Stratusphere UX revealed the following recommendations:

- Activate Process Optimization within Stratusphere UX
- Adjust the Azure instance types to match actual usage requirements.

A POC was conducted for two weeks with the recommendations implemented at the halfway point. Upon conclusion of the POC, the findings included the following improvements:

- User density increase by over 40%
- CPU, Disk and Memory usage down
- Overall improvement in user experience
- \$4.37M in forecasted CAPEX savings over the next 12 months.

Now It's Your Time to Save More While Getting More.

Are you interested in getting a FREE Cost Savings Analysis to learn how you can potentially save thousands, while boosting your environment's performance? Contact us today and set up a meeting. There is no obligation, and we can deliver the results of our evaluation to you in as little as one week!

Get More Info and Sign up at: <https://info.liquidware.com/Rightsizing>

Learn More at:
www.liquidware.com