

# Vityl Capacity Management IT Capacity Planning Software

Capacity planning made easy with unparalleled accuracy and actionable results

## Create Capacity Plans

Capacity planning makes the difference between an efficient IT department and a chaotic one. And it helps IT support the business. Luckily, it's never been easier to create an accurate IT capacity plan. All you need to do is plug in projected growth details using the walk-through wizard, even planning for platform changes or cloud migration.

## Evaluate Risk Predictions and Act on Advice

If one of your systems is at risk of running out of capacity, you need to know about it. With a Vityl Capacity Management capacity plan, you'll get automatic predictions of your capacity needs—and potential risks.

It doesn't stop at predicting at-risk systems, either. You'll also get automated advice on steps you can take to mitigate that risk, like adding capacity to the system in question.

## Easily Evaluate Hardware Changes

Guided workflows allow you quickly test how a workload will perform on a different type of physical or virtual system or in the cloud. Determine your capacity needs and evaluate whether the changes will be the best, most efficient option before you make them.

## Be the Hero

Your business is counting on you. And with Vityl Capacity Management, your IT team can be the hero and deliver results that support the business as it moves forward.



# Risk Prediction

You'll get a timeline that includes your predicted growth and any potential risks at a glance. The color on the screen indicates when you'll have a performance problem. If you see all green, you know you don't have anything to worry about. If you see yellow or red, then you'll know when you need to take action.

Vityl Capacity Management Plans Configuration

## Internet Sales 2 Year Plan

[+ Add Event](#) [More](#)

### Timeline

- Q1 2018  
Baseline
- Q2 2018  
Organic Growth
- Q3 2018  
Organic Growth
- Q4 2018  
Organic Growth
- Q1 2019  
Organic Growth
- Q2 2019  
Organic Growth
- Q3 2019  
Organic Growth  
Merger
- Q4 2019  
Organic Growth  
Promotional Activity
- Q1 2020  
Organic Growth  
Web Tier CPU Upgrade  
Database Disk Upgrade

### Results

Last Run: 2017-12-21 14:43:47

System	Risk Projection	Date of Risk	Details
CLW11		Q2 2019	<a href="#">Show Details</a>
clsol11		Q3 2019	<a href="#">Show Details</a>
ENGCLW16X64		Q4 2019	<a href="#">Show Details</a>

# Automated Advice

You won't be on your own to solve the problem, either. You'll get actionable advice based on your predicted risk.



## Internet Sales 2 Year Plan

+ Add Event

More ▾

### Timeline



### Results

Last Run: 2017-12-21 14:43:47

System	Risk Projection	Date of Risk	Details
CLW11		Q2 2019	<a href="#">Hide Details</a>

Risk Advice Response CPU IO

The following workloads have a capacity issue. All workloads not in this list have satisfactory performance.

Status	Workload	Advice
	Subsystems	<p>The Risk value for this workload is 92 in Q3 2019. This indicates a critical performance problem for this workload. This workload spends most of its time in CPU related activities. In particular, CPU service plus CPU queue wait accounts for 93% of the response time for a transaction.</p> <p>The single largest component is CPU queue wait which accounts for 90% of the response time for a transaction. To improve response time, consider reducing the amount of CPU time used by this workload or increasing the amount of CPU capacity for the system:</p> <ol style="list-style-type: none"> <li>1) Move other workloads off this system</li> <li>2) Revise this workload to use less CPU time</li> <li>3) Get more CPUs</li> <li>4) Get faster CPUs</li> </ol>
	SYSTEM Account	<p>The Risk value for this workload is 98 in Q3 2019. This indicates a critical performance problem for this workload. This workload spends most of its time in CPU related activities. In particular, CPU service plus CPU queue wait accounts for 100% of the response time for a transaction.</p> <p>The single largest component is CPU queue wait which accounts for 98% of the response time for a transaction. To improve response time, consider reducing the amount of CPU time used by this workload or increasing the amount of CPU capacity for the system:</p> <ol style="list-style-type: none"> <li>1) Move other workloads off this system</li> <li>2) Revise this workload to use less CPU time</li> <li>3) Get more CPUs</li> <li>4) Get faster CPUs</li> </ol>
		<p>The Risk value for this workload is 99 in Q3 2019. This indicates a critical performance problem for this workload. This workload spends most of its time in CPU related activities. In particular, CPU service plus CPU queue wait accounts for 100% of the response time for a transaction.</p>

# Response Time Predictions

You'll also gain insight into your potential response times for your systems based on the growth scenario. That means you'll know which of your systems will be slowed down when demand spikes.



## Internet Sales 2 Year Plan

+ Add Event

More ▾

### Timeline

- Q1 2018  
Baseline
- Q2 2018  
Organic Growth
- Q3 2018  
Organic Growth
- Q4 2018  
Organic Growth
- Q1 2019  
Organic Growth
- Q2 2019  
Organic Growth
- Q3 2019  
Organic Growth  
Merger
- Q4 2019  
Organic Growth  
Promotional Activity
- Q1 2020  
Organic Growth  
Web Tier CPU Upgrade  
Database Disk Upgrade

### Results

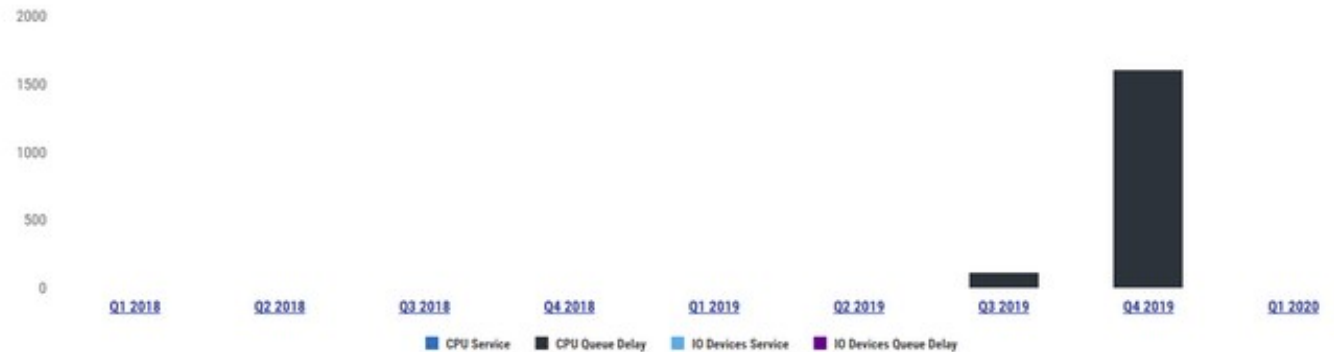
Last Run: 2017-12-21 14:43:47

System	Risk Projection	Date of Risk	Details
CLW11		Q2 2019	<a href="#">Hide Details</a>

Risk Advice Response CPU IO

### Response Time Breakdown by Workload

#### User Accounts



#### SYSTEM Account



## Easy Modifications

No plan is set in stone. With IT capacity planning software, it's easy to make modifications and see how those changes impact your predictions.

The screenshot displays the Vityl Capacity Management interface. The main view is titled "Internet Sales 2 Year Plan" and shows a "Timeline" on the left and a "Results" table on the right. The "Add Event" dialog box is open, allowing for modifications to the plan.

**Timeline:**

- Q1 2018: Baseline
- Q2 2018: Organic Growth
- Q3 2018: Organic Growth
- Q4 2018: Organic Growth
- Q1 2019: Organic Growth
- Q2 2019: Organic Growth
- Q3 2019: Organic Growth, Merger
- Q4 2019: Organic Growth, Promotional Activity
- Q1 2020: Organic Growth, Web Tier CPU Upgrade, Database Disk Upgrade

**Results Table:**

System	Risk Projection	Date of Risk	Details
CLW11		Q2 2019	Show Details
clsol11		Q3 2019	Show Details
ENGCLW16X64		Q4 2019	Show Details

**Add Event Dialog:**

- Growth Over Time
- Immediate Growth
- Change CPU** (Selected)
- Change Controller
- Change Disk
- Remove System
- Remove Workload

Buttons: Create, Cancel

# Platform Change Prediction

Simply follow the intuitive workflow to learn what impact a platform change will have on your environment.




## New Plan

Change Platform



What type of platform change would you like to make?




Move a cloud instance to a different cloud instance




Move a virtual machine to a cloud instance.



Move a physical system to a cloud instance.



Move all virtual machines on a host to a different host.



Move all workloads from one physical system to another.