



Modeling hardware transformation ▶▶

Using Sumerian Capacity Planner

The challenge

With constantly increasing demands and aging hardware, you will need to add hardware to accommodate growth or refresh old parts of your estate as they approach end of life. The challenge is selecting the best hardware to deliver the capacity required to meet current and future business performance expectations, whilst avoiding unnecessary operational costs and capital expenditure. With the increasing complexity of IT environments, accurately working out the right capacity to add to meet demand is more difficult than ever.

Sumerian solution

Using the advanced predictive modeling capabilities of Sumerian Capacity Planner, you can model the impact of additional/new hardware within your IT estate within minutes and make cost effective investment decisions with confidence.

When looking to reduce initial capital costs and ongoing running costs as part of a hardware refresh, knowing what you currently have deployed is not enough. It is crucial to understand how effectively your current infrastructure is actually being utilized. Sumerian Capacity Planner can give you just that insight—letting you view an accurate profile of current demand. Armed with this Baseline of your current utilization and headroom for growth, you can then go on to model multiple transformation scenarios and compare their outcomes—in terms of capacity, cost and headroom for growth.

When planning to add hardware, it is important to be able to evaluate various vendor options. Using Sumerian Capacity Planner's Host Templates, based on each vendor's hardware specifications and benchmark scores, you can rapidly assess each hardware option. Sumerian Capacity Planner's powerful Sunburst visualization will give you instant visibility of the impact on headroom for growth, and how many more VMs you can accommodate within a cluster before running into IO, memory, storage or CPU constraints.

Once you've decided on the right transformation plan, Sumerian Capacity Planner lets you export this as a report and you can continue to update your transformation models and plans as you go.

Client results and value

Forward thinking businesses will always strive to eliminate risk and streamline costs as part of a hardware transformation within their IT environment.

Sumerian Capacity Planner can provide the accurate insight needed to achieve this. As a typical example, one large public sector organization in the UK was able to identify a technology refresh plan using Sumerian Capacity Planner that reduced the size of their overall physical server estate by up to 70%.

▶▶ **More information**

To find out more about Sumerian Capacity Planner, just give us a call on 0131 226 9300, drop an email to sarah@sumerian.com or visit our website at www.sumerian.com