SCO Study 101:
What You Need to Know

What is it?

A Sirius Systems Cost Optimization (SCO) Study provides a complete analysis of your current environment and compares it to a new on-premises, hyperconverged (HCI) or cloud infrastructure environment over a three-year period, so you can decide where it makes the most sense to invest.

Why should I request a Sirius SCO Study?

Data Center Footprint and Cost Associated With:

POWER   COMPUTE & STORAGE   HYPER-CONVERGED

CLOUD INFRASTRUCTURE   MAINTENANCE COSTS

When was the last time you did a complete review and how long did it take you? Data centers change constantly, and with rising expenses and additions to the infrastructure come increased TCO. A full review of your resources and associated costs—for both acquisition and operation—provides insight into upgrades, replacements and consolidations that could reduce overall costs.

A Sirius SCO study provides you with a customized, categorized, data-based, quantified comparison with which to make these decisions. And the Study can be completed in as little as a few hours, not days or weeks.

What does it deliver?

The result is a three-year view of current configuration costs vs. targeted configuration costs plus acquisition cost, providing you with net gain or loss dollar figures for each category.

Once the information has been analyzed, a report is shared only with you.

The amount of data provided will affect the number of data points and the depth of the analysis.

Analysis covers:

- Hardware and software configuration with maintenance costs
- Power and cooling requirements with maintenance costs

- Employee costs
- Acquisition costs for any suggested target environment equipment

What information is required? What is optional?

The required data list is short, and should be readily available:

- Number of servers with each model name
- Processor type, count and cores
- Total memory installed per server

- Target server manufacturers
- No VM information is required

Including additional, optional data points provides a deeper analysis of existing configurations and associated costs.

Any or all of these items can be included:

- Current hardware maintenance pricing
- Operating system (OS), with or without actual OS maintenance pricing per server

- Utilization percentages on memory and/or processors
- Number or percentage of servers used for databases, or actual database pricing information

There are tools to gather much of this information. If you have a VMware® environment, the RVTools script can capture it. Other environments have similar functionality. Data formats are commonly presented in spreadsheet or CSV file format.

How do I submit a request? What happens then?

Contact your Sirius client executive and ask for one. They will open a case study request and upload your data. Once all required data is loaded with any optional information you wish to provide, the SCO Study experts will begin work.

The analysis generally takes a few hours to complete. The data is reviewed, required data consolidation and transformation is executed, and the analysis is done.

Once the report has been created, it will be shared directly with you. Sirius experts will schedule a review discussion to give you an in-depth understanding of the information it contains and ensure your satisfaction with the results.

This discussion will:

- Validate all assumptions made on the data received
- Detail data consolidation and transformation

- Explain what it says about your current architecture
- Review the recommendations presented for future cost savings

From that point, the decisions are yours to make. As always, Sirius is here to guide you through the options and will engage the experts, architects and partners to help you build the best solution for your business.

We look forward to hearing from you.