

## MCPc Server Virtualization Capacity Planning Assessment Service

You may have heard about the many benefits of server virtualization, but how do you know if and to what degree these benefits would positively affect your server environment? The only way to be certain is conduct a Virtualization Capacity Planning Assessment service.

### Some Common Benefits of Server Virtualization

- Conserve physical space (lower number of physical servers)
- Fewer servers means fewer server hardware maintenance contracts
- Savings on power
- Savings on cooling
- Reduce KVM switch ports
- Easier server administration
- Dramatically faster server deployment
- True application isolation
- Ability to deploy multiple operating system technologies on a single hardware platform

This service identifies the current servers in the environment that would be good candidates for server virtualization. Using Virtualization as a means of server consolidation goes beyond physical server consolidation to achieve maximum utilization levels of server resources. A Server Virtualization project typically runs concurrently with a physical server consolidation since the acquisition of new server hardware is often recommended and necessary.

### Service Details

- MCPc will assign an assessment specialist to work with your designated I.T. staff administrator.
- The MCPc assessment specialist will use sophisticated tools to collect assessment data from your servers.
- The data is collected by a dedicated PC that resides on your network. We can use one of your existing PCs if you have one that can be dedicated to this task, or we can bring one on-site.
- Assessment data collection usually takes two weeks. This amount of time has been proven to be sufficient to observe and identify utilization metrics and performance trends.
- Once the data is collected, a software program analyzes the data and generates a report.
- The MCPc assessment specialist will review the report and include it along with comments and recommendations in a document delivered for your review.

The report will illustrate which servers are good candidates for virtualization and which are not. Furthermore, the report will arrange proposed virtualized server workloads on proposed virtualization host servers to arrive at a complete picture of what the solution would look like. Using this information, very accurate hardware, software and services quotations can be created. It would then be possible to clearly see the financial and other benefits that the proposed virtualized server environment would offer.

### Required Time

It takes approximately one hour to setup the assessment collection PC. A list of prerequisites is provided to your designated I.T. staff administrator prior to this to ensure that the assessment PC will have the appropriate access and visibility to your server environment. Collection periods can vary based upon the size and complexity of the server environment, but it is typically two weeks. Post collection, it will take a few more days to analyze the data and create the report.