



# Rose Business Technologies

Clarity - Simplicity - Productivity



## Benefits of Network Virtualization

Network virtualization provides a powerful way to run multiple networks, each customized to a specific purpose, at the same time over a shared substrate. Benefits include:

- Optimized network speed
- Improved reliability
- Improved flexibility
- Robust scalability
- Better security
- More efficient network administration

Network virtualization is a method of combining the available resources in a network by splitting up the available bandwidth into channels, each of which is independent from the others, and each of which can be assigned (or reassigned) to a particular server or device in real time. Each channel is independently secured. Every subscriber has shared access to all the resources on the network from a single computer.

Network management can be a tedious and time-consuming business for a human administrator. Network virtualization improves productivity, efficiency, and job satisfaction of the administrator by performing many of these tasks automatically, thereby disguising the true complexity of the network. Files, images, programs, and folders can be centrally managed from a single physical site. Storage media such as hard drives and tape drives can be easily added or reassigned. Storage space can be shared or reallocated among the servers.

Network virtualization is especially effective in networks that experience sudden, large, and unforeseen surges in usage.