

SynchroNet Virtualization Solutions

Maximizing Operational Flexibility Through Hardware Consolidation

OVERVIEW

SynchroNet helps implement virtual server projects for businesses of all sizes, and provides turnkey solutions for virtualization. Our network consultants offer installation and configuration of VMware virtual server platforms, and provides datacenter hosting options for companies who are concerned with business continuity. Whether you need installation only, or a complete solution including hosting and post-project management, we can meet every possible range of your company's needs.

SERVER CONSOLIDATION AND CONTAINMENT

Many companies and data centers have servers running at 10-15% of the total processing capability. By enabling one machine to support multiple systems, virtualization can consolidate the amount of physical space that is currently used and contain your infrastructure to **make optimal use of your organization's capital**. You will be able to get more done with less power, less heat, and less of a carbon footprint.

BUSINESS CONTINUITY AND DISASTER CONTINGENCY

In the instance that one of your virtualized machines goes down, virtualization software can be configured to **automatically fail over** to another machine, remedying any outage periods in a matter of minutes. If server pooling is implemented, you will have the ability to start up a virtual machine session on another server when the original server is down. Server pooling can help cope with variations in business demands as well as changing business conditions due to company restructuring.

GREEN TECHNOLOGY

Virtualization **saves a huge amount of energy**, reduces the need to manufacture more machines, and helps companies and data centers run more efficiently. In 2006, the Environmental Protection Agency estimated that U.S. corporations and public agencies spent \$4.5 billion to power their data centers; the prediction for 2011 reaches figures close to \$7.4 billion. With virtualization, you will be able to minimize your space requirements, **fully utilize your hardware**, and create a significant dent in unnecessary power consumption.

IS YOUR COMPANY A GOOD FIT FOR VIRTUALIZATION?

Contact SynchroNet at 713.574.8200 or contact@synchronet.com for a consultation on virtual servers, and a free technical assessment of your network.

Benefits to Your Company

- Decreased power usage and decreased heat generation
- Less physical space is used
- Fewer hardware support contracts
- Consolidation of pre-existing servers
- Protection from software corruption
- Portability: An entire server can be copied over to a to another server with completely different hardware
- Decreased cost for new hardware purchases

