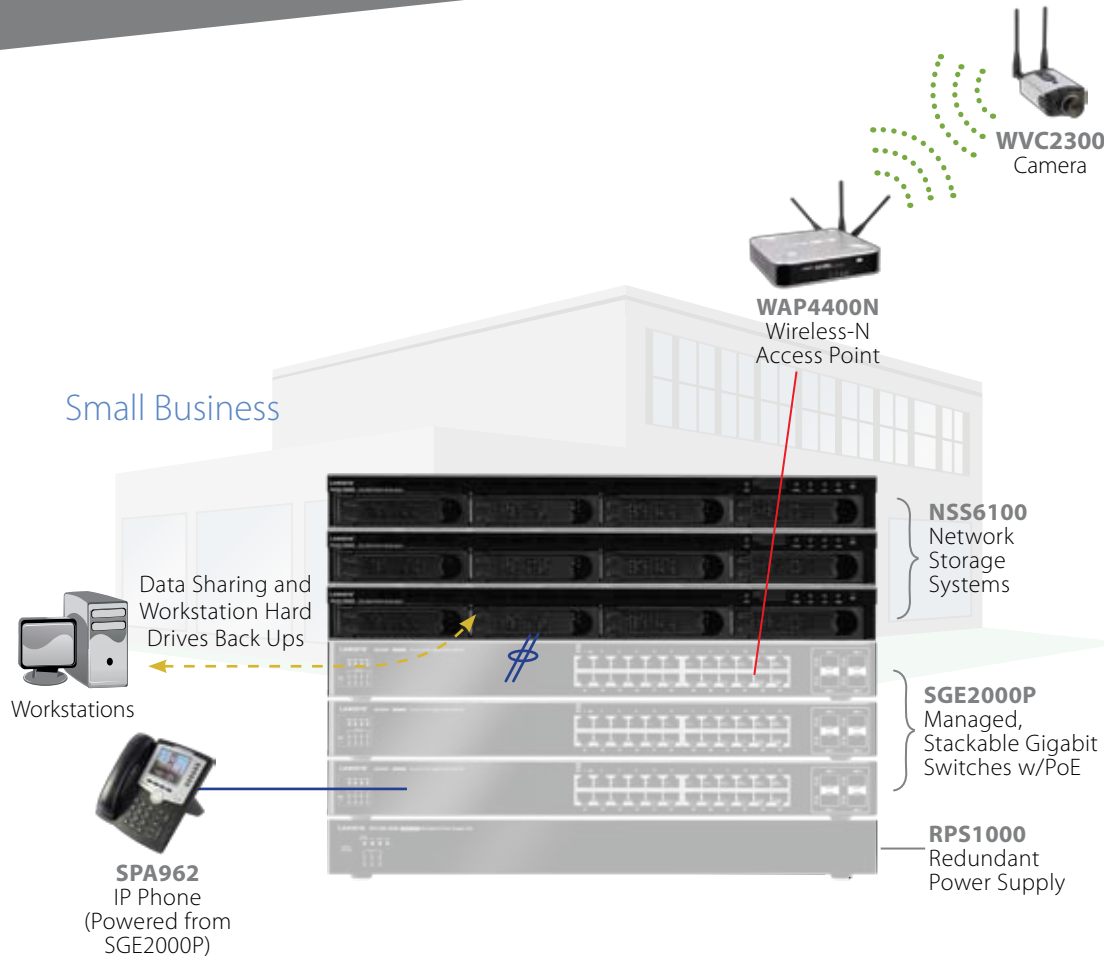


Network Attached Storage Example

Linksys Business Series Network Storage System (NSS) products offer robust Network Attached Storage features at a small-business price.



Product		NSS4000	NSS4100	NSS6000	NSS6100
Description		4-Bay Rack-mountable Network Storage System	4-Bay Rack-mountable Network Storage System	4-Bay Rack-mountable Network Storage System	4-Bay Rack-mountable Network Storage System
Features	15 Concurrent Users	.	.		
	75 Concurrent Users			.	.
	Chassis Only	.		.	
	Includes (4) 250GB Hard Drives		.		.
	Preconfigured RAID 5		.		.
	Linksys One Ready
	Max. Unformatted Capacity	4TB	4TB	4TB	4TB

Key Features

Key Features	Benefit
Linux OS embedded in chassis	Allows flexible configuration; saves money on licensing.
Dual Gigabit LAN interface	Fast communication that supports VLANs, QoS, and speed-enhancing technology
Supports from 15 to 75 concurrent users	Capable of managing high traffic
Rack-mountable design	Saves physical space
Linksys One Ready	Works in standard networks or can integrate with Linksys One data/voice networks

Glossary of Terms

NAS: Network Attached Storage. Storage that can be connected to a Local Area Network (LAN) for centralized data access and storage (e.g., file sharing and archiving.)

Direct Attached Storage (DAS): A storage device that directly connects to a single server or workstation. Unlike NAS, DAS data is only available to the attached server, not the whole network.

Array: Any network hardware scheme using multiple devices.

RAID: Redundant Array of Independent Disks. Data storage schemes using multiple hard drives to share or replicate data among the drives.

JBOD: Just A Bunch of Disks. Multiple hard disk drives (HDDs) that have been combined into a single virtual drive. In a JBOD configured disk array, each drive may be of a different size or capacity, thus, this storage method can be used to turn two or more odd-sized hard drives into one useful drive.

Virtual LAN (VLAN): A secure network within a larger network that connects users regardless of their physical location.

Quality of Service (QoS): An integrated or managed method for allocating priority for the type of traffic in a network. Allows for the prioritization of time-sensitive traffic like voice and video over less time-sensitive, high-bandwidth traffic for large data files, to ensure voice calls are consistent and not dropped and video does not suffer noticeable packet loss.

Frequently Asked Questions

Does a small business really need a NAS system?

Individual USB or Firewire hard drives are not suitable or practical for backing up or sharing large volumes of data on a Local Area Network (LAN). A centralized Network Attached Storage (NAS) system enables small businesses to back up multiple devices, schedule regular backups, and make large data files available to the entire network. Unfortunately, most enterprise-level NAS solutions are too expensive for the average small business. The Linksys NSS solution gives businesses ease of use, power, flexibility, and capacity at a much more affordable price than enterprise NAS systems.

What's the benefit of embedding the Linux OS in the NSS chassis?

Embedding the Linux operating system in the chassis gives the NSS the flexibility to be configured without connected drives, or reconfigured at any time including hot swapping and resorting hard drives to different storage bays. Other NAS systems require that the OS be configured on one or two hard drives in the system. Unfortunately, a failure of one drive containing the essential OS to run the system will cause the entire system to fail and may result in the loss of critical data. A Linux-based system also saves companies the cost for Microsoft OS licensing fees and renewals.

Do I have to get my storage units pre-configured for RAID?

NSS4000 and NSS6000 models are sold without drives, so network administrators can choose approved hard drives with the capacity they need and configure them to a RAID or JBOD set appropriate for their business. NSS4100 and NSS6100 models come with four 250GB hard drives preconfigured to RAID 5, the most commonly used storage configuration.

I don't have Linksys One. Do I really need a Linksys One Ready product?

Linksys Business Series NSS products can operate in any existing data network. However, businesses grow and change. A small business may not need Linksys One now, but may find as time goes by that it is a more suitable data or converged data and voice solution. If that is the case, Linksys NSS solution includes the necessary firmware to be integrated into a Linksys One network. Once connected to a Linksys One switch, a Linksys One Service Router will discover the NSS device and make it available to other users on the network.

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