

This just in...
**sneakernet
is dead!**



Introducing ProSync's USB AirGap Distribution System

Designed for environments with separated networks, the AirGap system allows users to transfer files between computers while enforcing physical and electrical separation. Equipped with six hard drives, AirGap can support up to six high and six low security computers, with each drive independently connected to either high side or low side. AirGap systems are rack-mountable and configured for ease-of-use in heterogeneous environments, and can be repartitioned, reformatted, or wiped with DoD-approved tools as needed by the customer.



ISO 9001:2000





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What is AirGap?

AirGap is a data distribution system designed specifically for the needs of secured environments. Because networks of different security levels must be kept physically and electrically separate, the transfer of data has typically been tedious. Whether making floppy disks or burning CDs, this “sneakernet” information transfer is both time consuming and wasteful.

ProSync’s AirGap Distribution System solves these problems. AirGap contains six hard drives, each one of which can be independently connected to either a high side computer or a low side computer. The physical design of the AirGap chassis enforces electrical separation while providing the simplicity of USB file transfers.

For flexibility, the AirGap chassis is rack-mountable, and each hard drive comes preformatted for maximum compatibility. Of course, the drives can be repartitioned, reformatted, or wiped with DoD-approved tools as needed by the customer. In addition, each hard drive is contained in a lockable removable tray for easy maintenance, and to simplify the physical disposal of the drives if necessary.

Demonstration

The security and simplicity of ProSync’s AirGap system is best demonstrated in person. If you are tired of burning CDs, shuffling between computers, and wasting time on the “sneakernet”, please give us a call.

For more information about AirGap, including a live demo, contact ProSync’s Adaptive Engineering Group at 410-531-9100 or write to us at aeg@prosync.com.

How Does It Work?

The AirGap system is simple to install and use. The responsible personnel installing AirGap plug up to six high security and six low security computers into the numbered USB ports on the back of the AirGap chassis. These numbers correspond to the numbered removable drives on the back panel, and to the numbered cables on the front panel.

A user of the AirGap system interacts only with the front panel. To connect one of the AirGap’s hard drives, the user simply plugs a numbered cable on the front panel into either the high or low side port immediately adjacent to it on the front panel. This then creates an electrical connection between the hard drive and the high or low computer selected, exposing the drive to the operating system as a standard external disk.

The Adaptive Engineering Group

ProSync’s Adaptive Engineering Group possesses a strong legacy as a solutions provider, with expertise in complex high-performance data and signal processing. With decades of collective experience in satellite and communications systems, our products are currently in place at intelligence agencies and major aerospace and civil space organizations worldwide.

Many of our deployments support large commercial and government programs, including the International Space Station (ISS), DoD’s Space Based Infrared System (SBIRS), and NASA’s Earth Observing System (EOS). Our heritage of developing state-of-the-art data acquisition, processing, and distribution systems uniquely qualifies us to provide effective, proven solutions quickly and inexpensively.