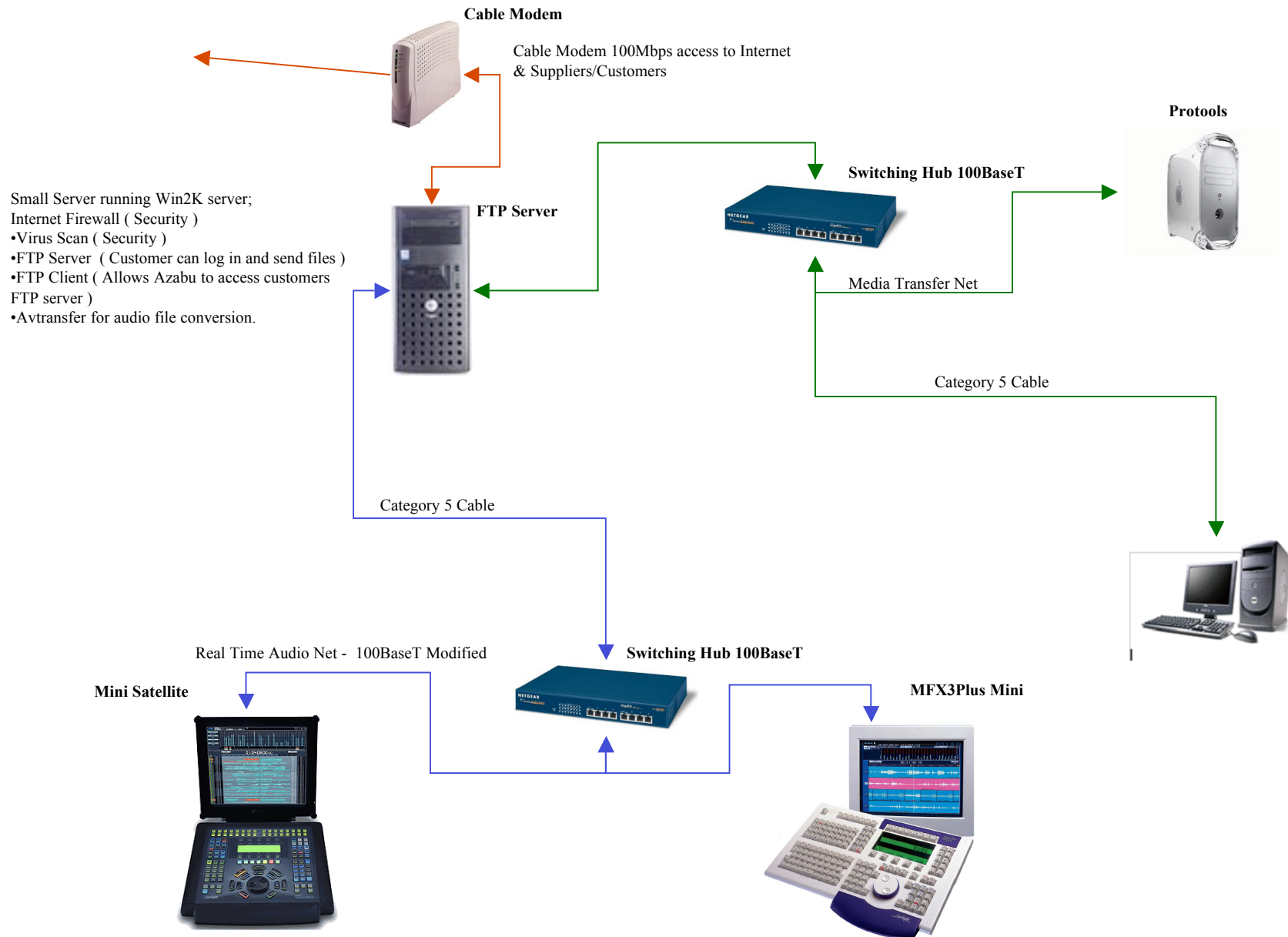
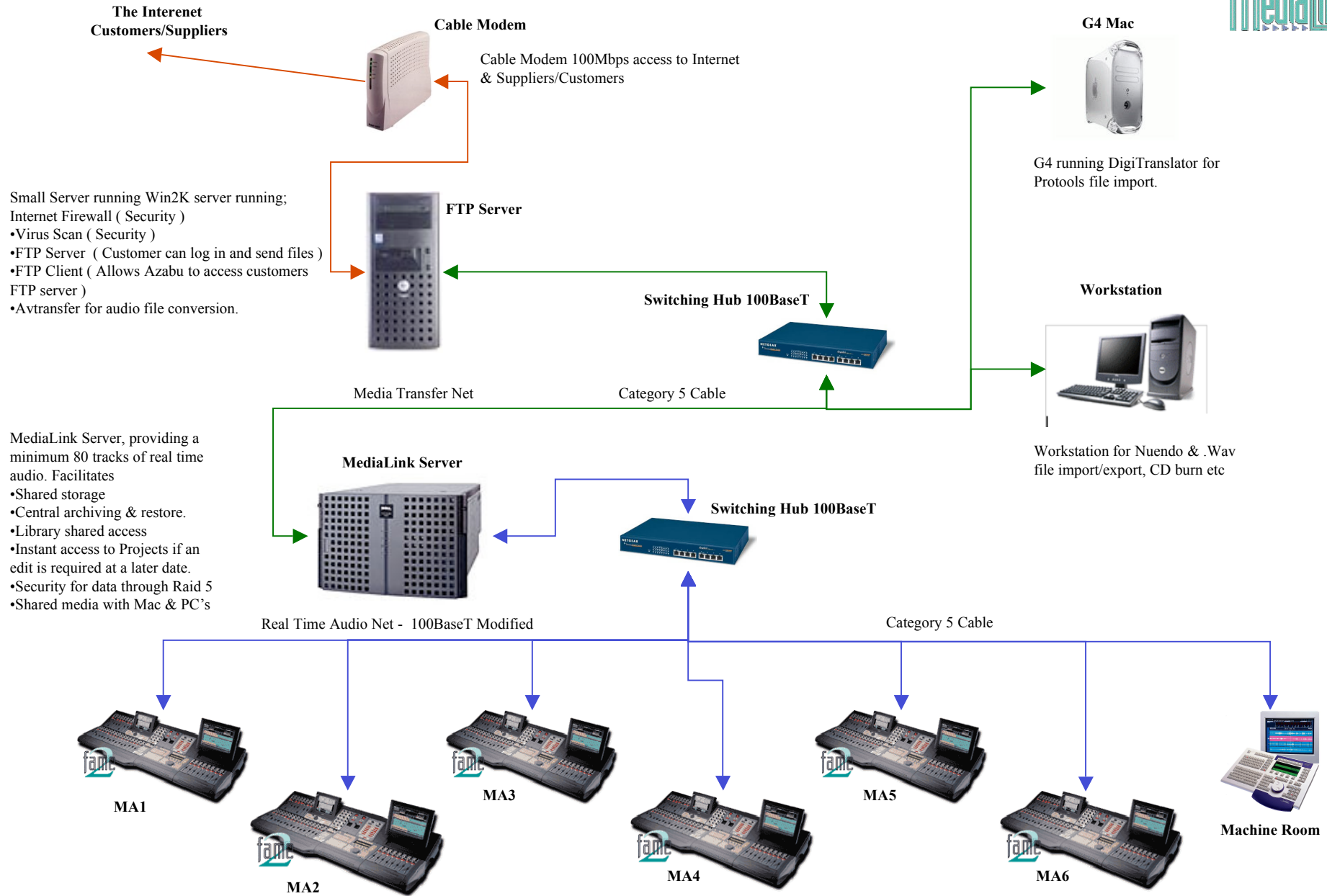


# Sound Bam Network Overview



# Azabu Plaza Network Overview



## Conclusion



### Objectives:

1. To achieve a cost effective alternate to couriating hard drives and MO media across Tokyo between studios.
2. To eliminate issues associated with media being damaged/lost in transit.
3. To provide a system whereby both parties can instantly verify that the appropriate Project has been received
4. To facilitate emergency edits/versions of Projects with little to no extra cost overheads.
5. To reduce the effect of distance, between studio's by allowing for a simpler workflow.
6. To enhance the reliability of existing system, through eliminating physical movement of media.
7. To provide at a minimum, the performance currently available using couriers to deliver media.
8. To provide integration, so that media transfers are a simple function in the production work flow, that can be processed in a few simple steps.
9. To offer a benchmark in inter studio networking, encouraging others to see the benefits involved to all.
10. To provide this facility with a high degree of foreground and background security security.
11. To achieve goals 1 through 10 at affordable and reasonable cost.

### Achievements:

1. Monthly access fees currently running at approx 50% of monthly courier costs
2. Media damage/lost issues eliminated.
3. Immediate verification possible for both parties
4. Emergency edits/versions can be uploaded at quicker than HD copy speed ( reference MFX3 SCSI speed ).
5. File transfers are simple and the progress can be watched from both sides so there is no worrying about couriers arriving on time.
6. No removable media required for the transfer.
7. Minimum performance measured at 15Mbps and maximum at 80Mbps ( 1.875MBps to 10MBps )
8. Integrated with MediaLink so file transfers from QDC or MFC3+ or Protools or Nuendo or Pyramix are easy and fast. File conversion using Avtransfer allows interformat conversion at high speed.
9. The system is operational and simple to use. Provide total transparency to all users and allows tracking of transfers on a secure platform. Clearly a benchmark in interstudio file transfers.
10. Foreground firewall selectively eliminates intruders while allowing specific customers/suppliers to access appropriate data. Background virus & port scanning identifies and eliminates potential problems.
11. Utilising low end servers and off the shelf services and software/hardware has kept cost at a very reasonable level. The system will have paid its self off in a matter of months rathe than years.

## Overview



Sound Bam and Azabu plaza have a working relationship whereby Sound Bam provide SFX for a number of Azabu Projects. The business relationship involves audio files being transferred between the studios on a daily basis. Up until recently this involved using couriers to deliver media, which in itself was not the most reliable medium. Then there was the copy times involved as typically the files were written to MO disk and copied from MO disk at the other end. Then if the Director decided on a last minute edit, the whole file transfer process may have had to be repeated and typically in a much shorter time frame, effectively increasing costs and stresses for all involved.

The network system on the other hand provides for stress free facilitation and management of file transfers. Files are moved at the click of a button between studios. Using FTP clients and servers, the transfers are checked during the actual transfer and then the final file is verified, providing for guaranteed file integrity, no matter if the transfer was interrupted at either end. Transfers speeds are currently at between 2 and 5 times MO drive copy speed. And best of all sudden re edits are handled at no extra costs for the transfer, as the link is up 24/7/365. With the current system there is total integration between Fairlight editors through MediaLink and this also facilitates Protools, Nuendo and Pyramix file import/export and file conversion through Avtransfer software.

The Sound Bam / Azabu Plaza link is run with dedicated IP addresses, allowing for a higher level of security. The service is provided by USEN, but could be implemented on any 100Mbps system, cable or ADSL with any provider.

The service was successfully utilised the day of commissioning and there after without fail. Clearly this is a step forward in improved inter studio work flow and in freeing engineers to concentrate on editing/mixing by simplifying one part of the post production process.