

Solution Overview: Until recently organizations requiring large scale image processing (large image printing, reproduction of CAD drawings, large scale photography printing and even traditional paper signage) was forced to outsource this work at a premium cost. Today, organizations are starting to develop their own in-house expertise at a fraction of the cost.

The basic large scale image processing station consists of the following components:

- Powerful workstation for image processing
- Large, high-quality LCD or plasma display
- High performance storage subsystem
- Flexible, high-speed storage network (Fibre Channel)
- Reliable, image archival system (tape or disk) for long-term, off-site storage

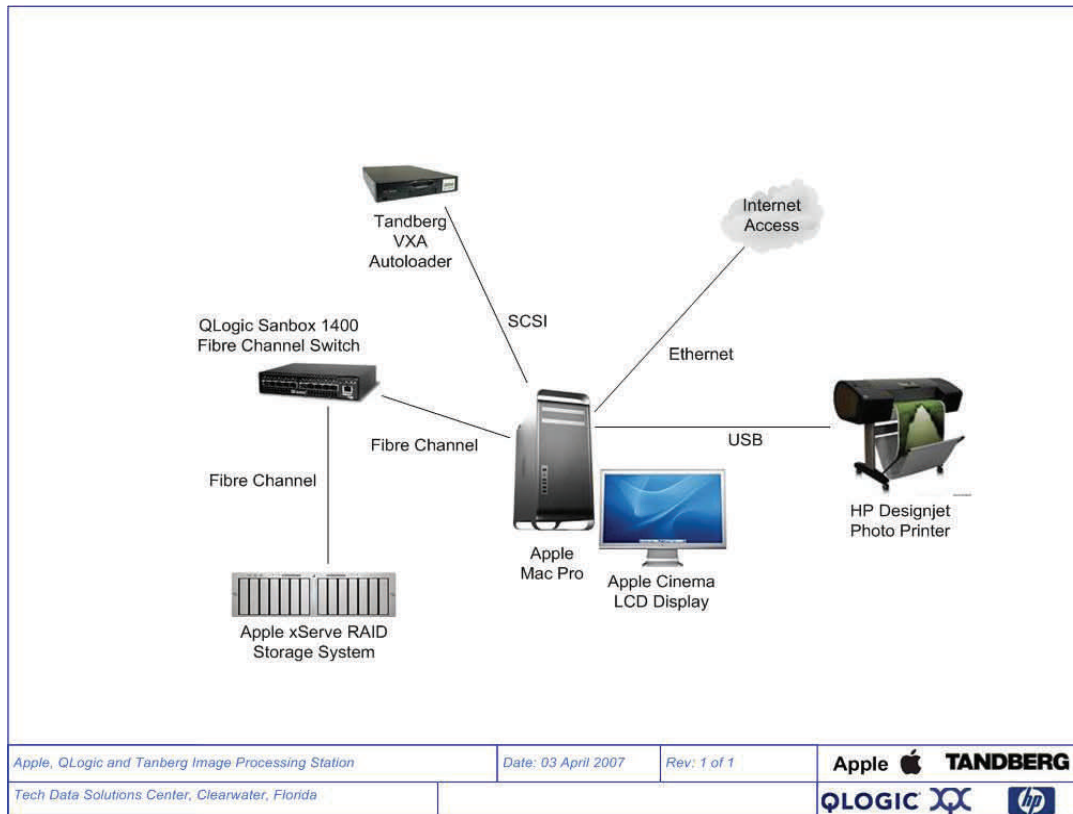
With the products listed above, organizations can now accept or create large image files and customize them to their own requirements. This image can then be saved to the high performance storage subsystem as well as sent to the large format image printer for hard copy. Finally, any data that has been modified can be written to the tape library for long-term, removable archival.

Apple Products Involved: Mac Pro (System) CD X/2.66 2X512MB 250GB SD OSX (MA356LL/A), Apple Cinema Display 30in FP LCD (M9179LL/A).

QLogic Products Involved: SB1403-10AJ 2Gb Fibre Channel Switch, QLE2460-CK PCI-Express 4Gb Fibre Channel Host Bus Adapter (HBA).

HP Products Involved: Designjet Z3100 Photo 44in Printer (Q6659A#BCC)

Tandberg Data Products Involved: VXA-2 Packetloader tape system (119.00510GVT)



Apple, QLogic and Tandberg Image Processing Station	Date: 03 April 2007	Rev: 1 of 1	Apple TANDBERG
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Government:

When government entities select image processing solutions several criteria factor into the decision. Factors such as cost, performance, security and compliance all come into play.

With more government agencies becoming increasingly cost sensitive, they are looking for every opportunity to stay within their working budget. The cost of outsourcing image processing is becoming more cost prohibitive. Image processing technology is becoming more "plug and play" and standards based as well as affordable. These systems are allowing more agencies to develop this expertise in-house and still operate well within their shrinking budget.

Government solutions often have to meet specific performance requirements. Therefore, it is critical that components of the imaging processing system are compatible and ultimately exceed the performance requirements at an affordable cost. Standards based imaging components are best suited to building a high-performance imaging system.

Security is also becoming a major concern for government agencies. This is mainly due to the nature of their core data: national security, city and state municipalities and tax agencies. Imaging systems have to be securable both physically and electronically.

Also, government agencies often have unique compliance rules with regards to data handling and long term storage. The image processing system may require image encryption, long-term storage, as well as specific image transmittal capabilities.