

The Electronic Imaging Systems Laboratory (EISL) supports research on image capture and rendering, medical imaging, color measurement, and document management. The laboratory is located in a suite of six rooms comprising over 1100 square feet on the ground floor of the Electrical Engineering Building. The computational resources of the laboratory include 9 PCs running LINUX, 6 workstations running HP-UX, and 10 PCs running Microsoft NT, Windows 2000, or Apple Macintosh OS 9. The disk storage that is local to these computers is augmented by approximately 250 Gbytes of server-based disk space.

The laboratory provides both document capture and rendering devices for support of research activities. The capture devices include a Howtek 4000 dpi prepress drum scanner, based on photo-multiplier tube technology, and a Heidelberg Linotype Saphir Ultra2 flatbed scanner with a maximum optical resolution of 1200 dpi x 2400 dpi. Rendering devices include an HP 2500 CP large format inkjet printer (36 inch wide carriage), a 300 dpi Shinko continuous-tone dye-sublimation printer, two HP DeskJet 900 series inkjet printers, several workgroup-class HP LaserJet 4000 (monochrome) and 4500 (color) series laser printers, and one each of the department-class HP LaserJet 8500 (color) and 9000 (monochrome) printers.

One of the rooms in the laboratory has been configured as a conference area with a Polycom Soundstation Premiere conference phone for tele-meetings with off-site sponsors and collaborators.

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