The Escritoire: A Personal Projected Display

Mark Ashdown & Peter Robinson (2002)

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**Foveal display:** an interactive surface which has a high resolution area to accommodate the user’s focus of attention.

**Peripheral area:** a large, low resolution display area that covers the desk.

**Desktop:** a digitizer tablet which supports multiple pointing devices at different times.

Three button pen for the user’s dominant hand.

Ultrasonic pen for the non-dominant hand has lower resolution and no buttons.
Projector for the foveal display

Projector for the peripheral display
Client and Server

This is to allow a pair of desks with their client software to connect to a single server to provide a shared task space that will augment the person space of a video conference.

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Tiles and portfolios

Tiles: reside on the client displaying their contents on the foveal display and accepting input events from the pens.

Portfolios: on the server side accepting events and updating their appearance.