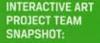# ICS Connects Interactive Public Art In New Airport Terminal

Time Travel, Tweets and Audio Clips Accompany Passengers

If you take a stroll in the Arrivals Hall in the new Terminal B, you can go backward or forward in time!

And no, it's not a magical trip back to the future. The time travel is part of an interactive public art display of San Jose's history called "Shifting Time - San Jose" that is triggered by your personal interaction with the art. As you walk by, your body movement triggers the wall to fluidly shift videos from past to present and present to past, pulling you through time as it moves.

Camille Utterback,
Reactive Wall Artist

ENGINEERED and installed by Integrated Communication Systems (ICS), a NECA-IBEW electrical contractor in San Jose, the reactive wall is one of the most popular spots in the airport. It was designed by digital art consultants Gorbet+Banerjee as one of the flexible art platforms that make up the unique $6 million digital public art program. The first artist commissioned for the reactive wall was Camille Utterback of San Francisco. Her piece is titled "Shifting Time - San Jose".

Utterback designed "Shifting Time - San Jose" by pairing 20 pieces of historical video with clips of contemporary content of San Jose. "As you move in front of the piece in any one of the clips, the past will come more into view, so your actual movement creates the flow of time in the video," says Utterback, a digital and video artist who also created the software. "You may see one of San Jose's old canning factories, where women are sorting fruit, paired with women typing at their laptops at Cisco Systems."

To install the reactive wall, ICS formed a blended image on a wall that is seven feet high and 15 feet wide. ICS project manager Mark Berlo used two projectors mounted in the ceiling to make a single image that is run at 1080p. An infrared camera picks up people that walk by the screen or stand in front of it, changing the video content. ICS was responsible for the projector configuration; the video processing required to blend a single image into two; the edge blending; hardware installation and installation of the racks in the ceiling to house the hardware. ICS programmer Jason Meyer from IBEW Local 332 did the programming of the video processors that blend the image on screen. The computer that drives the art is remoted to a different location, with ICS running cable for that.

ICS also connected several other interactive public art displays at the airport, including "Convey," a piece which projects location-specific Tweets in realtime onto passengers' baggage as it travels on Carousel 2 in Terminal B, and "Sonic Gateway," an environmental audio piece by sound artist Bill Fontana at the Terminal B Jetways, Gates 18 - 26.

INTERACTIVE ART PROJECT TEAM SNAPSHOT:

ELECTRICAL CONTRACTOR:
ICS, San Jose

ELECTRICIANS:
15 technicians from IBEW Local 332, San Jose

ICS PROJECT TEAM:
Mark Berlo, Project Manager

PUBLIC ART PROGRAM BUDGET:
$6 million

ART MASTER PLAN:
City of San Jose

ART ACTIVATION INFRASTRUCTURE:
Gorbet+Banerjee Public Art Consultants, Toronto/Belmont

REACTIVE WALL ARTIST:
Camille Utterback, "Shifting Time - San Jose", Terminal B Arrivals Hall

"SONIC GATEWAY" ARTIST:
Bill Fontana, Terminal B Jetways, Gate 18 - 26

"CONVEY" ARTISTS:
Banny Banerjee, Matt Gorbet and Susan LK Gorbet, Terminal B, Baggage Carousel