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Surface

LTL Architects:  
Lewis.Tsurumaki.Lewis

*Lewis.Tsurumaki.Lewis* is a design intensive architecture firm founded in 1997 by Paul Lewis, Marc Tsurumaki and David J. Lewis, located in New York City. *LTL Architects* engages a diverse range of work, from large scale academic and cultural buildings to interiors and speculative research projects. *LTL Architects* specializes in academic, institutional, residential and hospitality projects throughout the United States, like the 70,000 square feet renovation for the Steinhardt School at NYU, the Living and Learning Center for Gallaudet University in Washington, DC and the Administrative Campus Center for the Claremont University Consortium in California.

*LTL Architects* is a leading firm with an understanding of DeafSPACE Principles. A set of guidelines that aim to create spaces and buildings that accommodate the needs of the hearing impaired. In 2010 *LTL Architects* completed a dormitory and learning space for Gallaudet University. Additional projects for the deaf have followed.

Building a living and learning space for the hearing impaired creates new challenges for an Architect. Common areas have to facilitate both private discussions and large events where all attendees can see the hands of the speaker. Similar accommodations apply to stairways, hallways, and living quarters.

## Challenge

*LTL Architect's* workflow is grounded in collaborative design. Throughout the day sub-teams at the firm gather in the conference room to pour over plans and models to brainstorm, sketch, and problem solve together.

This process yields results that push the envelope in form and function. It also is however both time and resource intensive. To support collaborative design sessions, Associates often print large format plans and bring exquisitely built models to the meeting space.

Reviewing documents and digital models requires the Associates to transfer files to the conference room laptop.

# Solution

The combination of a 55" Perceptive Pixel Display and Surface Pro devices in the offices of *LTL Architects* supports a design and collaboration intensive process.

Associates and Principal alike are able to seamlessly transition from the desk workstations, where Surface is docked into external displays, to the conference room, where the PPI display facilitates large format collaboration in the native design and project management files. *LTL's* workflow is pen intensive. The active stylus on both the PPI and Surface Pro enables document annotation in Bluebeam Revue as well as markup of project plans and models.



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Surface Pro is the ultimate workhorse with Intel 4th generation i5 Core processor



Surface is designed to be lightweight with long battery life for ultimate mobility

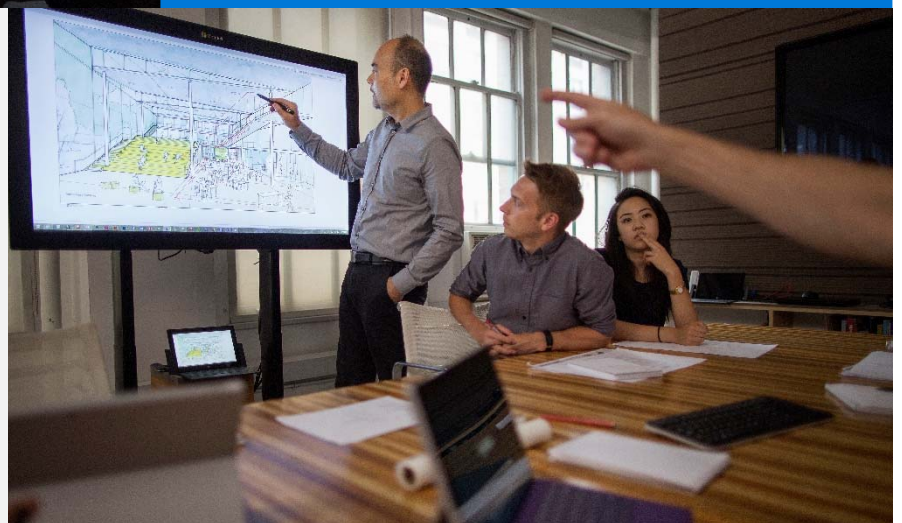


*“Surface presents for architects a refined balance between agility and power. Surface meets—in a single, lightweight device—our mobile demands, while retaining the ability to engage complex programs and software demanded by the profession.”*

**David J. Lewis, AIA**  
Principle - LTL Architects

## Perceptive Pixel Display

A 55" Perceptive Pixel Display helps facilitate client meetings, collaborative design reviews, and team meetings. All of the project files, sketches, schematics, and notes are at hand. This saves *LTL Architects* critical time in both ad-hoc team meetings as well as important client reviews. With the PPI stylus, the team is able to quickly annotate plans, without the need for paper copies which need to be transferred later.



LTL Architects received some free devices during pilot phase of deployment