

ECE 191 Project – Winter 2009

Multi-Purpose Community Content and Display System

Sponsor: Calit-2

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Abstract:

Build a very high resolution display and content visualization system to monitor and improve several measures of "community well-being" for a learning center in an inner-city housing development. Physical measurement systems (such as sensor networks) and social and economic measurement systems will be designed to gather data that will be displayed by and for the community to raise awareness and effect change.

We would like to build a 3X3 panel high resolution display for the Town & Country Learning Center. This has to be mounted on the wall in one of the rooms within the Learning Center. This Display System will be connected through the Internet back to UCSD to display content from Calit2 and the Super Computer Center. Also, community related content applications will have to be developed.

