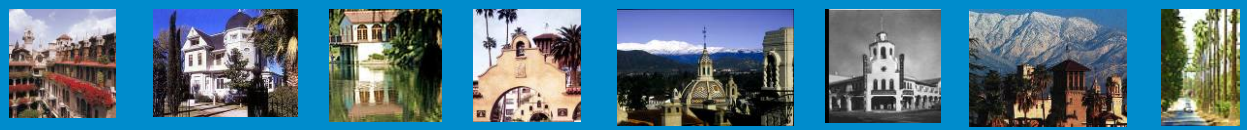
Digital Inclusion
"Bridging the Digital Divide"

May 12, 2008



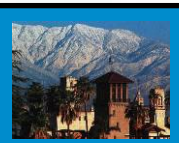
SmartRiverside
Digital Inclusion Program

The Problem

- Low-income remains Low-income
- Computer illiteracy
- Disparity in Education

The Solution – Digital Inclusion

- Free Computer Training
- Free Computers to Low-income Families
- Free Internet Access
- E-Waste Collection



SmartRiverside
Digital Inclusion Program

The Problem

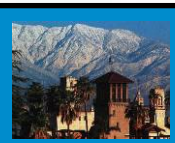
Low-income remains Low-income
Families that are in the low-income range tend to have been low-income in prior generations and their future generations don't have the tools to break the mold.

Computer Illiteracy
School children are particularly affected by the absence of technology tools to reinforce learning in the home, particularly among minority students. Two out of every three white students (67%) use the Internet, but less than half of blacks and Hispanics do. For Hispanics the figure is 44%; for blacks, 47% (*Digital Divide Still Separates White and Minority Students*, USA Today, 2006).

Disparity in Education
Nearly 65% of college graduates have home Internet access, while less that 12% of households headed by someone with less than a high school education have Internet access. Over 86% of households earning $75,000 and above each year had Internet access in late 2000, as compared to only 12.7% earning less than $15,000 per year. ("Bridging the Digital Divide" www.riverdeep.net/current/2002/01/011402t_divide.jhtml.)

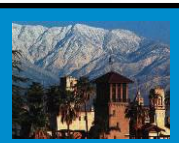
The Solution – Digital Inclusion

- The Foundation
  - Wi-Fi Internet Infrastructure
- The Program
  - Free Computer Training
  - Free Computers to low-income families
  - Free Internet Access
- Project B.R.I.D.G.E.
- SmartRiverside E-Waste Program



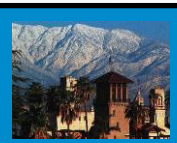
Why Broadband Wireless in Riverside?

- SmartRiverside – attract and retain high technology companies
- Keep students in Riverside to fill jobs locally
- Offer a Digital Inclusion program to deliver free computers and internet access to every home
- Enhance Public Safety Communications to keep Riverside safe



The Model : Anchor Tenancy Requirement

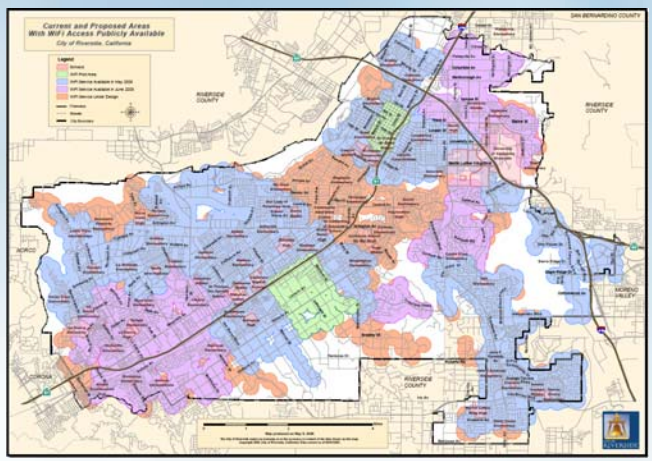
- Committed to $3M in Products and Services through AT&T over 5 years
- Committed to $1M in WiFi use of 5 years as follows:
  - ✓ Public Safety 4.9 GHz solution for 200 Police/Fire vehicles @ $49.95/mo
  - ✓ City use at 2.4 GHz @ $27.95/mo at 1Mb and $3/mo. at 90 Kbps:
- City Applications
  - ✓ Ball Field Light Controls
  - ✓ Traffic Controls
  - ✓ Parking Meters
  - ✓ Police & Fire In-Car Video
  - ✓ SCADA
  - ✓ Building Inspection
  - ✓ Code Enforcement
  - ✓ Citywide Video Surveillance



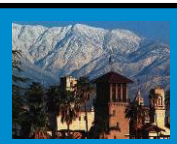
SMARTRIVERSIDE

City of Riverside Wi-Fi

WiFi Deployment



- AT&T Network Infrastructure
- Time-Table
  - ✓ Phase I - Went live May 7, 2007
  - ✓ Phase II – May 2008
  - ✓ Phase III – June 2008
  - ✓ Phase IV - From May 2008 through May 2009, AT&T will be filling in any remaining pockets of no coverage based on demand.
- WiFi Service Plans
  - Free for every household and business in Riverside
  - Paid service plans available and also free at 1Mbps in Riverside and at over 75,000 AT&T Hotspots nationwide for AT&T DSL subscribers
- Website - http://www.smartriverside.org/wireless/



Digital Inclusion Program

Computer Refurbishment

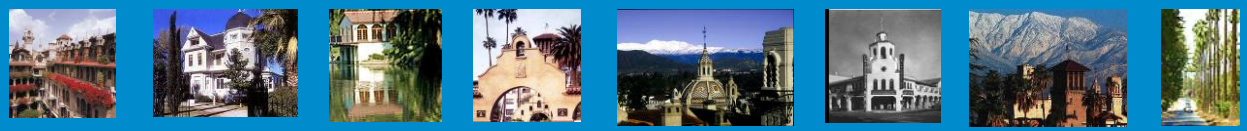
- PIII or Higher
- Wipe the Hard Drive
- Windows XP
- Microsoft Office
- Business and Homework Applications
- Free WiFi Internet Access

Digital Inclusion Program

Classes & Partnerships

- Parks, Recreation & Community Services
  - ✓ 10 Community Centers
- Riverside Unified School District
  - ✓ 2 Elementary School Locations
- Riverside County Office of Education
  - ✓ 6 High School Locations

*Location information is included at the end of this presentation.



SMARTRIVERSIDE

Digital Inclusion Program

Increased Quality of Life

- Equal Opportunities for the less fortunate
- Email and Communications
- Homework
- Job Search
- Hobbies and Education
- Art & Travel

SmartRiverside E-Waste Program

Refurbish – Reuse – Recycle

- PIII or Higher – Check if Operational
  - ✓ If the PC or Monitor Works – Go to DI Program
  - ✓ If it Does Not Work – Go to E-Waste
- Be a Nonprofit 501(c)(3)
  - ✓ You can save a lot of money by receiving donations of PC's and Monitors that are operational.
- Participate in Events
  - ✓ Charity Golf Tournament
  - ✓ Digital Inclusion Day @ Arrowhead Stadium
  - ✓ Partner with Churches and Community Organizations

SmartRiverside E-Waste Program

Refurbish – Reuse – Recycle

- Partnershps for E-Waste Collection
  - ✓ Companies like to know they are helping the Community
  - ✓ Assisting in “Green” initiatives
- Partner with a State Approved Recycler
  - ✓ They pay you for all of your E-Waste.
  - ✓ Get them involved with your marketing and advertising efforts.

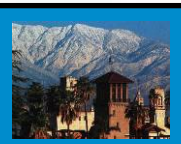
Digital Inclusion Program

Project B.R.I.D.G.E.

(Building Resources for the Intervention and Deterrence of Gang Engagement)

- Part-time Workers
- Managed by Park, Recreation & Community Services
- A+ Certification Opportunity
- Increased Self-Esteem

SmartRiverside Video



Digital Inclusion Class Locations

Riverside Community Center Locations

Cesar Chavez Community Center
Bobby Bonds Park
2060 University Ave
826-5746

Renck Community Center
Hunt Park
4015 Jackson St
351-6132

Eric M. Solander Center
Bryant Park
7801 Gramercy Pl.
351-2031

Ruth Lewis Community Center
Reid Park
701 N. Orange St
826-5654

La Sierra Community Center
La Sierra Park
5215 La Sierra Ave
351-6131

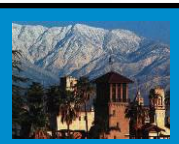
Arlanza Community Center
Bryant Park
7950 Philbin St
351-6135

Stratton Community Center
Bordwell Park
2008 Martin Luther King
826-5355

Joyce Jackson Community Center
Nichols Park
5505 Dewey Ave
351-6130

Ysmael Villegas Community Center
Villegas Park
7260 Marquerita Ave
351-6142

Dales Sr. Center * White Park * 3936 Chestnut Street * 826-5303

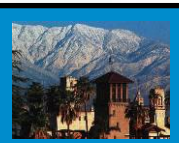


Digital Inclusion Class Locations

RUSD Class Locations

Highland Elementary School
700 Highlander Drive
Riverside, CA, 92507

Victoria Elementary School
2910 Arlington Avenue
Riverside, CA, 92506



Digital Inclusion Class Locations

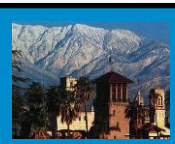
RCOE Classroom Locations

John W. North High School
1550 Third St.
Riverside, Ca. 92507
Room 245

Sherman Indian High School
9010 Magnolia Ave.
Riverside, Ca. 92503
Room 103

Norte Vista High School
6585 Crest Ave.
Riverside, Ca. 92503
Room 107

Arlington Learning Center
6511 Arlington Ave
Riverside, Ca. 92504
Room 202

La Sierra High School
4145 La Sierra Ave.
Riverside, Ca. 92505
Room 210

Grindstaff Center II
9825 County farm Rd.
Riverside, Ca. 92503