

ISM

IT Solutions Management for Human Services

an affiliate of the American Public Human Services Association



Homeless Integrated Mapping System

August 7th, 2007

Riverside County DPSS IT: Deliver Uncompromising Customer Service Support & Solutions (DUCS)



Point in time Street Count

Manual Process

- Information is gathered on paper from each homeless person found on the streets.
- Data collected was minimal (ex: first and last initial, gender).
- Paper sheets were gathered and given to a consultant to be compiled and analyzed.
- A report was given to the Homeless group from the consultant.



Copy of a Data Sheet used to collect Homeless data

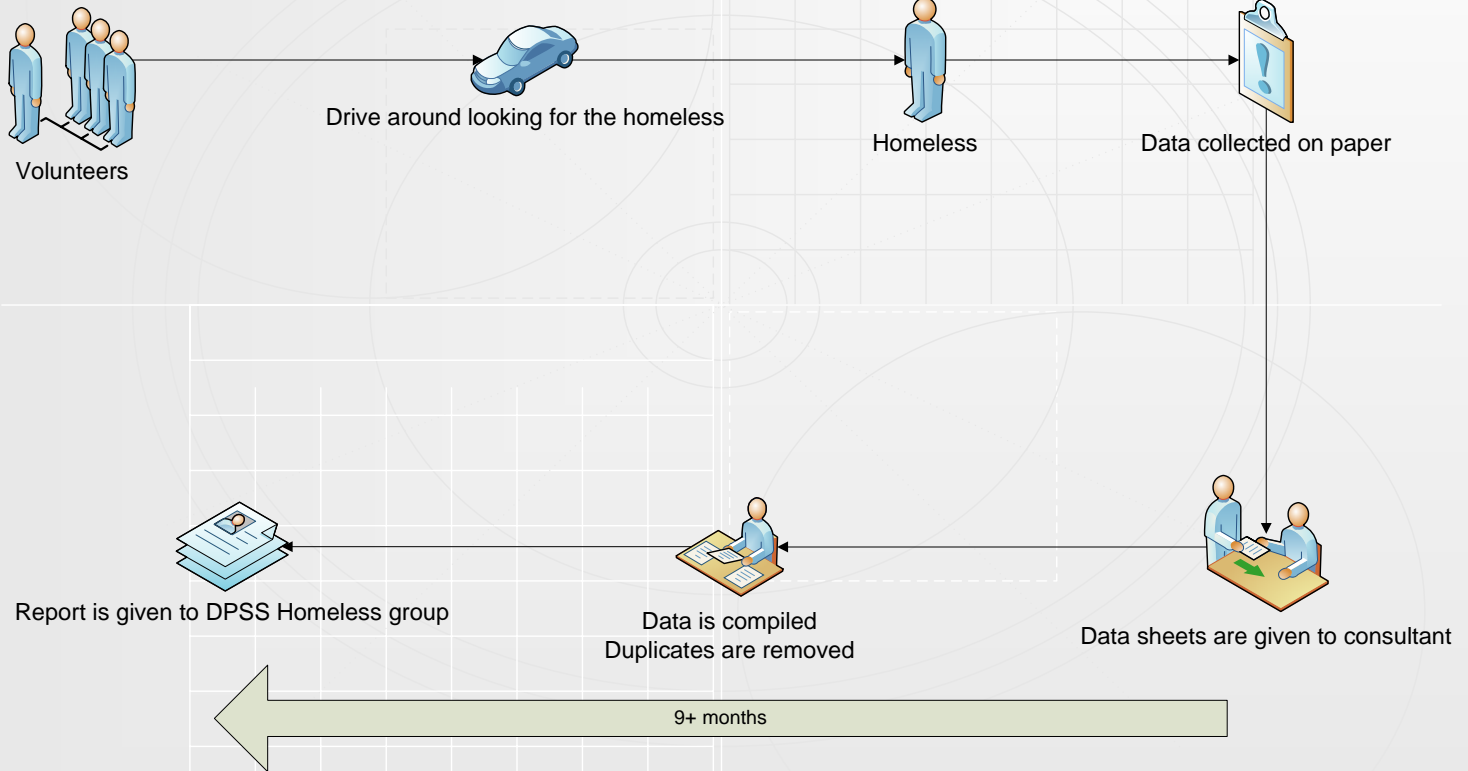
Are You Homeless Today?	First Initial of First Name Only	First Initial of Last Name Only	Ethnicity (Please Check One)						Year Born	State Born	Marital Status	# of Children Homeless & Living With You Today Under Age 18	Is Your Spouse or Partner* Living with you today? If "Yes," Continue >>>	First Initial of First Name of Spouse or Partner	First Initial of Last Name of Spouse or Partner	Ethnicity (Please Check One)						Year Born	State Born			
			Female	Male	Af American or Black	Asian/Pac Islander	Am Indian or Alaskan	Hispanic or Latino								White	Other	Female	Male	Af American or Black	Asian/Pac Islander			Am Indian or Alaskan	Hispanic or Latino	White
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*A Partner is a person you live with over age 18 and share a common family life but are not joined in a traditional marriage



Basic Workflow

Homeless Census Street Count Manual Process



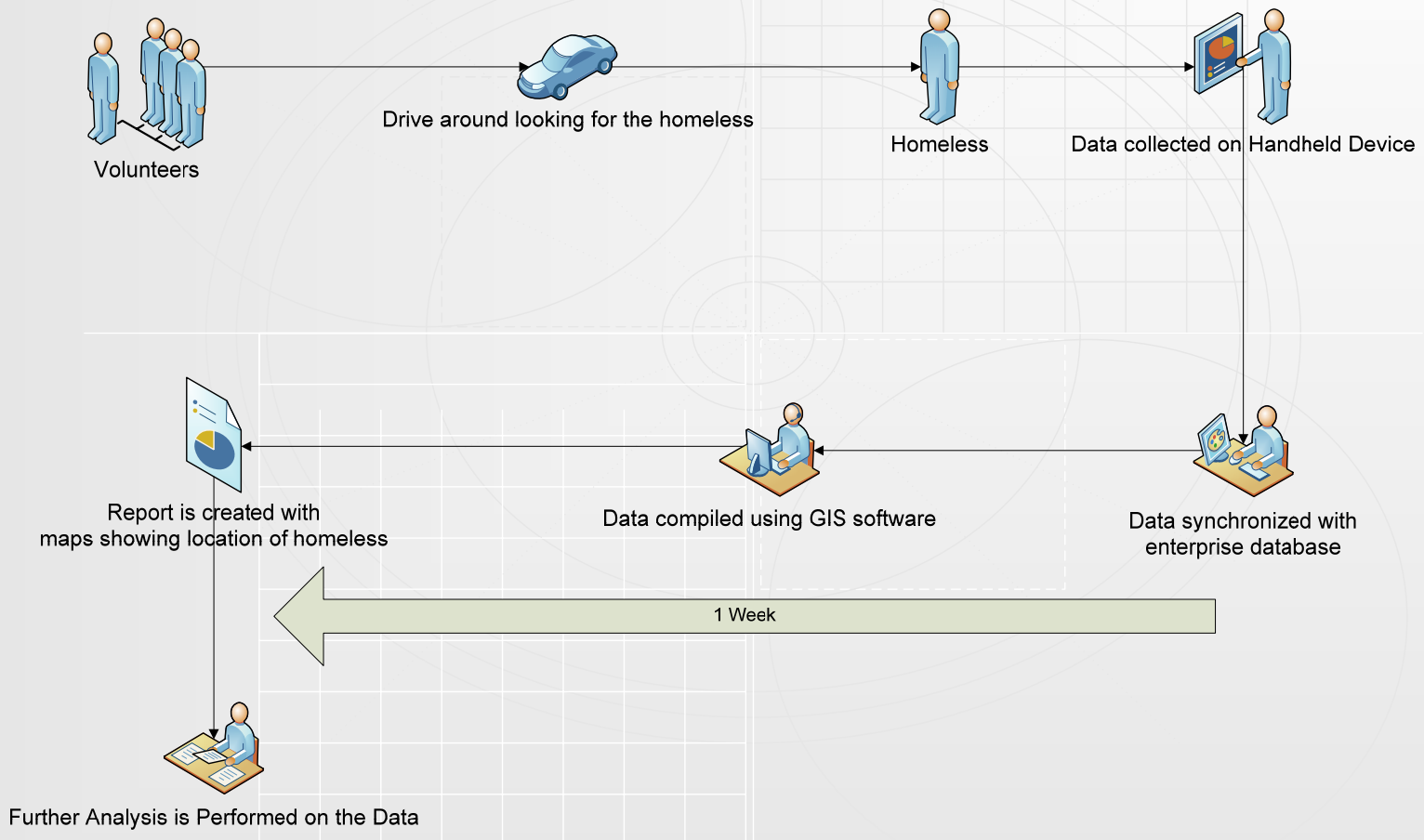
Homeless Integrated Mapping System

- Outreach Workers are equipped with PDAs with GPS.
- An application runs on the PDA based on the paper data collection sheet.
- When the data is entered into the PDAs, a time stamp and Location (Lat and Long) are stored with it.
- When the collection is complete the data is transferred to an enterprise database.
- The data is analyzed in a GIS environment.



HMIS Basic Workflow

Homeless Integrated Mapping System Census Street Count



PDA Application screens

Start 8:12

First Name: Last Name:

Gender: Male

Ethnicity: Other

Day of Birth: 1/ 1/66

State Born: California

Marital Status: Single

of Children under 18: 0

Homeless Partner GPS Info

Is Homeless Living w/Partner

Options Save

Start 8:14

First Name: Last Name:

Gender: Male

Ethnicity: Other

Day of Birth: 1/ 1/66

State Born: California

Homeless Partner GPS Info

Is Homeless Living w/Partner

Options Save

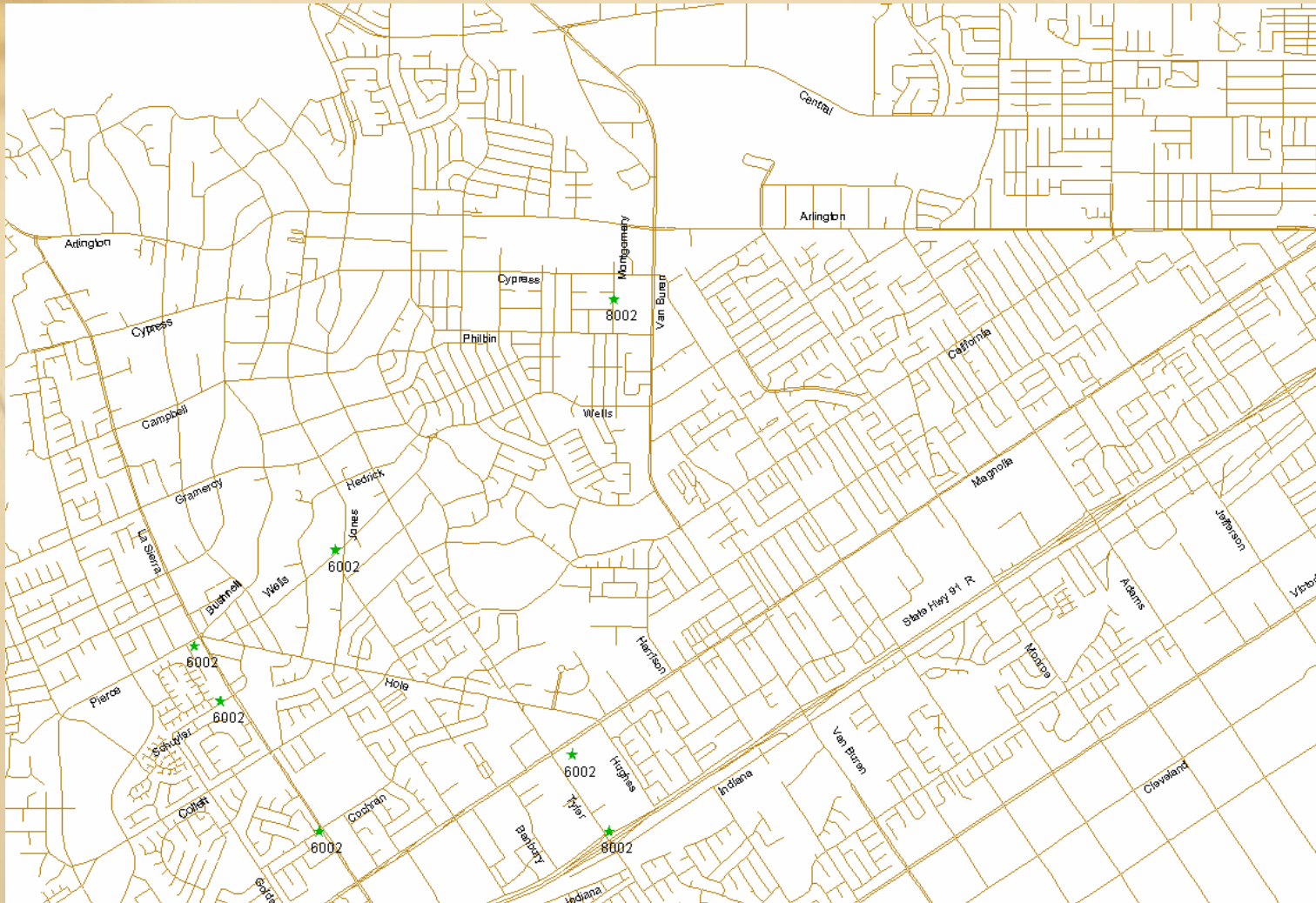


Advantages of future Census collection using HIMS

- Spend less time finding the homeless by using homeless locations collected from previous census collection.
- Census data collection will be performed quicker allowing Outreach workers to find the homeless before they become mobile.



Finished Map from HIMS data collection





Questions & Comments

