

SLDS: Converting Data into Actionable Intelligence

Dr. Domenico “Mimmo” Parisi
Professor and Executive Director
NSPARC



MISSISSIPPI STATE
UNIVERSITY™

nsparc
NATIONAL STRATEGIC PLANNING & ANALYSIS RESEARCH CENTER

SLDS: Converting Data into Actionable Intelligence

- WIOA: Common Case Management
- Workforce on Demand: Using Data to Connect Employers and Job Seekers
- What's the Bottom Line? A LifeTracks Demonstration

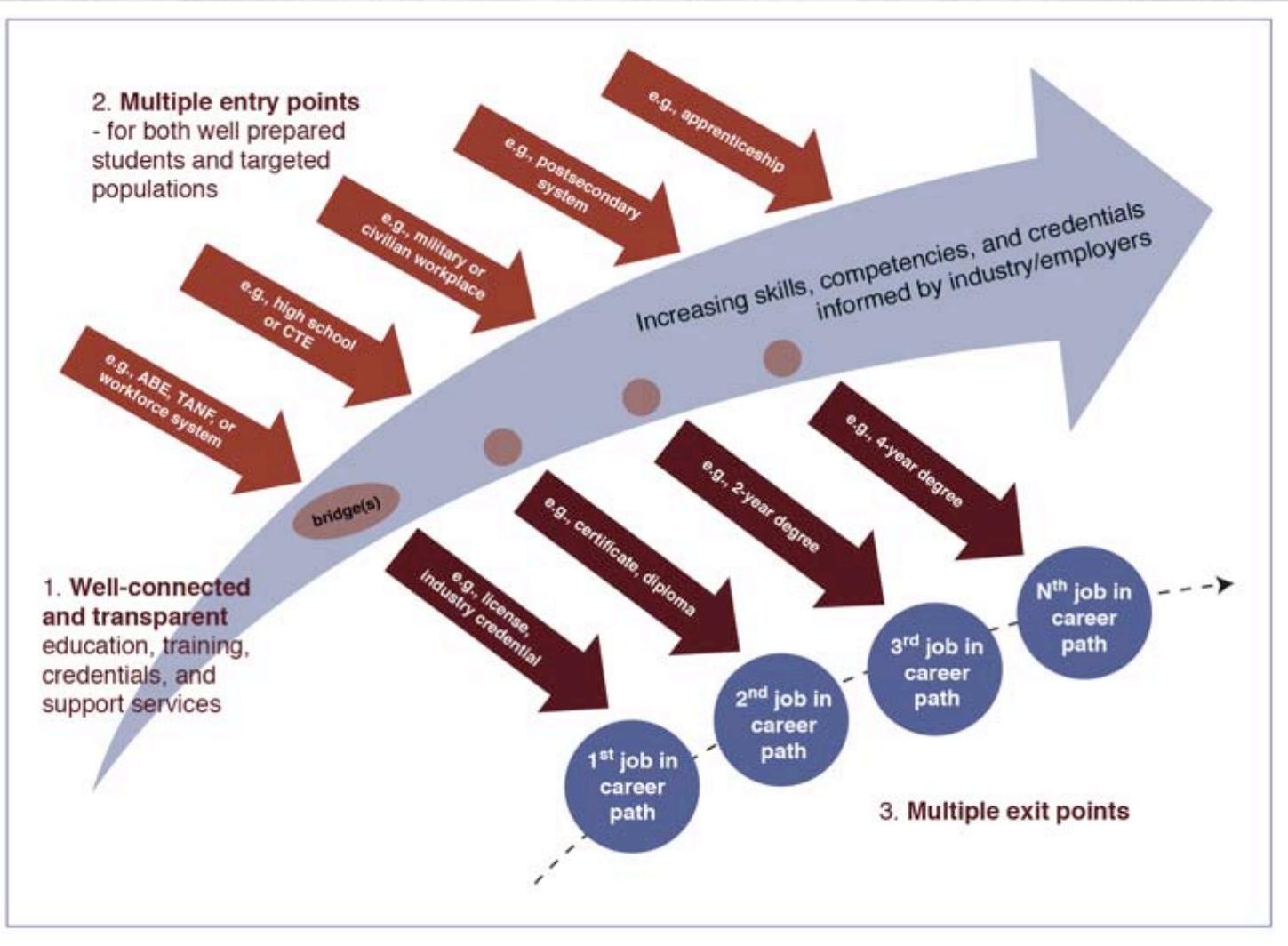


WIOA: Common Case Management



MISSISSIPPI STATE
UNIVERSITY™

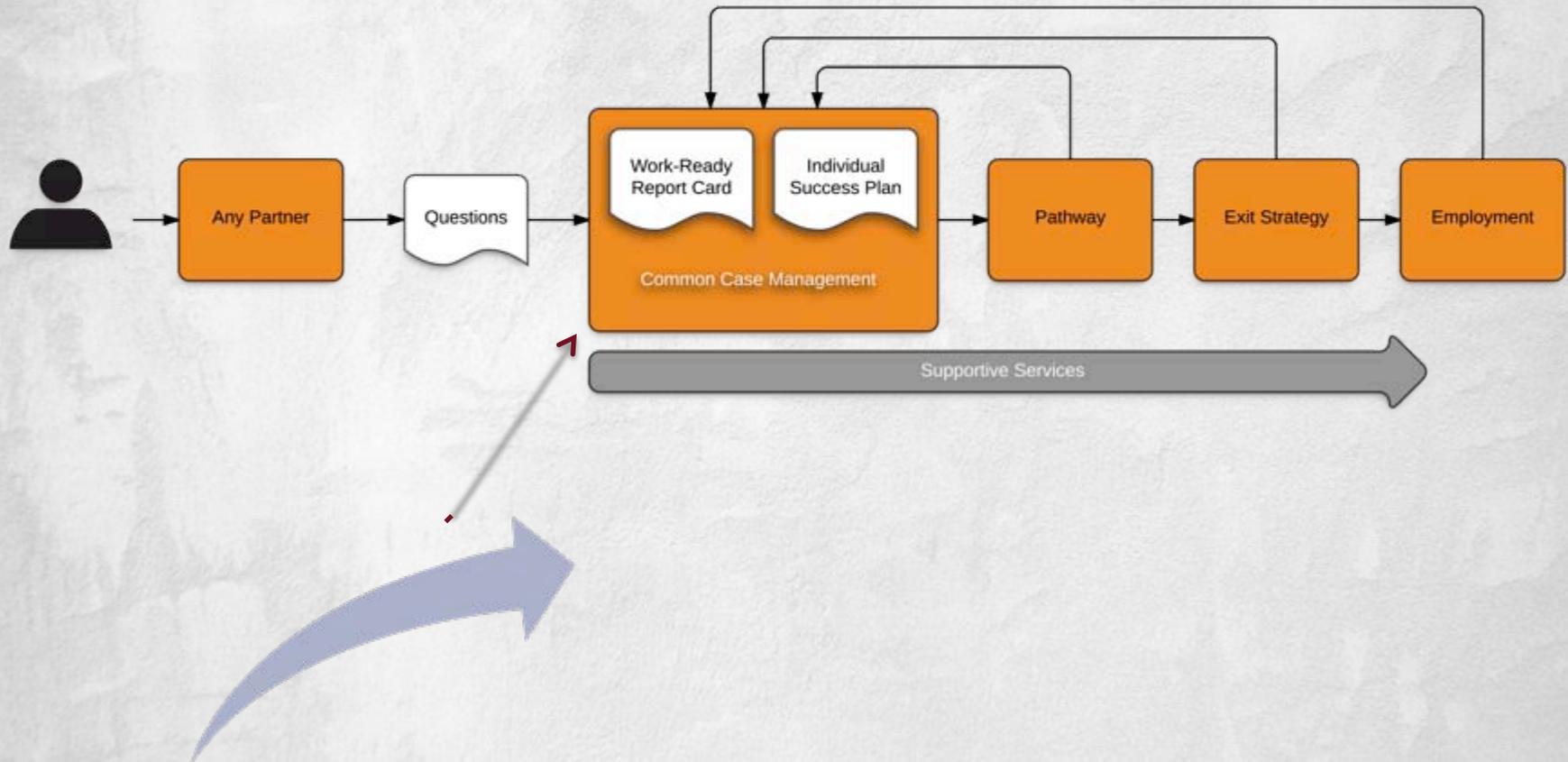
nsparc
NATIONAL STRATEGIC PLANNING & ANALYSIS RESEARCH CENTER



Source: Alliance for Quality Career Pathways, "Shared Visions, Strong Systems"



Smart Start Career Pathway Model

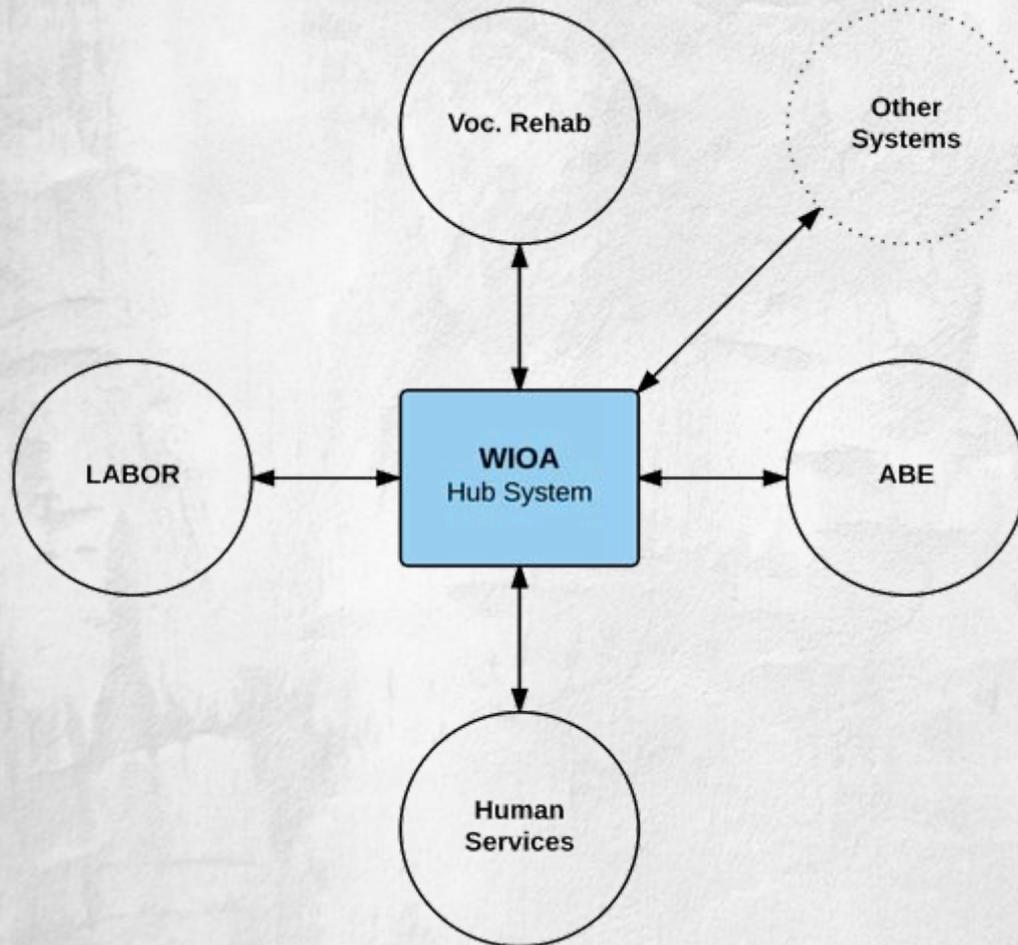


Common Case Management: Diagnostic Questions

1. Do you have a high school diploma or equivalency (Passed a GED, HISET, TASC, etc.)?
2. Do you have difficulty with a. seeing, b. hearing, c. talking, d. using your hands, e. getting around (mobility), f. interacting with others, g. learning, or h. thinking?
3. Are you the parent or caretaker of a child under the age of 18, living in your home?
AND
Is at least one parent absent from your home, disabled, or unemployed?
4. Do you need help buying food for your household?
5. Are you working?
 - a) No
 - b) Yes, but I need a better job.
 - c) Yes, and my job meets my needs



Common Case Management Technology



All agency systems linked to common system via web services.



Data Required to Support Common Case Management

- Common Participant Profile
- Intake Questionnaire + Rules Engine
- Electronic Referrals
- Work-Ready Report Card
- Individual Success Plan
- Common **service** catalog.
- Common **assessments** catalog.
- Common **credentials** catalog.



Workforce on Demand: Using Data to Connect Employers and Job Seekers



MISSISSIPPI STATE
UNIVERSITY™

nsparc
NATIONAL STRATEGIC PLANNING & ANALYSIS RESEARCH CENTER

Workforce on Demand

The Ability to Answer Three Questions:

- 1) Do we have the number of people required?
- 2) Can the prospect company successfully recruit from the available labor pool?
- 3) Can we close the skill gaps of workers who are interested in working for the prospect company?



Do we have the number of people required?

The screenshot shows the MyMDES Candidate Search interface. The top navigation bar includes 'Home', 'My Profile', 'Candidate Search', 'Manage Openings', 'Unemployment Tax', and 'Resources'. A user is logged in as 'Jonathan' with a 'Log Out' button. On the right, there are statistics: 0 Applications Pending and 0 Open Positions.

Job Candidate Search

Search filters:
Job Title/Keywords: Welders, Cutters, Solderers, and Brazers
At Least: Associate's Degree
Within 25 miles of: 39759
Search button

Job Candidate Locations

Map/Satellite view showing a heatmap of Starkville, MS.

Miles	Location	Education	Experience
0	STARKVILLE,MS #733686	Bachelor's Diploma or Degree	Inspectors, Toolmakers, Sorters, ... Loading Machine Operators, Unt... Welders, Cutters, Solderers, s...
0	Starkville,MS #1247862	Bachelor's Diploma or Degree	Welders, Cutters, Solderers, s...
0	Starkville, MS #217154	Associate's Diploma or Degree	First-Line Supervisors of Prod... Heavy and Tractor-Trailer Trac... Painters, construction and mai... Printing Press Operators Sheet metal workers Shipping, Receiving, and Traff... Structural Iron and Steel Work... Structural Metal Fabricators s... Welders, Cutters, Solderers, s... Welding, Soldering, and Brazin...
0	Starkville,MS #1213445	Master's Diploma or Degree	Agricultural equipment operato... Electrical and Electronics Rep... General and Operations Manag... Lathe and Turning Machine Tool... Milling and Planing Machine Se... Social science research assist... Structural Metal Fabricators s... Teachers and Instructors, All ... Welders, Cutters, Solderers, s...
0	Starkville,MS #1057804	Associate's Diploma or Degree	Helpers--Electricians Hoist and Winch Operators Installation, Maintenance, and... Maintenance and Repair Workers...



Can the prospect company successfully recruit from the available labor pool?

How to Contact

[I'm Interested!](#)
[Send a Job-Vite](#)
[Visit](#)

Your Local Win Service Center and ask about candidate #217154

Summary

Education Level
Associate's Degree

Desired Salary
\$31.25 hourly (\$65,000 annually)

Location
Starkville , Mississippi 39759

Driver's License Class
A

Endorsements & Restrictions
Tank (N), Doubles and Triples (T)

#217154 - Starkville , Mississippi 39759

Work Experience

Occupation	Years
Painters, construction and maintenance	8.04
Heavy and Tractor-Trailer Truck Drivers	4.91
Shipping, Receiving, and Traffic Clerks	2.79
First-Line Supervisors of Production and Operating Workers	1.25
Sheet metal workers	1.08
Welders, Cutters, Solderers, and Brazers	0.7
First-Line Supervisors of Production and Operating Workers	1.25

Degrees/Certificates

- High School Diploma
1999
- Other Recognized Certification in Pavements and Heavy Equipment Operator
2002
- Other Recognized Certification in Commercial Truck Driving Class A CDL
2009
- Other Recognized Certification in Welding and Fabrication
2011
- Associate's Degree in Welding and Fabrication Technology
2012

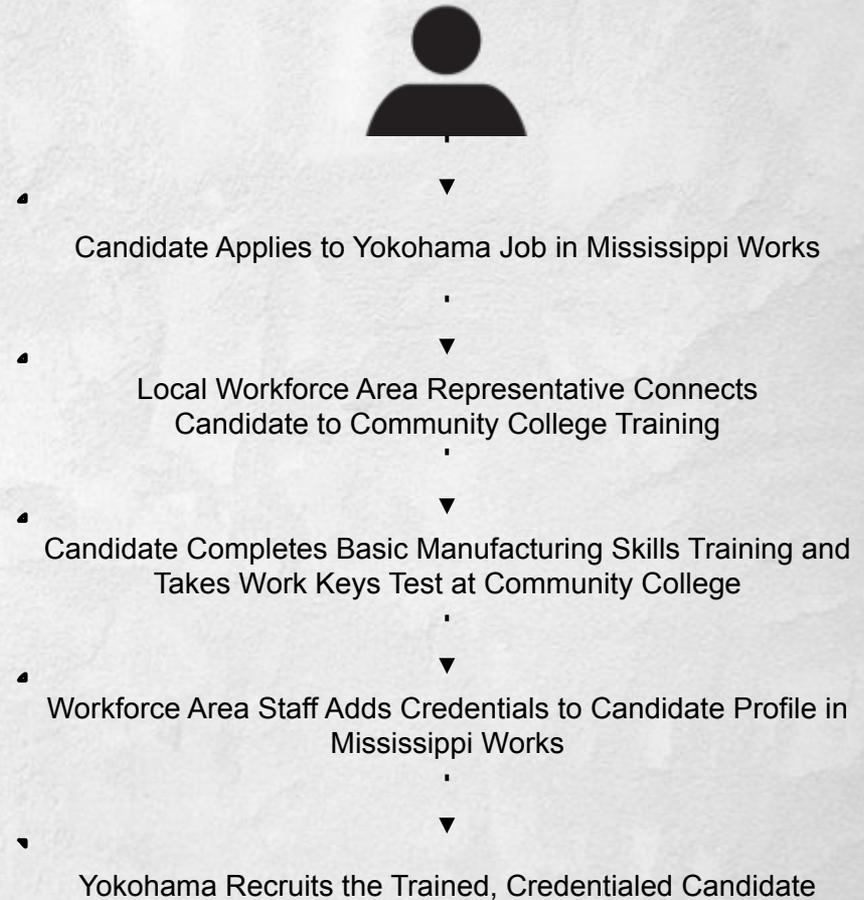
Tools and Technologies

- Barcode labeling software
- Computerized inventory tracking software
- Web browser software
- Air compressors
- Barcode printers
- Blocks and tackle
- Box cutters
- Cargo hoists
- Desktop computers
- Filled trucks
- Forklifts
- Hand trucks
- Handheld bar code scanners
- Handlifts
- Handtrucks
- Hydraulic lifts
- Lowboy trailers



Can we close the skill gaps of workers who are interested in working for this company?

- Partners: Workforce Agency, Community Colleges, WIOA
- Case Study: Yokohama



What's the Bottom Line?

SLDS – Lifetracks Demonstration



MISSISSIPPI STATE
UNIVERSITY™

nsparc
NATIONAL STRATEGIC PLANNING & ANALYSIS RESEARCH CENTER

Mississippi Lifetracks

<https://lifetracks.ms.gov/>



MISSISSIPPI STATE
UNIVERSITY™

nsparc
NATIONAL STRATEGIC PLANNING & ANALYSIS RESEARCH CENTER