Computing In
The 21st Century:
Where Will The Jobs Be?

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Women’s Role In Technology

♦ Currently at Microsoft
♦ Currently in the general industry
♦ Changes on the horizon
  > Workforce change in year 2000

WOMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?
1995 WEPAN National Conference
A Changing World
Information At Your Fingertips

Technology Is Advancing

Chips
Hardware
Software
Networks LANs

Microsoft®

WOMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?
1995 WEPAN National Conference
PC Industry Growth

$ Billions

Platforms Changing

Microsoft®

WOMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?
1995 WEPAN National Conference
Information Superhighway

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Broad Impact

- Rich communications
- Electronic commerce
- Interactive entertainment
- Health care and government services
- New educational approaches

Microsoft

WOMEN IN ENGINEERING CONFERENCE: IS SYSTEMIC CHANGE HAPPENING?
1995 WEPAN National Conference
What It Will Take To Get There

- Education
- Technology
- Companies
- People... women... empower!

Where Are We Now?

- Girls are being turned off to science by elementary school
- Less women entering computer science
- Women are more likely to complete their degrees, but...
- Women earn less than men in every field of science
Solving The Problems

- Understand the problems
- Determine what is working
- Devise and improve programs that involve all levels of education
- Measure results

Understanding The Problems

- Societal factors
- Masculine environment
- Problems with current solutions
What Works?

- Mentoring
- Scholarships
- Special math, engineering, and science programs

Improve On Ideas

- Better link between schools within a district
- Mentoring a little closer to home
- Industry should get involved with academic and community programs
- Smarter scholarships and internships from industry
Metrics

- Are we reaching our goal of empowering women to obtain technological and computing jobs?

Where Will The Jobs Be?

- Creation
- Content
- Practical use