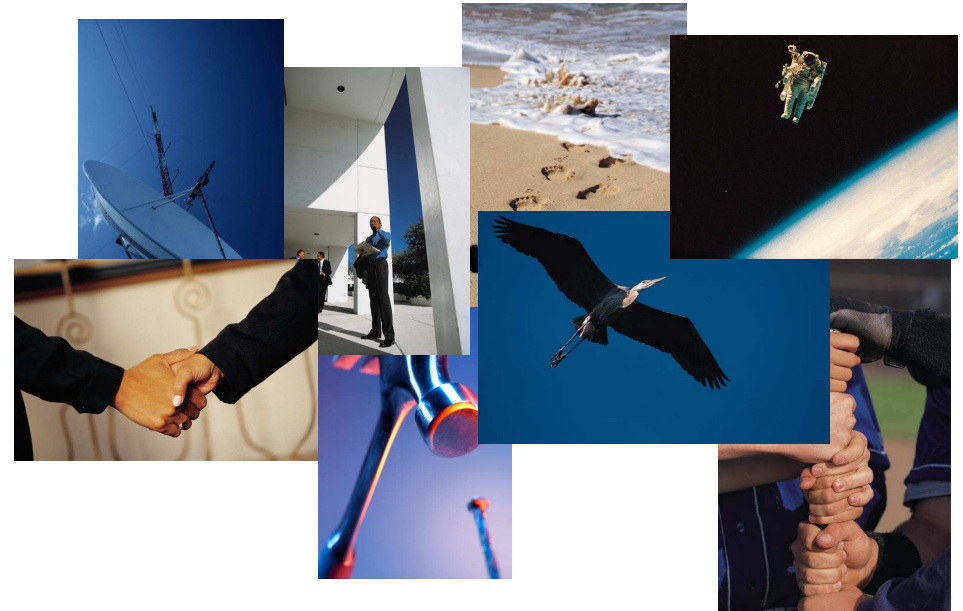


S I M

Delivering Business Value
Through IT Leadership

www.simnet.org

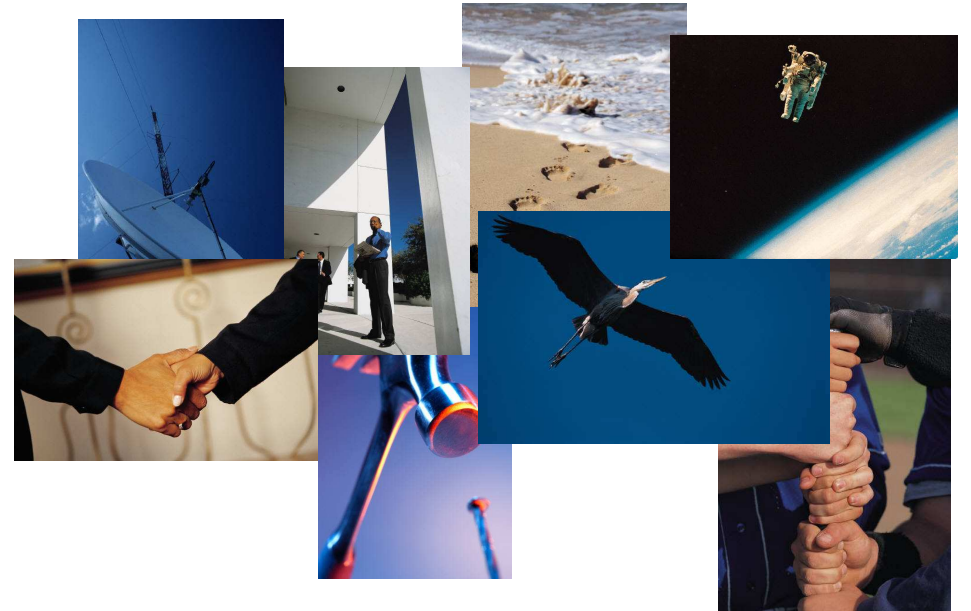


Top Myths about Future Employment in IT

Adapted by
University of Dayton
MIS Faculty
October 2007

S I M

Delivering Business Value
Through IT Leadership



Myth 1

There are no IT jobs.

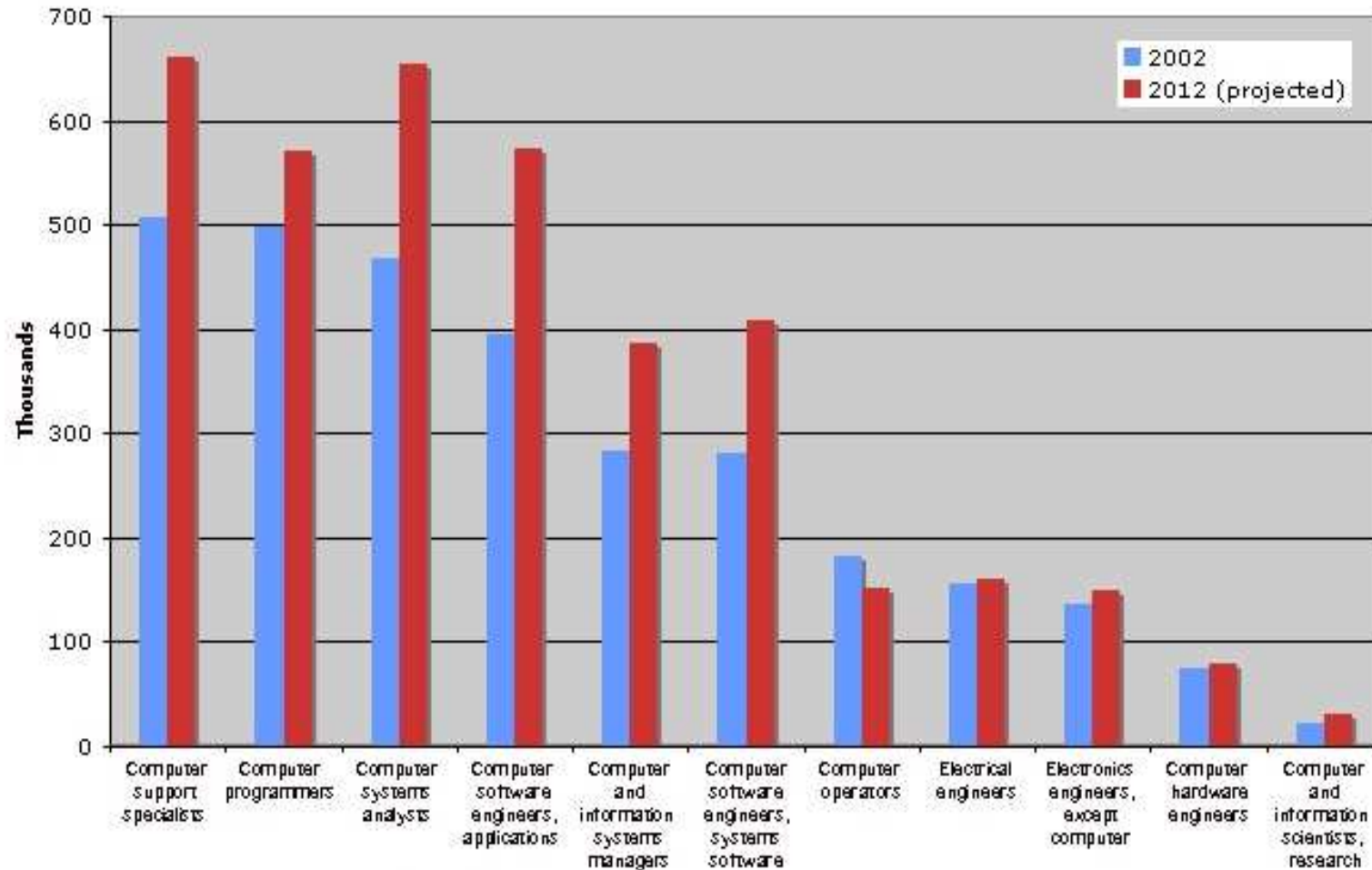
2006 Top “10” IT Management Concerns

1. IT And Business Alignment
2. Attracting, Developing and Retaining IT Professionals
3. Security and Privacy
4. IT Strategic Planning
5. Project Management Capability
6. Introducing Rapid Business Solutions
7. Speed and Agility
8. True Return on Individual IT Investments
9. Measuring The Value of IT Investments
10. IT Governance

SIM 2006 Survey

Forecast

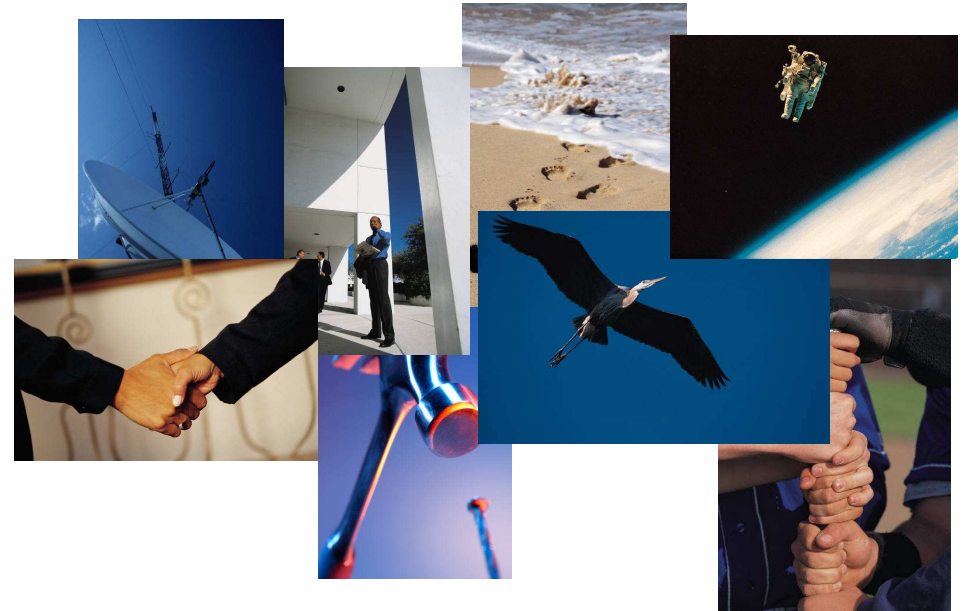
Computer-related jobs in the US: 2002 and 2012



Source: Bureau of Labor Statistics

S I M

Delivering Business Value
Through IT Leadership



Myth 2

There will be no IT
jobs when I graduate.

Reality

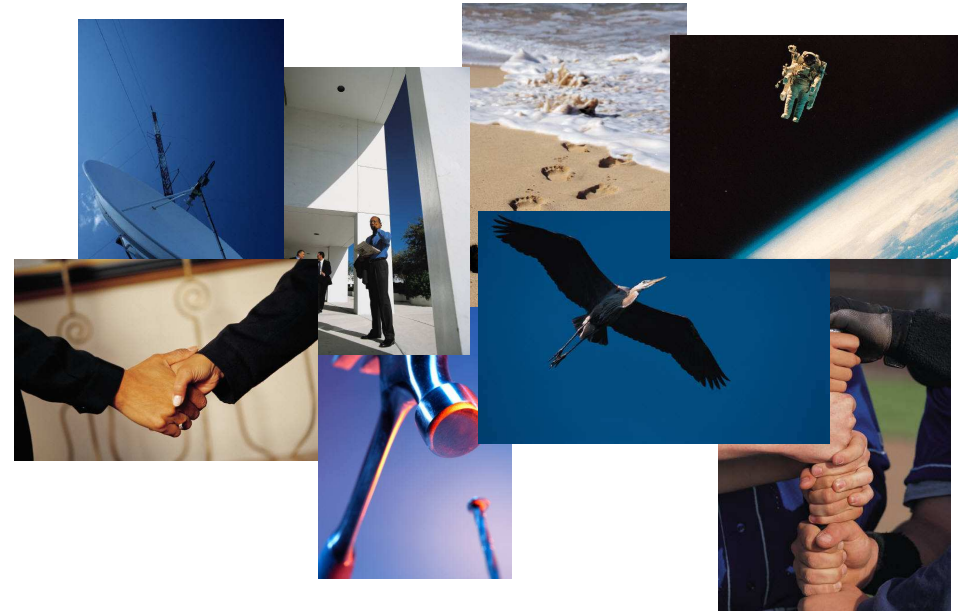
Job Type	Expected Growth through 2012
Computer Engineers	36%+
MIS/CIS/Info Sciences & Systems	36%+
Computer and Info Sys Mgrs	36%+
Technical Support Specialist	21-35%
Teaching (Preschool - 12)	21-35%
Management Consulting	21-35%
Human Resource Specialist	21-35%
Nursing (Reigstered Nurse)	21-35%
Computer Programmer	10-20%
Accounting (Private)	10-20%
Sociology*	10-20%
Political Science*	10-20%
Electrical Engineering	3-9%
Mechanical Engineering	3-9%
Chemcial Engineering	0-2%
Help Desk Support	N/A
Marketing	N/A

Four of the fastest growing occupations in the US between 2002 and 2012 for those with Bachelors Degrees will be IT-related.

(BLS Occupational Handbook, 2004-05).

S I M

Delivering Business Value
Through IT Leadership

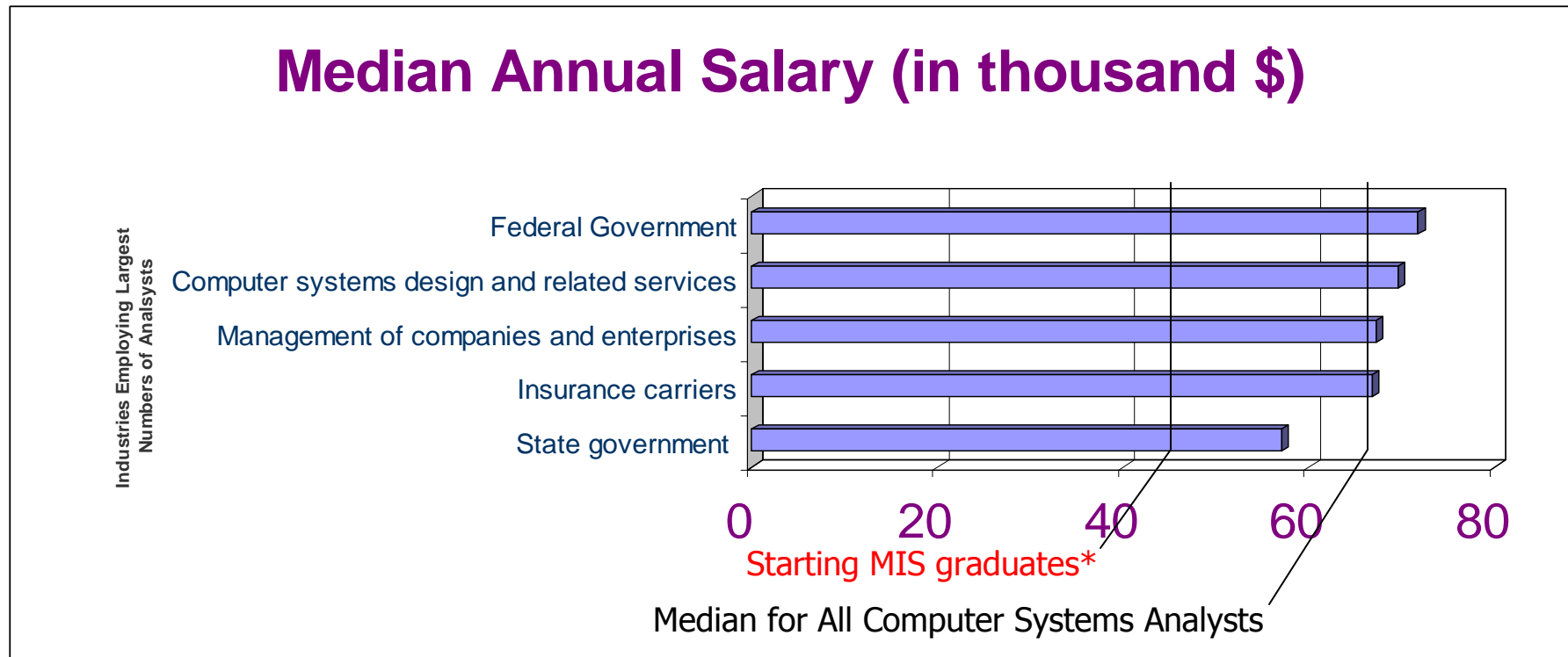


Myth 3

IT Salaries are low
due to cheaper
overseas labor.

Computer Systems Analysts Salaries

8



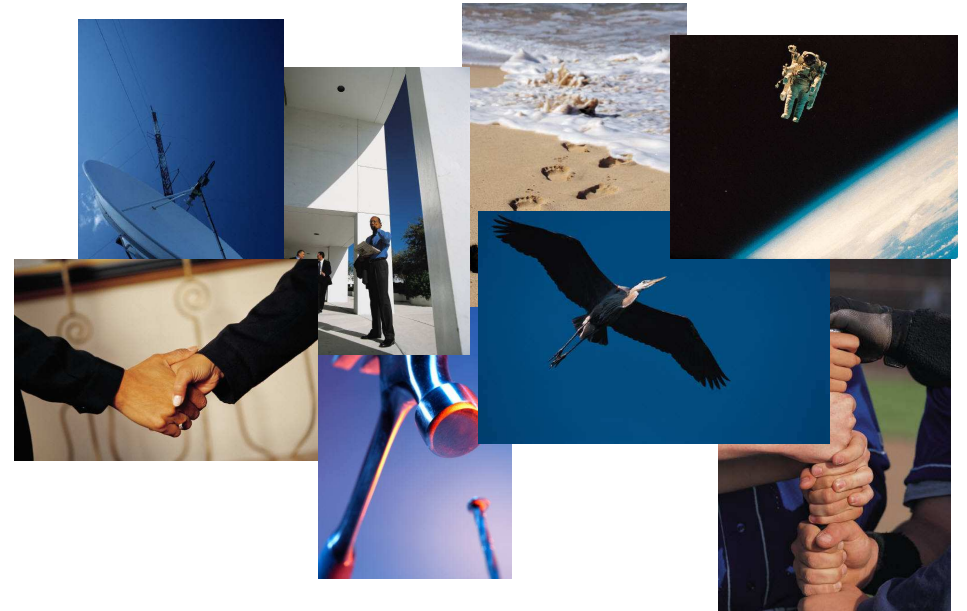
*According to the National Association of Colleges and Employers, starting offers for graduates in 2005 with a degree in management information systems was \$44,417.

Occupational Outlook Handbook, 2006-2007
U.S. Department of Labor, Bureau of Labor Statistics
<http://www.bls.gov/oco/ocos287.htm>
Retrieved October 18, 2007
Unless noted, data from May 2004

**The highest 10 percent of computer systems analysts earned more than \$99,180.

S I M

Delivering Business Value
Through IT Leadership

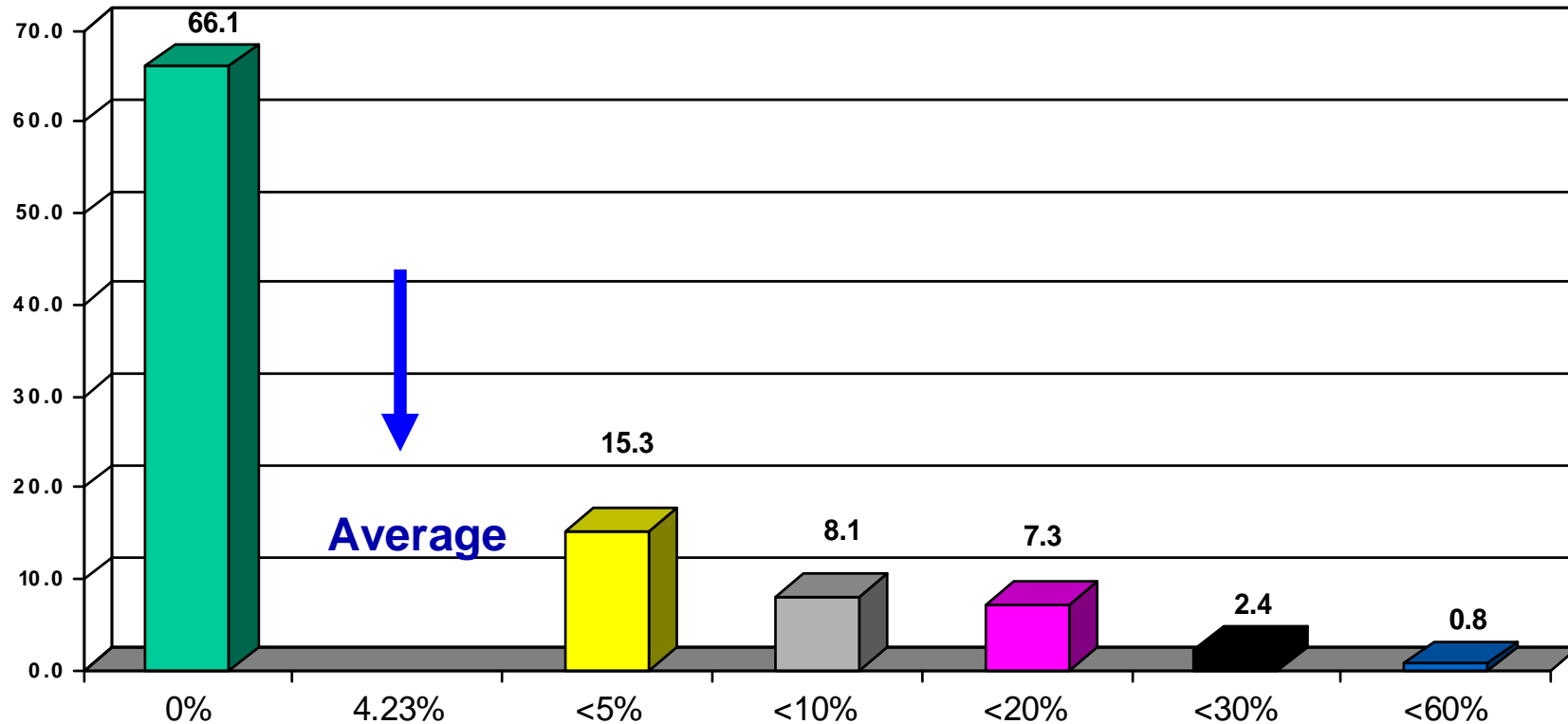


Myth 4

All IT-Related Jobs
Are Getting Sourced
Offshore.

Reality – The Flow of Funds

Percent of IT Budget Allocated For Offshore Outsourcing 2006



Multiple hidden costs

- **Initial Migration / Transition**
- **Layoffs**
- **Cultural Barriers**
- **Ramping-up Operations**
- **Managing the Contract and Relationship**
- **Loss of Control**
- **Intellectual Property Issues**

Security Issues

- **Theft of Intellectual Property**
- **Theft of Sensitive Data**
- **Background Checks**
- **Political Instability**
- **Terrorist Activities**

Some Jobs Will Go Overseas

12

- **Some basic jobs (e.g. some programming, help desk) may go overseas, but highly skilled jobs and jobs that relate to a company's core competencies or products will stay.**

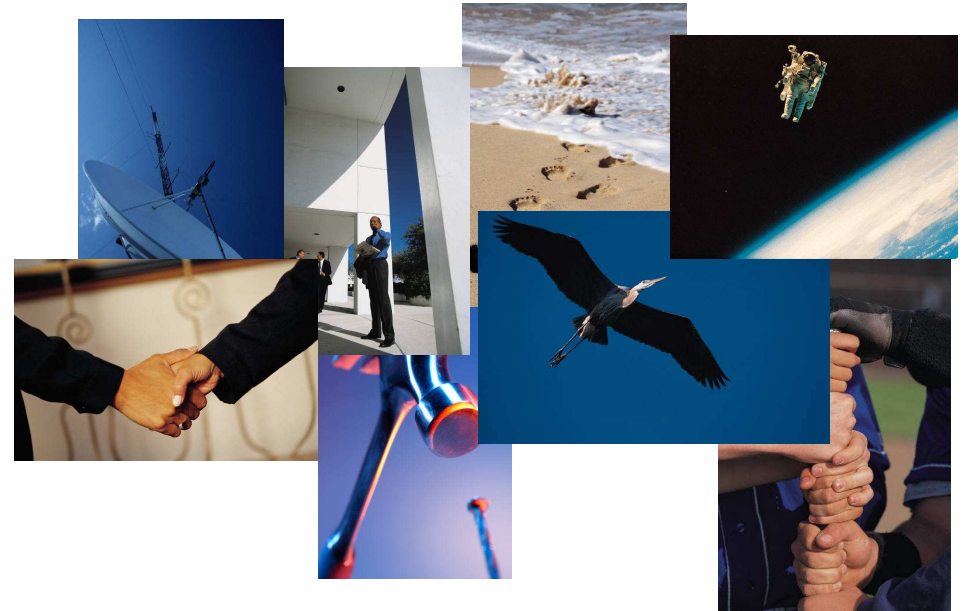
- **Jobs that require close contact with the business will also stay.**

- **The labor market in India is significantly tightening**
 - Salaries are rising (12-15%/yr)
 - Quality technology grads are in increasingly short supply
 - Turnover grows as an issue

(CIO Magazine)

S I M

Delivering Business Value
Through IT Leadership



Myth 5

IT-Related
Educational Degrees
are Worth Less

...Salaries May Go Even Higher

14

If current trends continue (i.e., decreased enrollment, significant job growth), there will soon be a shortfall of adequately skilled IT labor.

In addition, BLS data indicates that a minimum of 10% of existing US IT staffs who are baby-boomers will be retiring in the next 5-10 years.

Both will add to upward salary pressures.

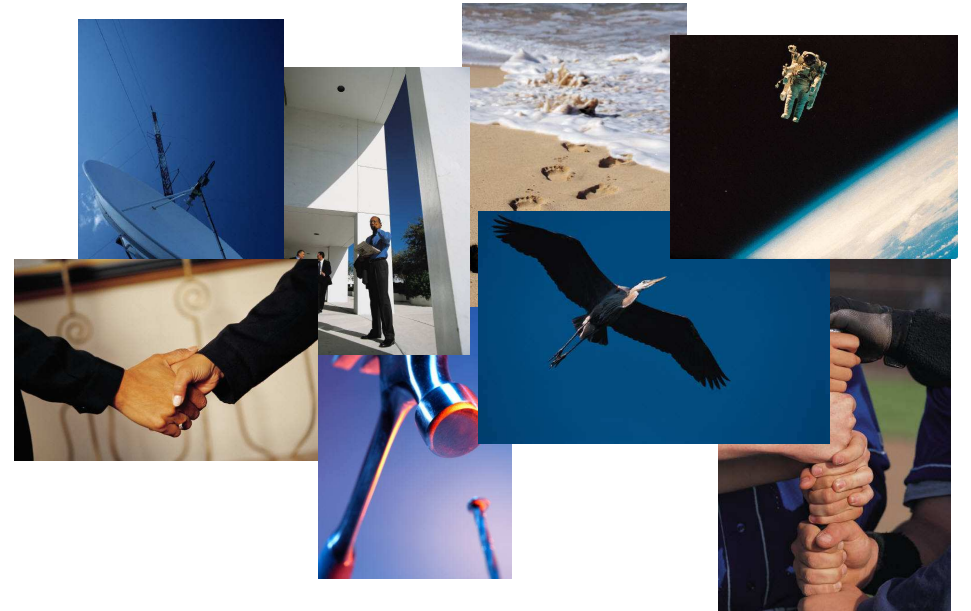
Employment of **computer and information systems managers** is expected to **grow faster than the average** for all occupations through the year 2014.

Opportunities for obtaining a management position will be best for those with computer-related work experience; an MBA with technology as a core component; or a management information systems degree; and strong communication and administrative skills.

www.BLS.GOV August 4, 2006

S I M

Delivering Business Value
Through IT Leadership



The Only Constant is Change

IT Job Profile

But the world is changing....

17

Information Technology will continue to play a key role.

Research, suggests, however, that new skills are being sought by the business community.

Those skills change the focus of the IT marketplace just a bit....for example:

Top 6 Application & Technology Developments 2006

18

1. **Web Services**
2. **Business Intelligence**
3. **Security Technologies**
4. **Business Process Management**
4. **Customer Portals**
6. **System Integration**

SIM 2006 Survey

Society for Information Management

SIM

Top 10 Important Skills Sought in Entry Level Employees 2006

19

1. **Communication**
2. **Functional Area Knowledge**
3. **Systems Analysis**
4. **User Relationship Management**
5. **Systems Design**
6. **IT Architecture/Standards**
7. **Managing Expectations**
8. **Industry Knowledge**
9. **Business Process Design/Re-engineering**
10. **Project Plan/Budget/Schedule**

SIM 2006 Survey

Society for Information Management

SIM

Summary points to leave you with

20

- ❑ IT vital to business profitability
- ❑ Fast pace of technological change keeps IT careers interesting
- ❑ Offshoring threat overstated
- ❑ Globalization of IT is an opportunity
- ❑ US IT worker demand will remain strong