

IMPACT OF THE COMPUTER ON MANKIND

Speech Presented by John L. Nelson



NELSON CONSULTING SPEAKERS BUREAU Speaker titles/topics include:

- Impact Of The Computer On Mankind
- Nexis – From Embryo To Icon Status - Reported by the founding father of Nexis
- Twelve Crucial Q & A's Fast Track – Buying, selling & merging mid-market companies
- How To Sell Or Merge Your Mid-Market Business For Top Dollar
- Nautilus Methodology – Buying, selling, investing & funding mid-market companies
- Spruce Up Your Business Before Offering It For Sale
- Business Valuations & Selling Multiples Made Simple
- Current State Of The Merger & Acquisition Markets

SPEAKER PROFILE Coinciding with the new Millennium, John L. Nelson formed Nelson Consulting, Inc., a Tampa, Florida Corporation with global reach. As a licensed business broker / agent & business intermediary Nelson Consulting offers merger, acquisition & investment banking services to mid-market business owners & qualified investors. With forty years experience in the information technology (IT) industry, thirty-five as a senior executive, John led a number of high-technology business ventures. Within the *Fortune 50* corporate culture, John headed up several business incubator projects; e.g., recognized as the *founding father of NEXIS* (of LEXIS / NEXIS fame). In the '80's & '90's, John led software consulting companies to international prominence & financial success. Career highlights include rapid revenue growth, high profit margins, domestic & international market expansion, merger, acquisition, private placement & initial public offering. Transaction closings exceed \$300M.



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PRESENTATION OUTLINE

LOOKING BACK

- BOMBE 1940
- COLOSSUS 1943
- ENIAC 1946
- Computers are in the college of business
- IBM 701, 704, 1620 & 360
- Business incubator projects - *FORTUNE 50*
- NEXIS – embryo to icon
- COMDEX, IMSA, Bill Gates & Paul Allen
- Moor's Law – computing doubles every 18 months
- Software consulting & outsourcing to India
- Y2K - end of the \$100M software consulting project
- The computer industry has matured – Larry Ellison
- The high-tech bubble burst

TODAY

- \$1K computer performs trillion calculations per second
- Computers imbedded in PDA's, clothing & jewelry
- Transactions occur between humans & virtual personalizes
- Advertising dollars stampeding to Internet
- Micro & Nano technologies
- Fractals
- Outsourcing everything
- My home is my castle

LOOKING AHEAD 10 YEARS

- \$1K computer computational equivalence of human brain
- Computers become invisible - embedded everywhere
- Virtual-reality displays become primary interface
- Real-time auditory & tactile environments enable people to do virtually anything with anybody – anywhere

LOOKING AHEAD 20 YEARS

- \$1K computer equivalent to one thousand human brains
- Direct neural connections enhance visual, auditory perception, interpretation, memory, & reasoning
- Instant neural recall of all available human & machine generated text books, literature & multimedia material

- People begin to have fulfilling relationships with virtual personalities as companions, teachers, caretakers & lovers
- Computers claim to be conscious & human

CRYSTAL BALL GAZING INTO OUR FUTURE

- Seamless merging of human thinking with computing intelligence
- No apparent distinction exists between humans & computers
- Most entities do not have a permanent physical presence
- Artificial intelligence is derived from models of human intelligence; resulting in computers claiming to be human
- Most intelligence networked through multiple databases located on thousands of *cloud computing* processing units
- The number of software enabled humans vastly exceeds those still using native neuron cell-based computation
- Even among intellectuals claiming to prefer *normal* carbon-based neuron thought, there is ubiquitous use of neural-implant technologies, providing enormous augmentation of human perceptual & cognitive abilities
- Humans who do not utilize such implants are unable to meaningfully participate in dialogues with those who do
- *Life expectancy* is no longer a viable term when used in the context of defining *intelligent beings*

FIVE QUESTIONS TO PONDER

The phrase *would you plug in* refers to computer augmentation, worn on your person or imbedded under your skin - invisible to others. When formulating your answers to the five questions, consider as your litmus test Sir Isaac Newton's Third Law -

For every action, there is an equal & opposite reaction.

- Q1. *Would you plug in* to gain instant recall of all the information ever produced in the world of knowledge?
- Q2. *Would you plug in* to experience exponential enhancements to your perceptual & cognitive abilities?
- Q3. *Would you plug in* to achieve great wealth & power as a captain of industry or government?
- Q4. *Would you plug in* to achieve a body & mind clinically capable of living forever?
- Q5. *Would you plug in* to achieve perpetual peace of mind & *eternal life*?

Q/A Time permitting - question & answers.