The Future of Cyber Security

Prof. Ravi Sandhu
Executive Director

February 2010

ravi.sandhu@utsa.edu
www.profsandhu.com
www.ics.utsa.edu
Good News, Bad News

- Cyber security profession will not disappear
- Cyber security will never be solved

Old technologies  New technologies

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<th>Old attacks</th>
<th>New attacks</th>
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Number 1 cyber-centric nation
Number 1 cyber-vulnerable nation

Productivity
Let’s build it
Cash out the benefits
Next generation can secure it

Security
Let’s not build it
Let’s bake in super-security to make it unusable/unaffordable
Let’s sell unproven solutions

There is a middle ground
We don’t know how to predictably find it
We need cyber to make the 21\textsuperscript{st} century another American century

- Net-centric military
- Intelligence
- Smart grid
- Electronic health records and healthcare
- Smart traffic control: air, roads
- etcetera

We need smarter cyber security to make this happen