

# CYBER SECURE INSTITUTE

SEPARATING SPIN FROM REALITY

## THE SPIN

**There is an endless stream of marketing claims about the security of the technologies we rely on:**

“TOTALLY SECURE NETWORK...”

“TRULY INTEGRATED SECURITY SYSTEM...”

“ROBUST SECURITY...”

“ADDED SECURITY FEATURES...”

“CYBER-SECURE SCADA...”

“IP LEVEL SECURITY ENHANCEMENTS...”

“SAFETY-CERTIFIED DISPLAYS...”

“TOTAL PROTECTION...”

“MOST TRUSTED AND SECURE SSL CERTIFICATES...”

“SECURE INTERNET BANKING...”

“THE PRESCRIPTION FOR FAST, SECURE HEALTHCARE NETWORKS...”

## THE FACT

Despite these claims:

- ▶ Every year cyber attacks cost the U.S. economy \$226 billion.
- ▶ Every three seconds someone's identify is stolen.
- ▶ Cyber attacks have penetrated the White House and the Pentagon, Fortune 500 companies, power grids, all the major operating systems, and even the President of France's bank accounts.

## THE REALITY

- ▶ The cyber threats we face—foreign enemies, corporate cyber-spies, disgruntled insiders, organized crime—are sophisticated, determined and extremely hostile.
- ▶ The technologies making these claims are inherently insecure.
- ▶ The National Security Agency has certified that these technologies can only be moderately trusted to protect against inadvertent and non-hostile attacks.
- ▶ The cyber threats we face today—foreign enemies, corporate cyber-spies, disgruntled insiders, organized crime—are sophisticated, determined and extremely hostile.



### The Cyber Secure Institute

Analysis and advocacy dedicated to: Raising awareness of cyber threats; Championing the deployment of Cyber Secure technologies; Advocating Cyber Secure standards, policies, laws and rules.

[www.cybersecureinstitute.org](http://www.cybersecureinstitute.org)