

ISA Initial Comments on Hathaway 60-Day Review -- a top 10 list of Cyber Principles

1. There needs to be a substantially increased emphasis on and investment in addressing our growing cyber security problems
2. The needed investments must be understood for what they are, critical infrastructure maintenance and security
3. Cyber Security is not, solely, an "IT" issue it is an enterprise wide risk management issue stretching from supply chains to human resource management, and must be addressed as such.
4. Government and industry must develop a fundamentally new relationship in addressing mutual cyber security issues.
5. The diversity of the internet places its security inescapably in the hands of the private sector.
6. The internet is inherently global and thus a sustained system of security must be able to transcend national borders.
7. We actually know a great deal about how to prevent and mitigate cyber threats. Independent research shows that the vast majority of cyber events (close to 90%) could be stopped by adhering to already identified good security practices.
8. Government's first role ought to be to use market incentives to motivate adhering to good security practices because these incentives can create maximum effect in a fast changing environment and across borders.
9. While regulation for consumer protection may be appropriate, attempting to address cyber infrastructure issues in the private sector through government mandates will be, with limited exceptions, ineffective and counter-productive both from a security and economic perspective.
10. We have a wide range of incentives which have been successfully used in other areas (e.g. procurement/insurance/liability protection/awards/and loans) which need to now be applied to cybersecurity.