



# Security in knowledge

## **NSTIC REPORT— PATH FROM CYBER-IDENTITY PUZZLE TO INTEROPERABLE ID ECOSYSTEM**

### **Panelists:**

**Jeremy Grant**

NSTIC National Program Office Director and Senior Executive Advisor, Identity Management, NIST (Dept. of Commerce)

**Bob Blakley**

Id Ecosystem Steering Group Plenary Chair and Director, Citigroup, Security Innovation

**James R. Elste**

Chair, Id Ecosystem Steering Group Privacy Coordination Committee and Principal, INOV8V CyberCQRT

**Peter Brown**

Id Ecosystem Steering Group Management Council; Chair, Communication and Outreach Committee; and Independent Consultant

**Brett McDowell**

Chair, Id Ecosystem Steering Group Management Council; Senior Manager, Paypal Ecosystem Security and Co-Founder of FIDO Alliance

### **Moderator:**

**Ben Wilson**

DigiCert, Inc.

Id Ecosystem Security Committee and Senior Vice President of Industry Relations and General Counsel



@IDESG @NSTICNPO

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Session Classification: General Interest

# NSTIC's FOUR GUIDING PRINCIPLES

## Identity solutions will be:

### ▶ **Privacy-enhancing and voluntary**

- ▶ Implement Fair Information Practice Principles
- ▶ Not a mandate

### ▶ **Secure and resilient**

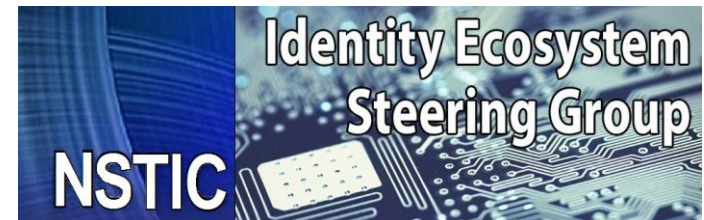
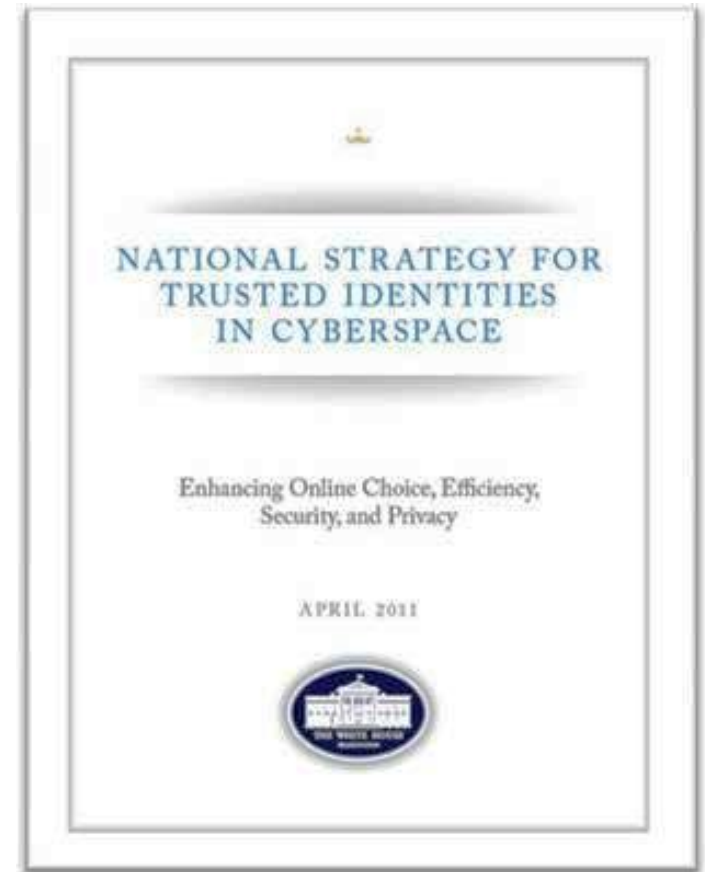
- ▶ Collaborative, open, and flexible
- ▶ Resistant to attack
- ▶ Easy to revoke and restore or replace

### ▶ **Interoperable**

- ▶ Credential diversity with technical and legal interoperability

### ▶ **Cost-effective and easy to use**

- ▶ Simple and intuitive with high ROI



**Jeremy Grant** <jeremy.grant@nist.gov>

NSTIC National Program Office Director and Senior  
Executive Advisor, Identity Management, NIST (Dept. of  
Commerce)

## **NSTIC's HISTORY**



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**Bob Blakley** <bob.blakley@citi.com>

IDESG Plenary Chair and

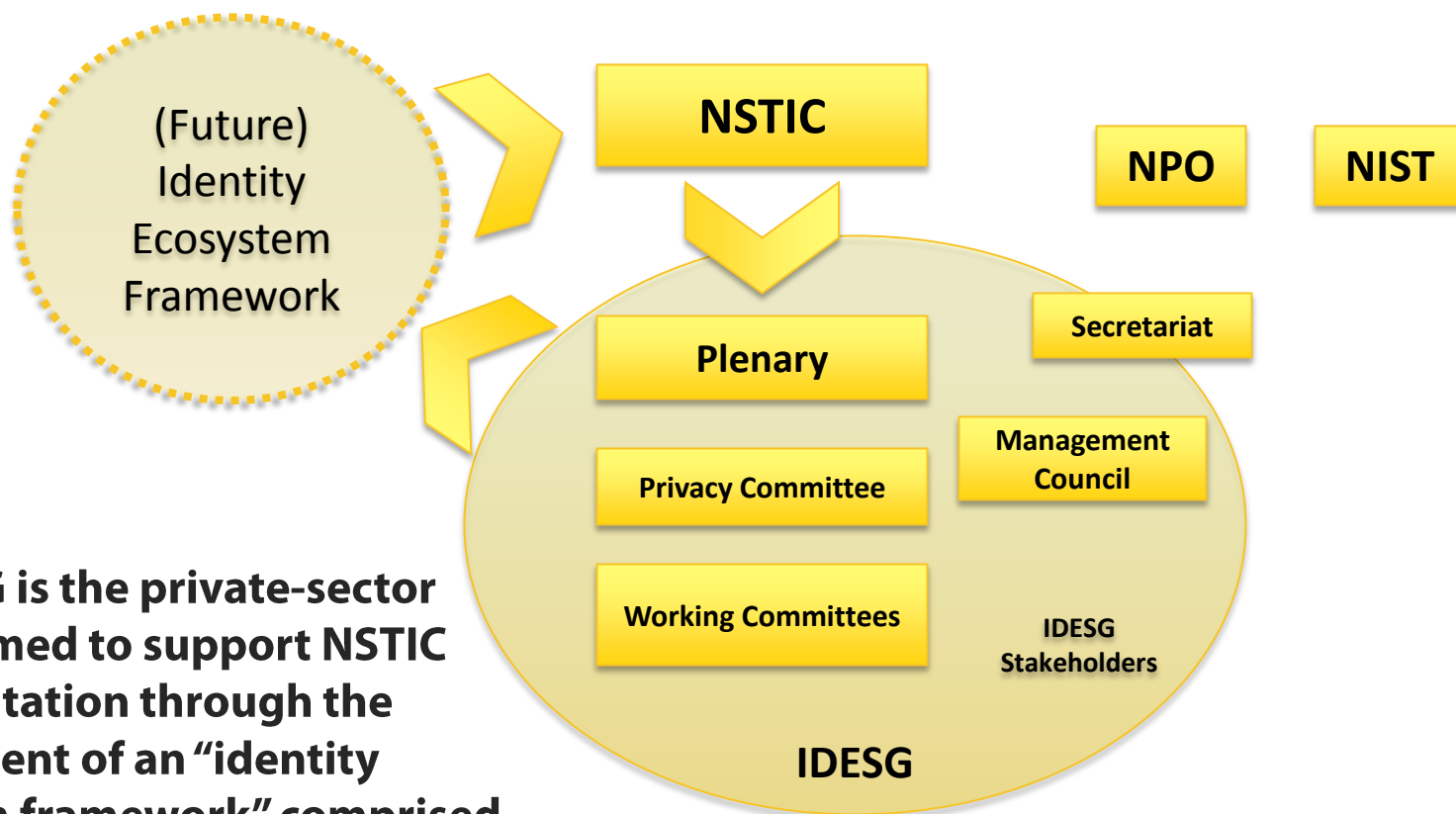
Director, Citigroup, Security Innovation

# The Identity Ecosystem Steering Group (IDESG)

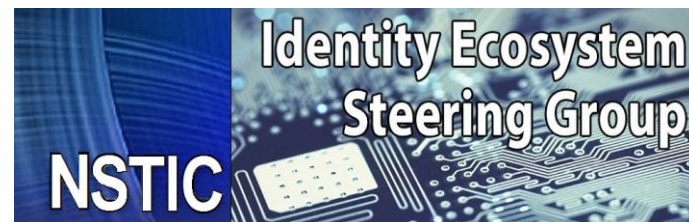


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# WHO'S WHO



**The IDESG is the private-sector entity formed to support NSTIC implementation through the development of an “identity ecosystem framework” comprised of standards and policies and supported by an accreditation process.**



**Brett McDowell** <bmcowell@paypal-inc.com >

IDESG Management Council Chair,

Senior Manager, Paypal Ecosystem Security and

Co-Founder of FIDO Alliance

# The Work on the Id Ecosystem



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**James R. Elste** <elste@cybercqrt.com>

IDESG Privacy Coordination Committee Chair,

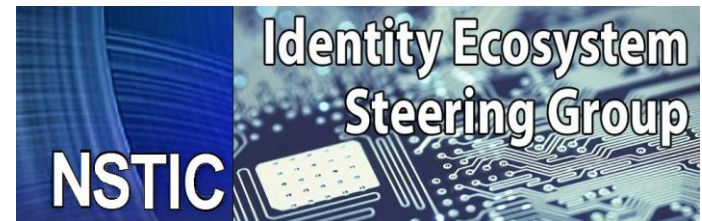
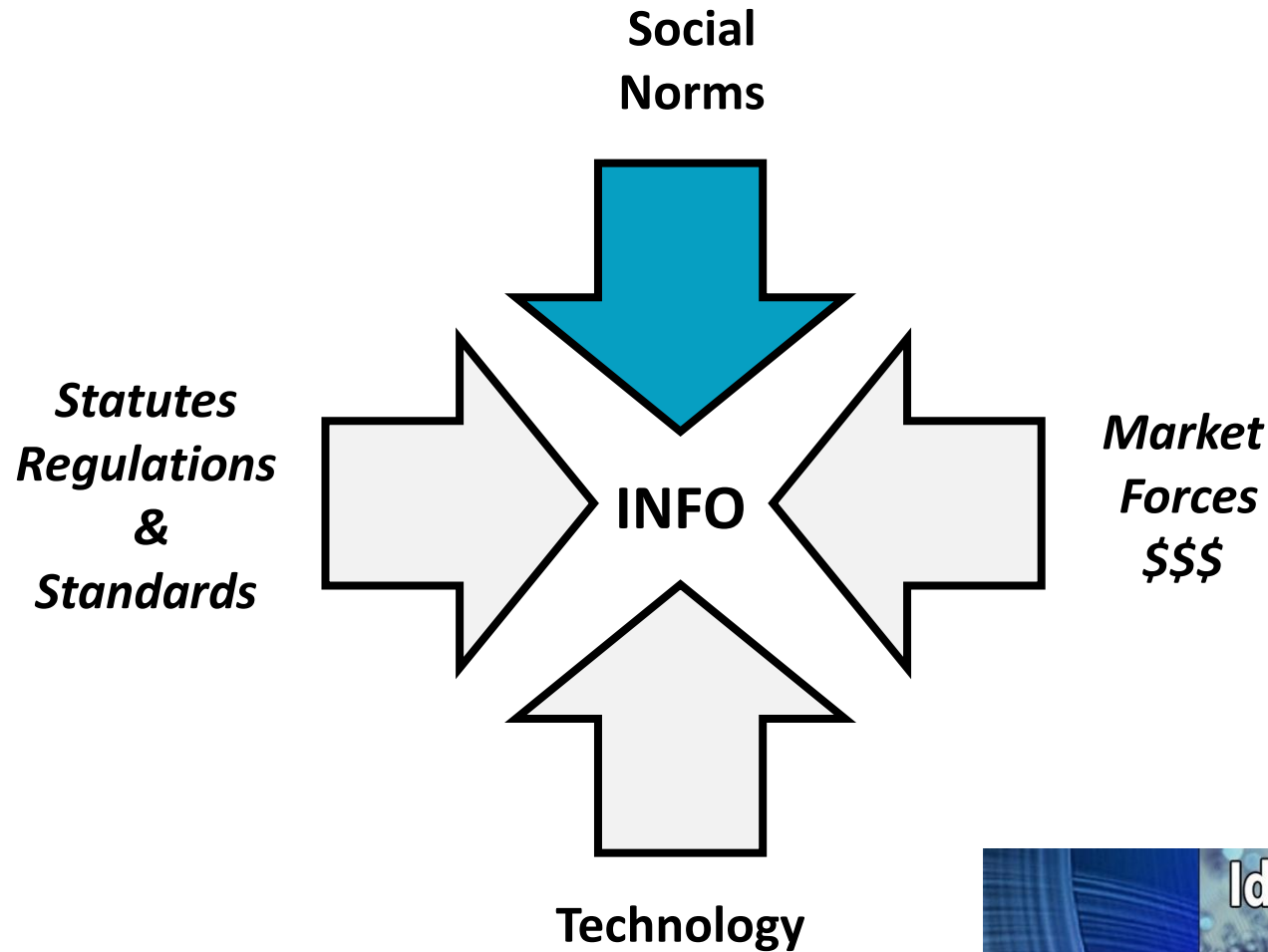
INOV8V CyberCQRT

# Privacy and the Id Ecosystem





# Lessig's "Code v2.0" Social System Forces





**Peter F. Brown** <peter@peterfbrown.com>  
IDESG Management Council Member;  
Chair, Communication and Outreach Committee;  
Independent Consultant

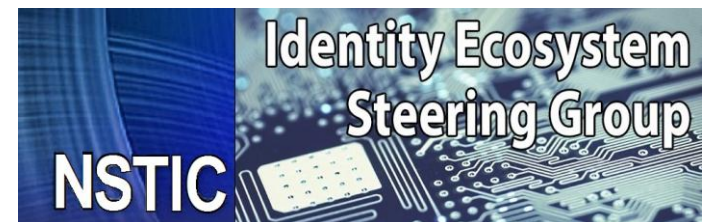
# **IDESG Outreach & Engagement**



# IdEcosystem Message After Today

- ▶ IdEcosystem is a paradigm shift - Not “business-as-usual”
  - ▶ It will be secure
  - ▶ It will protect privacy
  - ▶ It will address the major concerns of all stakeholder groups
- ▶ IdEcosystem - privacy-enhancing, technologically resilient, interoperable, easy-to-use, and cost-effective solutions
- ▶ ACTIVELY participate in the IdEcosystem Steering Group
- ▶ Start incorporating IdEcosystem into your business systems
- ▶ WANTED: Implementers, integrators, and relying parties

**<http://www.idecosystem.org/>**



# THANK YOU FOR YOUR ATTENTION

- ▶ <http://www.idecosystem.org>  
<http://nstic.blogs.govdelivery.com>

- ▶ Follow on Twitter: @IDESG and @NSTICNPO

