



Health IT Policy Committee Privacy and Security  
Tiger Team and the Health IT Standards  
Committee's Privacy and Security Workgroup



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- **Present Verizon experience and perspective on the implications of issuing physician credentials that can be accepted by multiple relying parties.**
- **Reference Verizon participation in NSTIC and its alignment to healthcare requirements.**
- **Demonstrate the application of NSTIC across Health Care.**
- **Discuss the implications of both NSTIC and revised NIST 800-63 guidance for levels of assurance.**
- **Discuss Verizon work in this area as the only approved Level 3 identity protection provider**



# Real World Credential Issuance Implications for Healthcare!

## Yale Medical Group

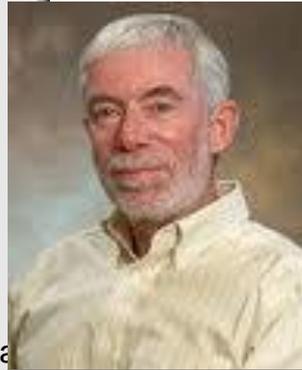
Associate Professor of Pediatrics  
(Hematology / Oncology)  
Pediatric Hematology-Oncology,

## Board Certifications

Certified 1990  
Recertified 2012  
Pediatrics, Board Certified, 1987

## Education and Training

**Fellow**, Long Island Jewish Hospital  
- Schneider Childrens Hospital,  
Hematology/Oncology, 1987  
**Resident**, Our Lady of Mercy  
Medical Center, Pediatrics, 1985  
**M.D.**, Universite di Genoa, 1982  
**B.A.**, Holy Cross College, 1975



Dr. Joseph M.  
McNamara MD



Q. Evans  
Patient

## 2004 Diagnosis

Acute Myelogenous Leukemia

## Hospitals

Yale  
Dana Farber

## Procedures

Chemotherapy  
Full Body Radiation  
Bone Marrow Transplant  
(Sister)

## 2012 Prognosis

Healthy 12 year old boy

## Credential Issuance Challenges

Enrollment

ID Proofing

Attribute Verification

Credential Issuance

Authentication

Trust Interoperability

Digital Signatures

Applications

Compliance

Complexity

Delegation

eRecords



# Verizon Universal Identity Services (UIS) High Assurance, Simple Identity Credentialing

## Verizon Universal Identity Services Platform



### Identity Issuance Services

- ID proofing
- Credential issuance
- Mobile application
- User support



### Verizon Identity Broker

- Authentication gateway
- Risk-based authentication
- Directory services



Enterprise  
SMB-Fortune 500



Healthcare



Governments  
State and Local



Consumer  
Centric

**Verizon's Universal Identity Services (UIS) are ICAM-certified under the Kantara Trust Framework as an identity provider for LOA 1, 2 and 3 credentials.**

**Called for in President's Cyberspace Policy Review (May 2009):  
a "cybersecurity focused identity management vision and strategy"**

### **Guiding Principles**

- Privacy-Enhancing and Voluntary
- Secure and Resilient
- Interoperable
- Cost-Effective and Easy To Use

**NSTIC calls for an Identity Ecosystem,  
"an online environment where individuals  
and organizations will be able to trust each other  
because they follow agreed upon standards to obtain  
and authenticate their digital identities."**





# NSTIC: Consumer Bill of Rights Applicable to Healthcare

1. **Individual Control:** Consumers have a right to exercise control over what personal data companies collect from them and how they use it.
2. **Transparency:** Consumers have a right to easily understandable and accessible information about privacy and security practices.
3. **Respect for Context:** Consumers have a right to expect that companies will collect, use, and disclose personal data in ways that are consistent with the context in which consumers provide the data.
4. **Security:** Consumers have a right to secure and responsible handling of personal data.
5. **Access and Accuracy:** Consumers have a right to access and correct personal data in usable formats, in a manner that is appropriate to the sensitivity of the data and the risk of adverse consequences to consumers if the data is inaccurate.
6. **Focused Collection:** Consumers have a right to reasonable limits on the personal data that companies collect and retain.
7. **Accountability:** Consumers have a right to have personal data handled by companies with appropriate measures in place to assure they adhere to the Consumer Privacy Bill of Rights

**Thank you**



**Questions and Discussion**



**For more information email:**

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# Verizon Communications

## Not just another Telco

### Wireless

100.1M total connections

America's largest and most reliable wireless network

Launched next-generation, 4G high-speed broadband wireless network in 2010

Broadband access in 264 U.S. major metropolitan areas

Highest customer loyalty for U.S. wireless providers

### Residential

Largest 100% fiber-optic network in the U.S.

Transforming the telecom franchise into a broadband and entertainment business

~4M FiOS Internet subscribers and 3.0M FiOS TV subscribers

### Business

Enterprise and government customers worldwide include 98% of Fortune 500

One of the world's largest wholly owned, facilities-based global networks

Manage 300K+ servers, routers, devices

Leading provider of managed information security services

25+identity programs for governments around the world

Identity infrastructure FICAM Certified

Manage the SAFE BioPharma Infrastructure