



# National Strategy for Trusted Identities in Cyberspace (NSTIC)

*Pilot Grant Program*

and the

## State of Nevada Identities for Gaming Online (IdGO) Program



*Proposal*

An Overview for the Gaming Policy Committee

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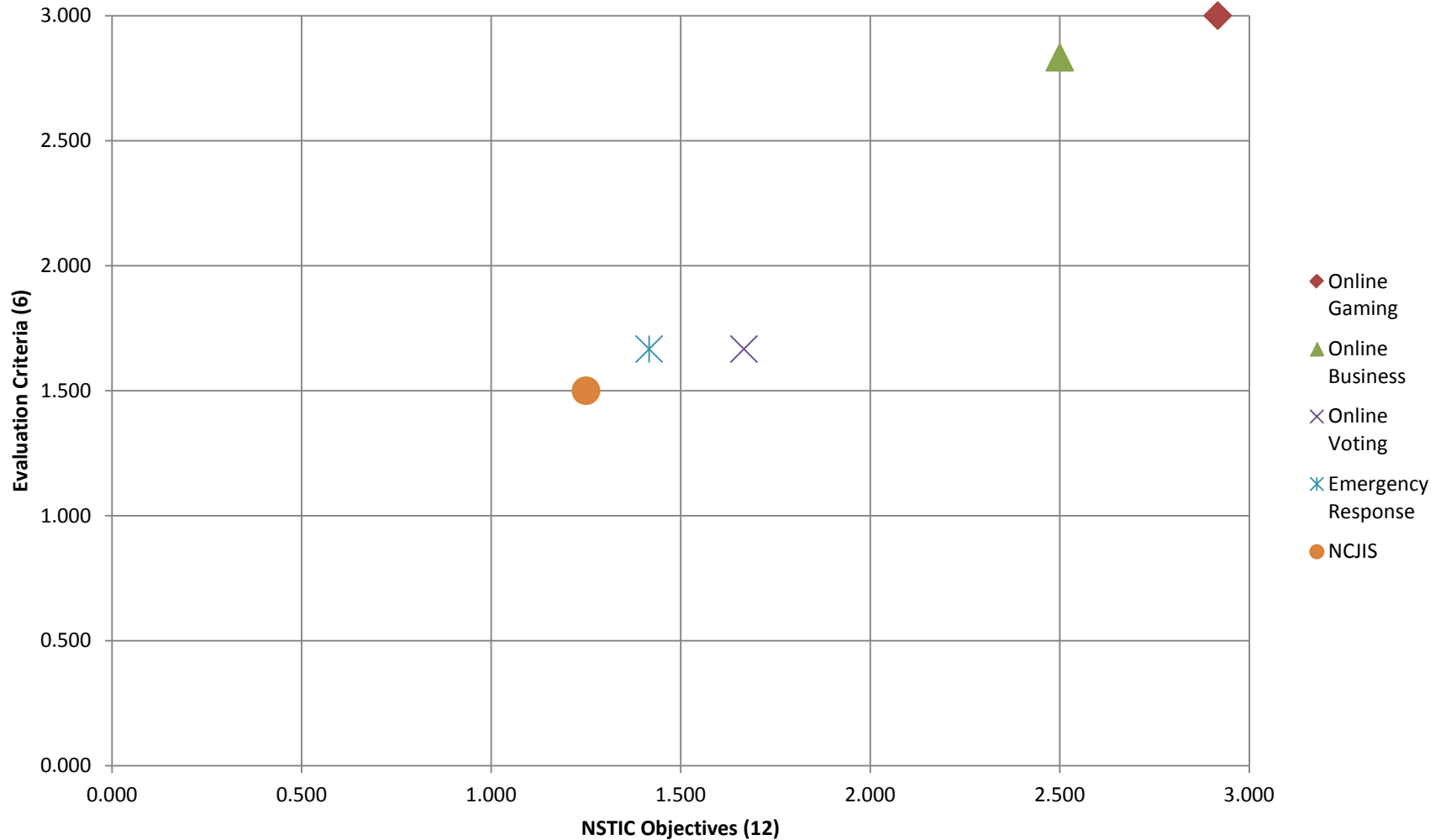
## ***EXPERIENCE***

- Former **Director, Security Strategy & Programs**, Symantec Corporation
- Former **Director, IS Security & Internal Controls**, International Game Technology
- Former **Chief Information Security Officer**, State of Nevada
- Information Security Consulting Background
  - I.B.M., Security & Privacy Services
  - Ernst & Young, LLP, Information Security Services
  - Independent Security Consultant

## ***EDUCATION***

- BS in Business Administration, University of Texas at Dallas
- MS in Information Assurance, Norwich University
- Certified Information Systems Security Professional (**CISSP**)
- Certified Information Security Manager (**CISM**)
- Certified in the Governance of Enterprise Information Technology (**CGEIT**)

# Opportunity Analysis



# Identity Management Marketplace Barriers

The identity solutions marketplace has struggled, in part, due to a number of barriers that market forces alone have been unable to overcome. These barriers include, but are not limited to:

- A lack of commonly accepted technical standards to ensure interoperability among different authentication solutions.
- No clarity on liability and other complex economic issues (i.e., “who is liable if something goes wrong in a transaction?” “How – if at all – should transactions be monetized?”)
- No common standards for privacy protections and data re-use.
- Challenges with usability of some strong authentication technologies.

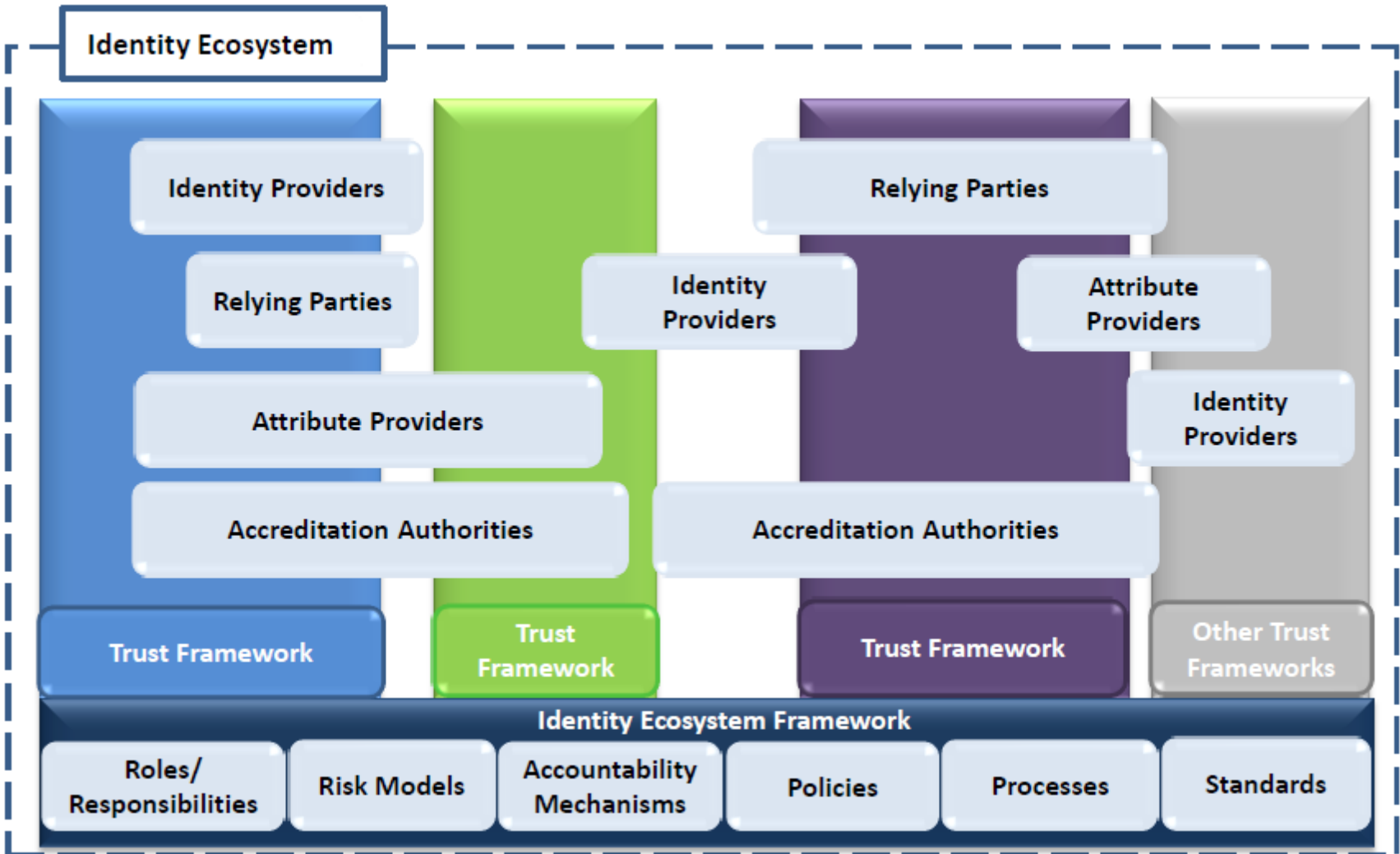
# NSTIC Guiding Principles

NIST will fund pilot projects that are intended to test or demonstrate new solutions, models or frameworks that do not exist in the marketplace today.

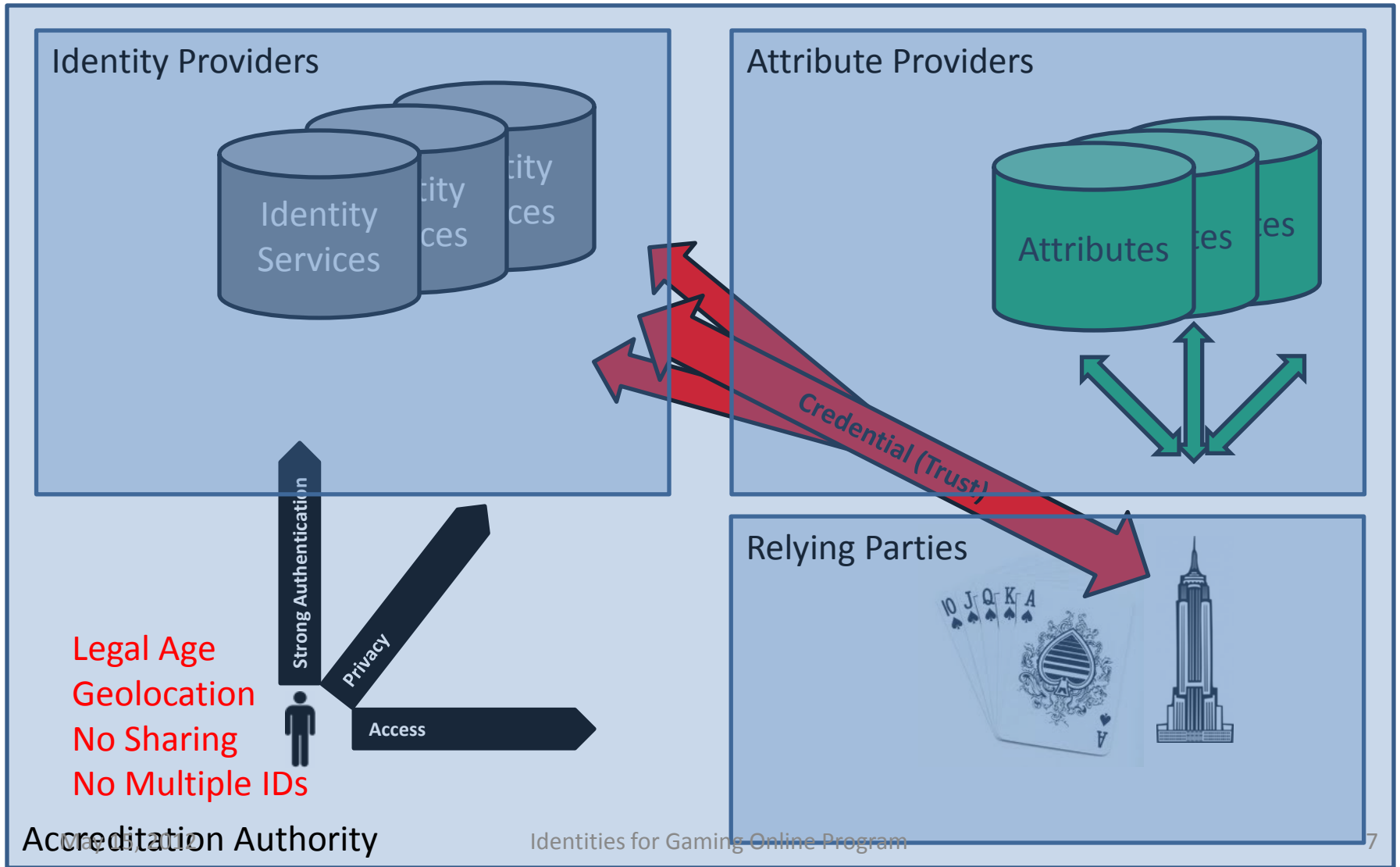
NSTIC specifies four guiding principles to which the Identity Ecosystem must adhere:

1. Privacy-enhancing and Voluntary
2. Secure and Resilient
3. Interoperable
4. Cost-effective and Easy-to-use

# NSTIC Identity Ecosystem Model



# High-level Framework



## IdGO Program Vision

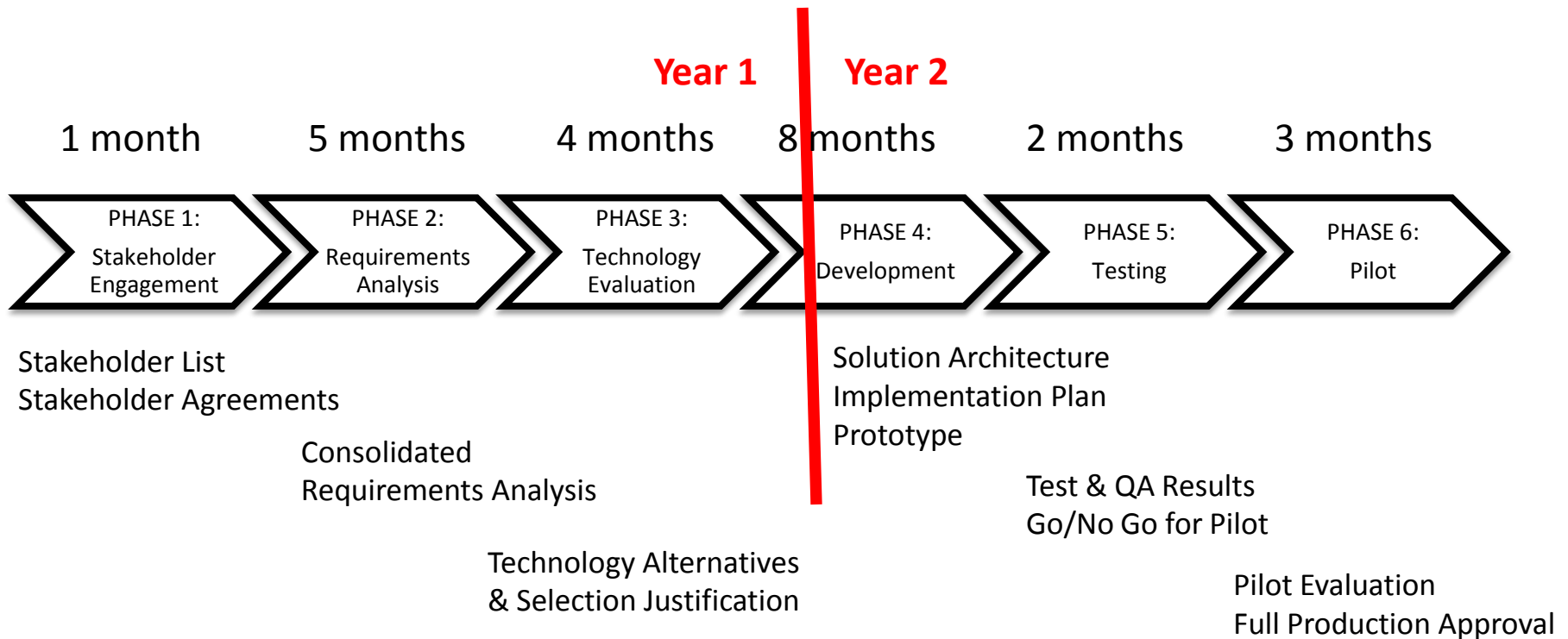
The vision for the IdGO program is to create a fully functional trust framework to support the online gaming environment by engaging in the program of work that will develop and pilot a solution in a production online gaming environment within the two-year period of the NSTIC pilot grant.



# IdGO Program Objectives

- Engage the full spectrum of stakeholders necessary to support the complete trust framework including, casinos, online gaming service providers, gaming systems manufacturers, technology solution providers, the Nevada Gaming Control Board/Nevada Gaming Commission, and other relevant State of Nevada participants.
- Develop detailed requirements and specifications for all aspects of the fully functional trust framework. Requirements will encompass both technology and process dimensions to address policies and standards, privacy practices, legal issues, and operational procedures, along with technical functionality and interoperability.
- Finally, the program will engage in the necessary development activities to create a working prototype of the pilot solution, subject that prototype to extensive testing and quality assurance, and deploy the pilot solution in a production online gaming environment.

# Project Phases



# Questions?

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