Increase trust through conformity assessment and standards

EIC 2017, May 11, 2017

Andrew Hughes, CISM CISSP

Leadership Council Chair, Kantara Initiative

EVIDENCE-BASED TRUST

If people like you, they'll listen to you, but if they trust you, they'll do business with you.
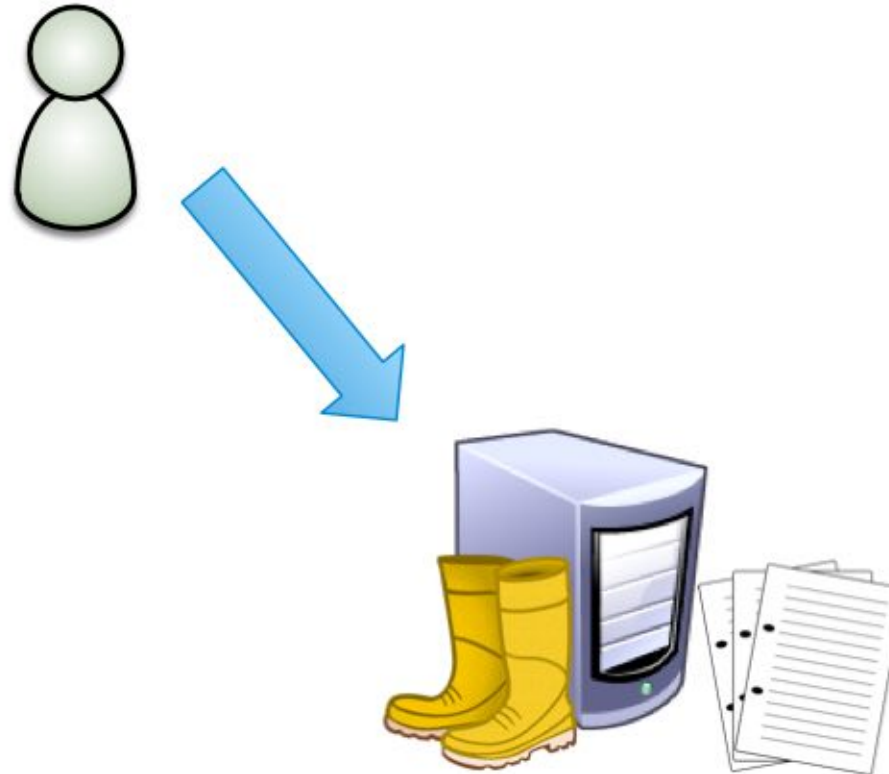— Zig Ziglar

https://www.brainyquote.com/quotes/quotes/z/zigziglar617767.html

Trust is a great force multiplier.
— Tom Ridge

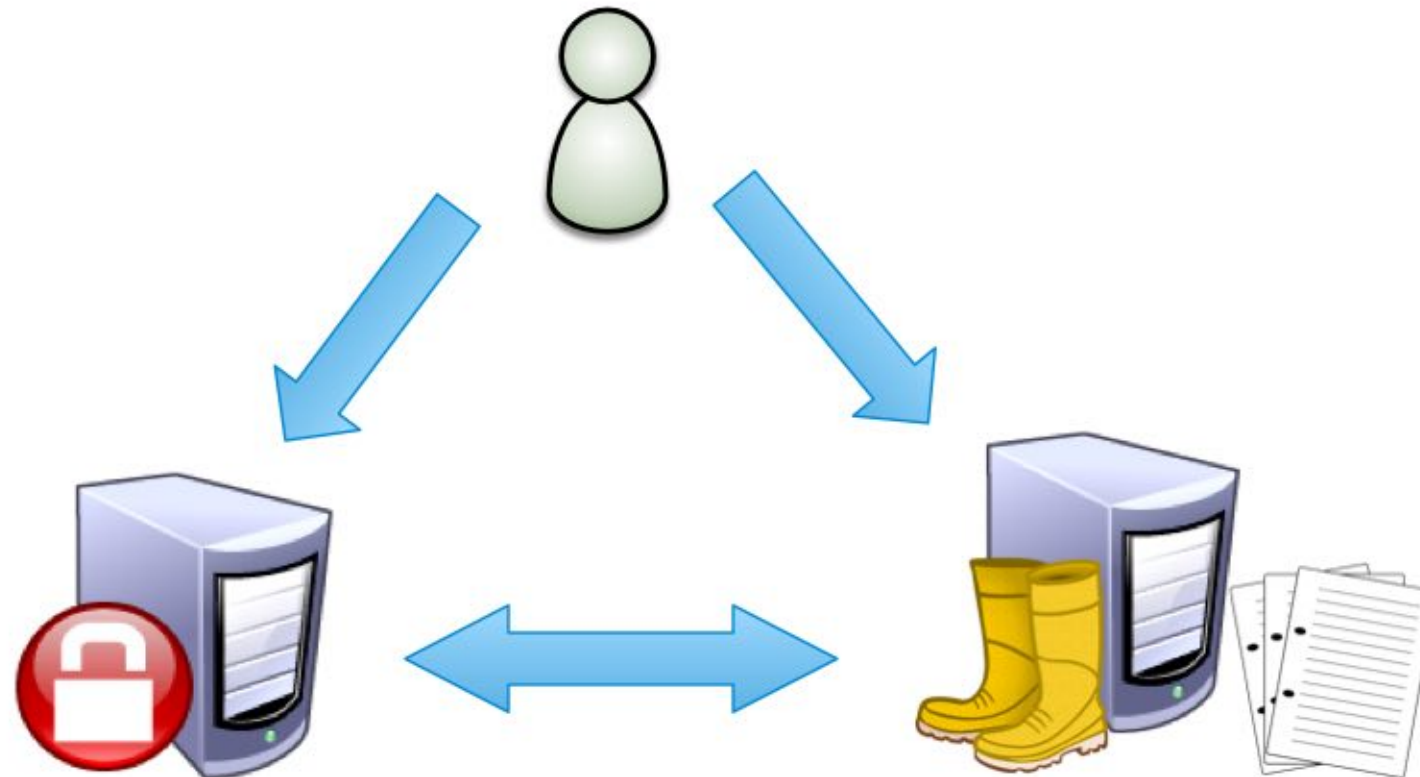https://www.brainyquote.com/quotes/quotes/t/tomridge195743.html
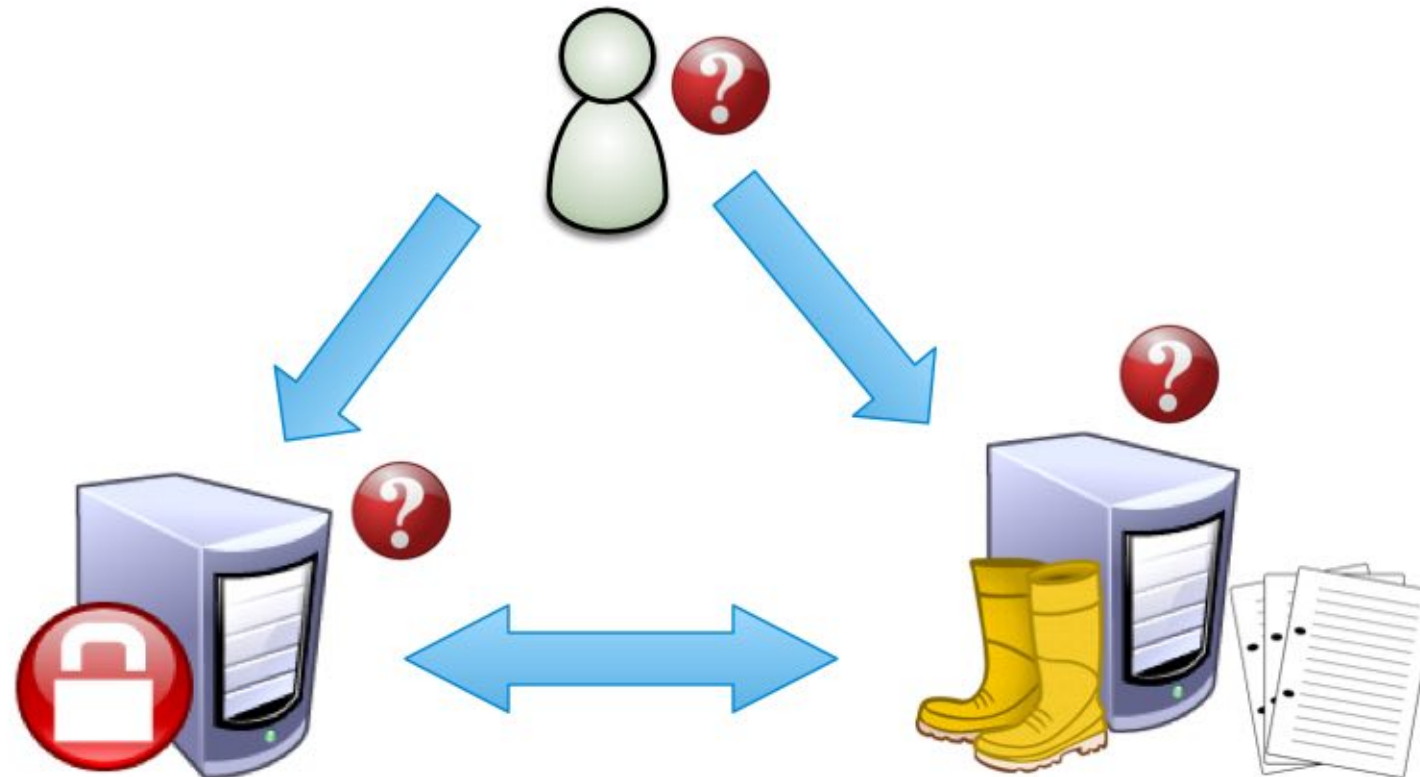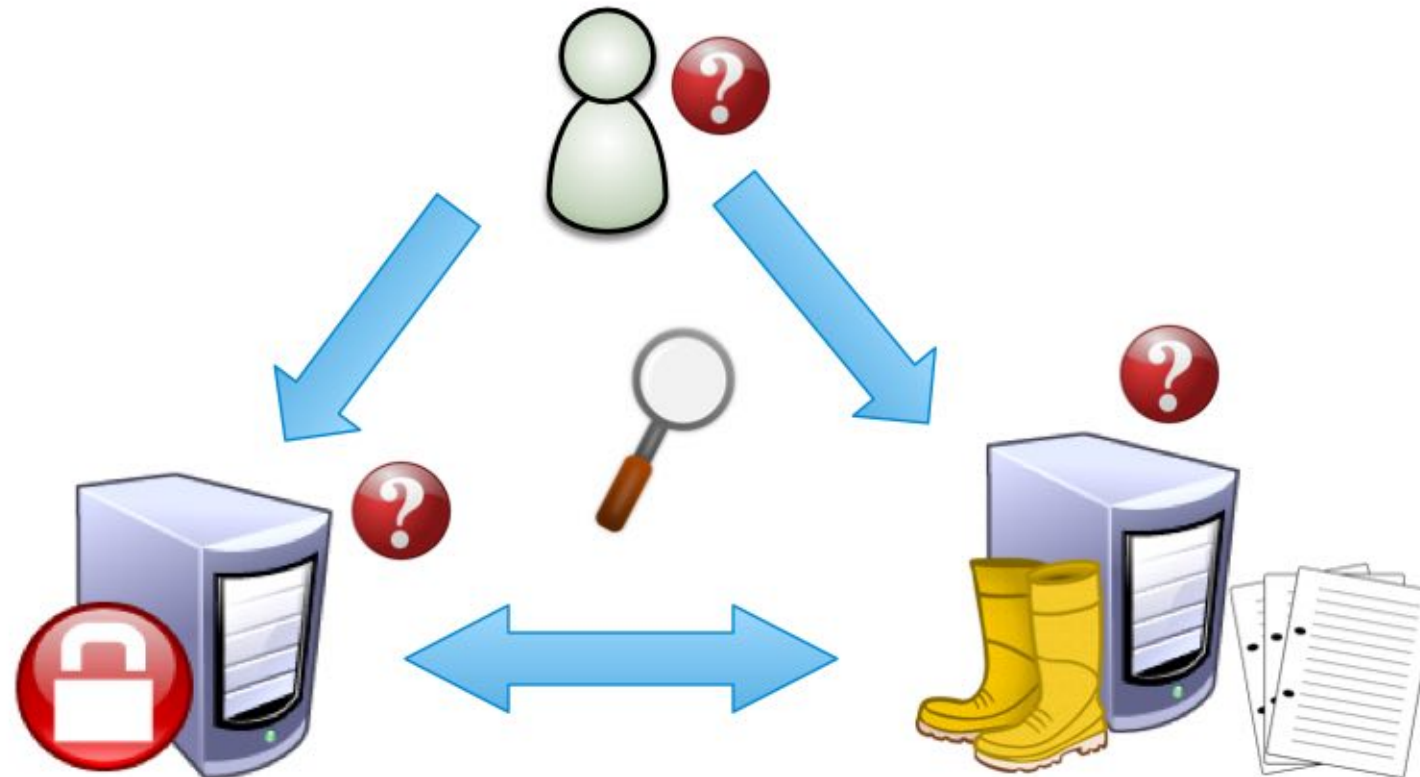
SCENARIO – SHOEME.COM

SCENARIO – SHOEME.COM

Scenario – ShoeMe.com

SCENARIO – SHOEME.COM

STANDARDS AND EXPECTATIONS

There's a difference between expectations and aspirations.
— Alex Kapranos

https://www.brainyquote.com/quotes/quotes/a/alexkapran430189.html

10 BENEFITS OF OPEN STANDARDS

- Address Market Needs

- Reduce Costs

- Drive Interoperability and Scalability

- Encourage Market Competition

- Leverage Expert Knowledge

FIT FOR PURPOSE

[Standards] provide requirements, specifications, guidelines or characteristics that can be used consistently to ensure that […] processes and services are **fit for their purpose**.
— www.iso.org

CONFORMITY ASSESSMENT

- Conformity assessment involves a set of processes that show your product, service or system meets the requirements of a standard.

- Undergoing the conformity assessment process has a number of benefits:
  - It provides consumers and other stakeholders with added confidence.
  - It gives your company a competitive edge.
  - It helps regulators ensure that health, safety or environmental conditions are met.

STANDARDS DEVELOPMENT

The nicest thing about standards is that there are
so many of them to choose from.
— Ken Olsen

https://www.brainyquote.com/quotes/quotes/k/kenolsen184014.html

OPEN STANDARDS

- Cooperation

- Adherence to Principles

- Collective Empowerment

- Availability

- Voluntary Adoption

5 CORE PRINCIPLES
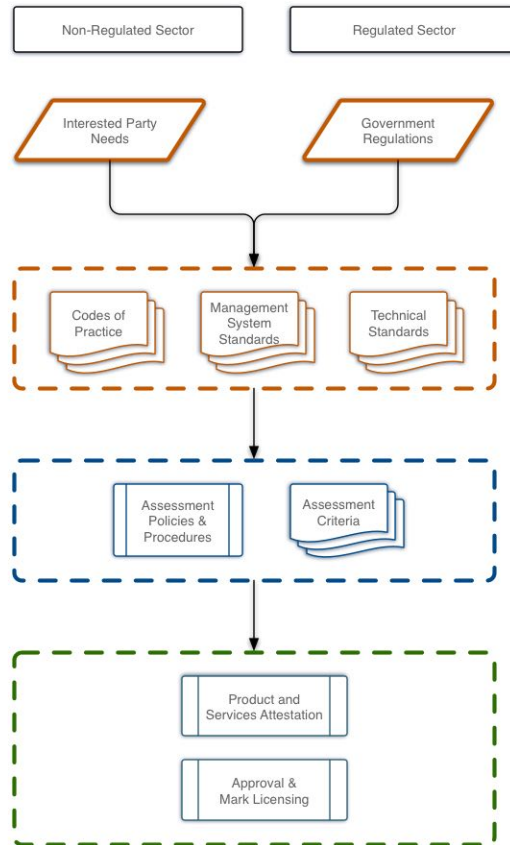### FOR OPEN STANDARDS DEVELOPMENT
www.open-stand.org/principles

1 Respectful Cooperation Between Standards Organizations

Whereby each respects the autonomy, integrity, processes and intellectual property rules of the others

2 Adherence to the Fundamental Parameters of Standards Development

Including due process, broad consensus, transparency, balance and universal openness

3 Collective Empowerment to Strive to Develop Standards that are Chosen and Defined Based on Technical Merit

- As judged by the contributed expertise of an open and global experts community
- Provide global interoperability, scalability, stability and resiliency
- Enable global competition
- Serve as building blocks for further innovation
- Contribute to the creation of benefit for humanity

4 Availability of Standards Specifications

- Made globally accessible to all for implementation and deployment
- Defined procedures to develop specifications that can be implemented under fair terms
- Ensuring a broad affordability of the outcome of the standardization process (opennes of input and output)

5 Voluntary Adoption by the Standards Market

The success of a standard is determined by the market

open stand

BECOME AN ADVOCATE FOR OPEN DEVELOPMENT AT WWW.OPEN-STAND.ORG

kantara INITIATIVE™

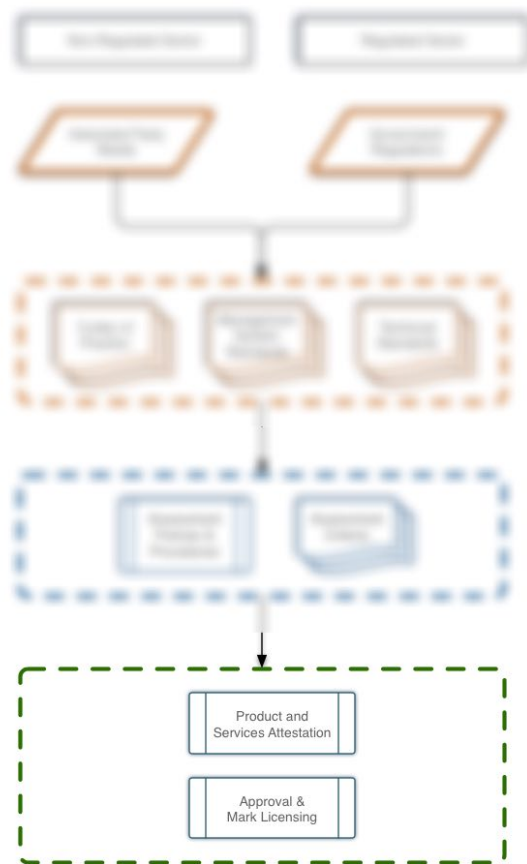# A System of Conformity Assessment

A SYSTEM OF CONFORMITY ASSESSMENT
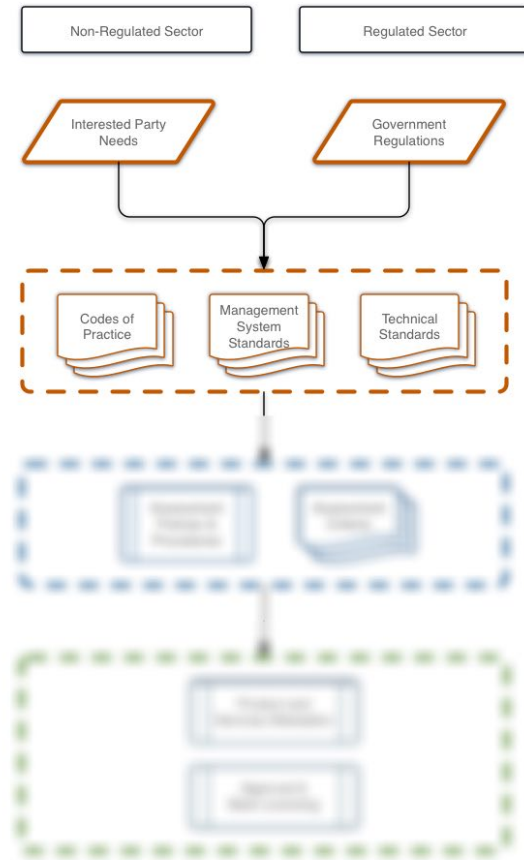
- Interested Parties in a Regulated Sector or Voluntary Sector
  - Development of Codes of Practice, Management System Standards, Technical Standards that represent the requirements for "Fitness for Purpose"
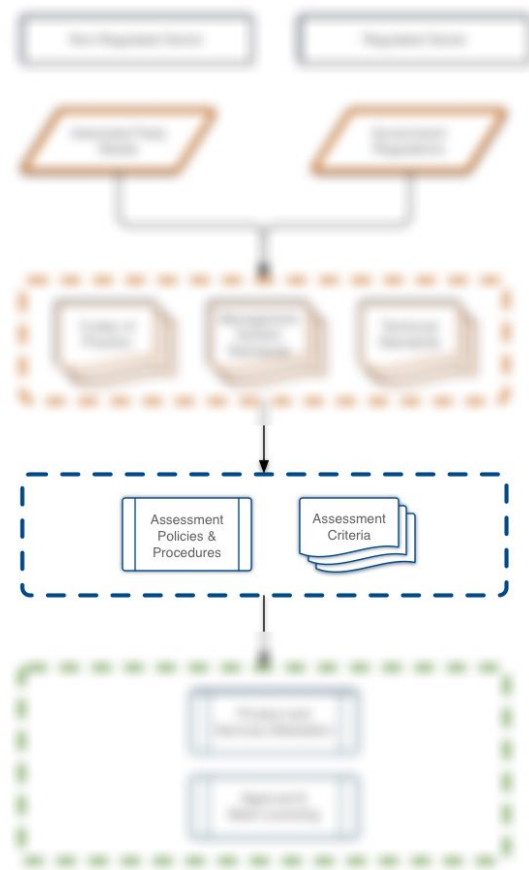
A SYSTEM OF CONFORMITY ASSESSMENT

Conformity Assessment Body
- Uses competent assessors
- May permit 1st party assessments
- Receives Statement of Conformity attestation
- Makes decision on conformity
- Licenses trust mark

# A System of Conformity Assessment

- Conformity Assessment Scheme Owner
  - Creates assessment criteria
  - Defines the rules for assessments
    - Qualifications to be deemed competent to assess
    - Frequency of assessment, nature of assessment
    - Evaluation rules
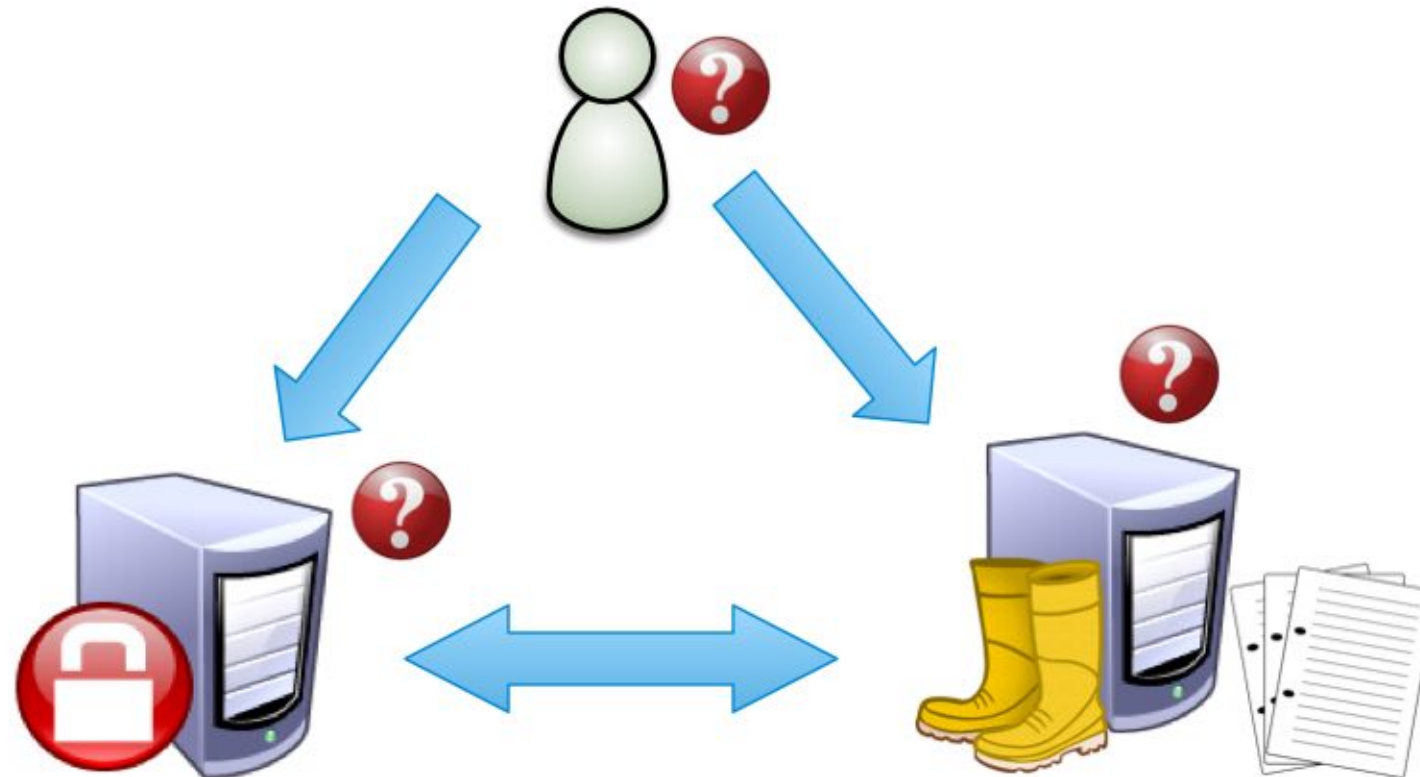   - Process to apply for assessment and licensing

ASSESSING FOR CONFORMITY

- 1st Party, 2nd Party, 3rd Party Assessment
- Conformity Assessment Scheme
- Competency of Assessors
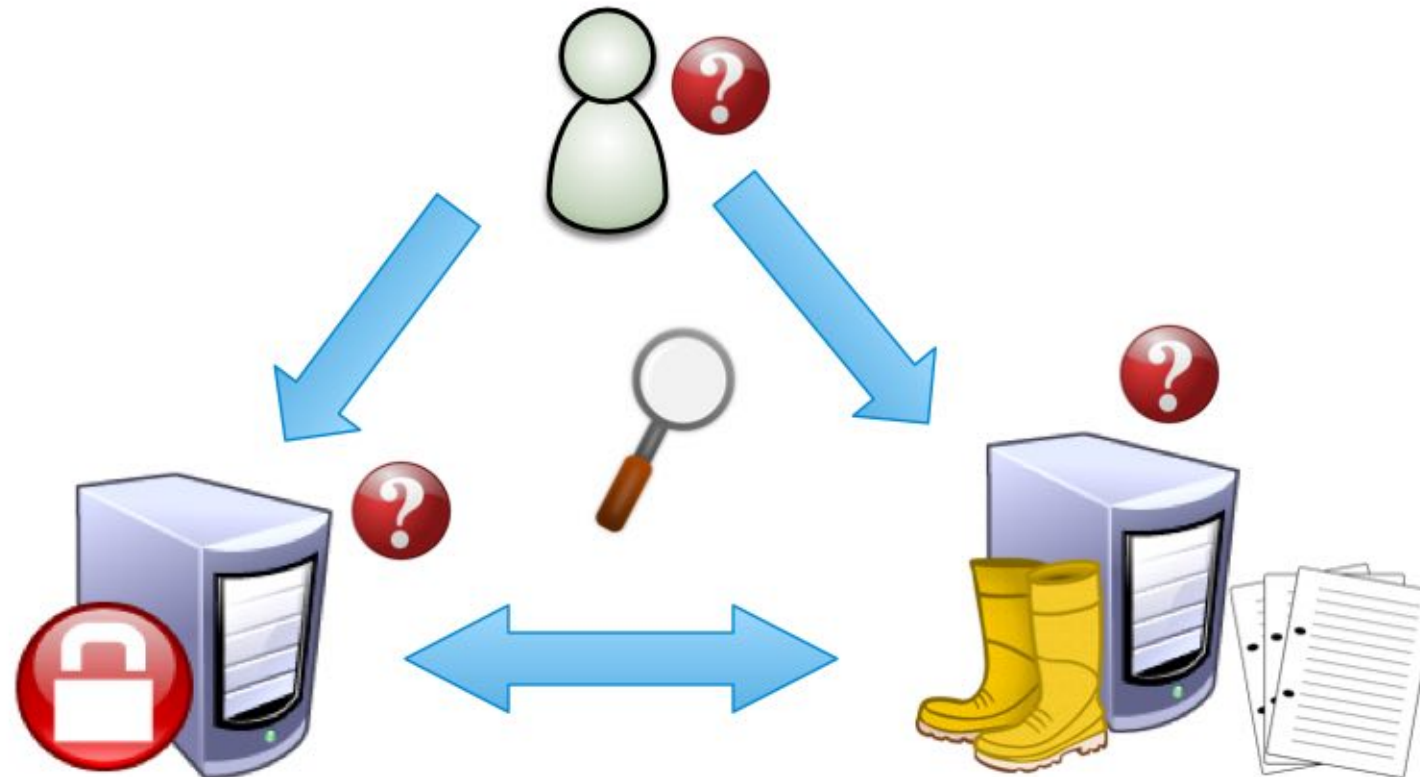- Statement of Conformity
- Trust Mark Licensing

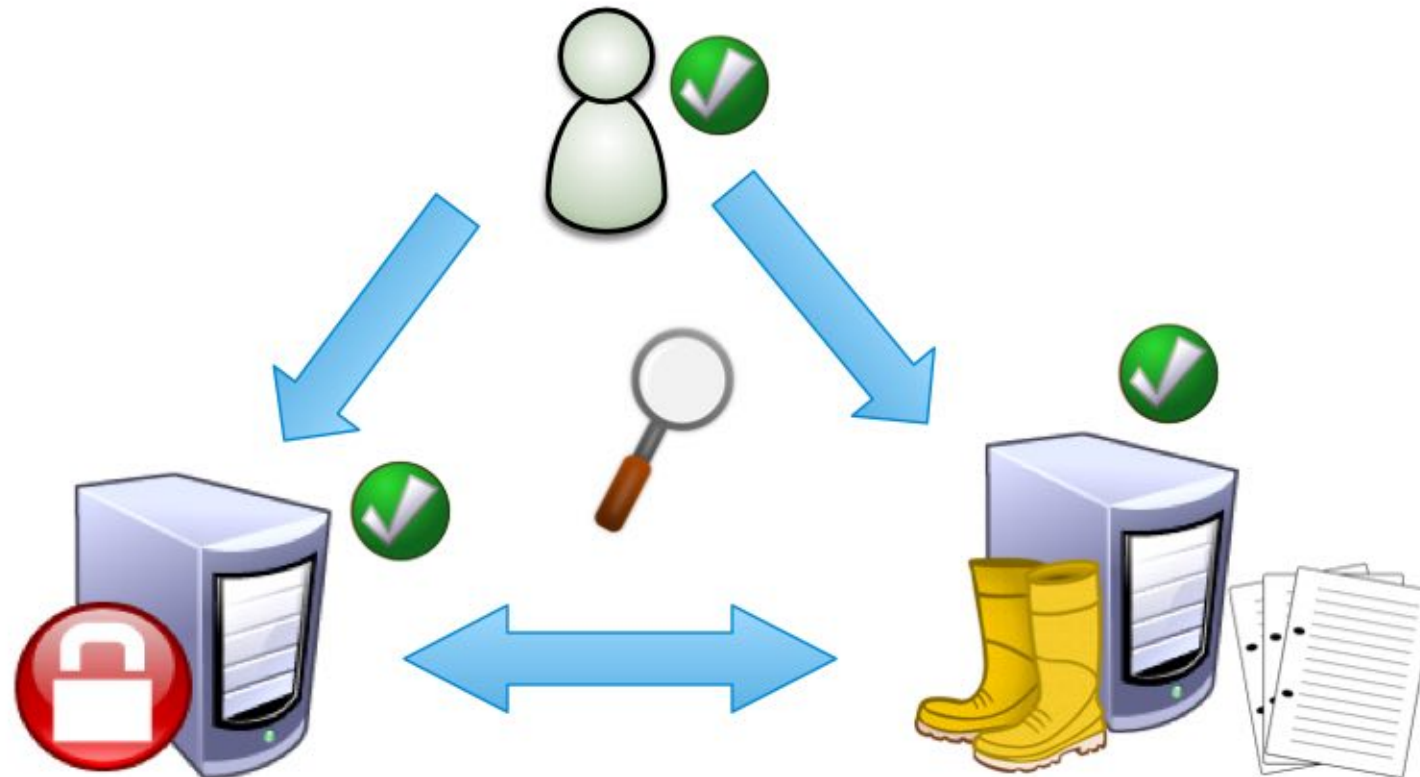# CONCLUSION – SHOEME.COM

kantara
INITIATIVE ™
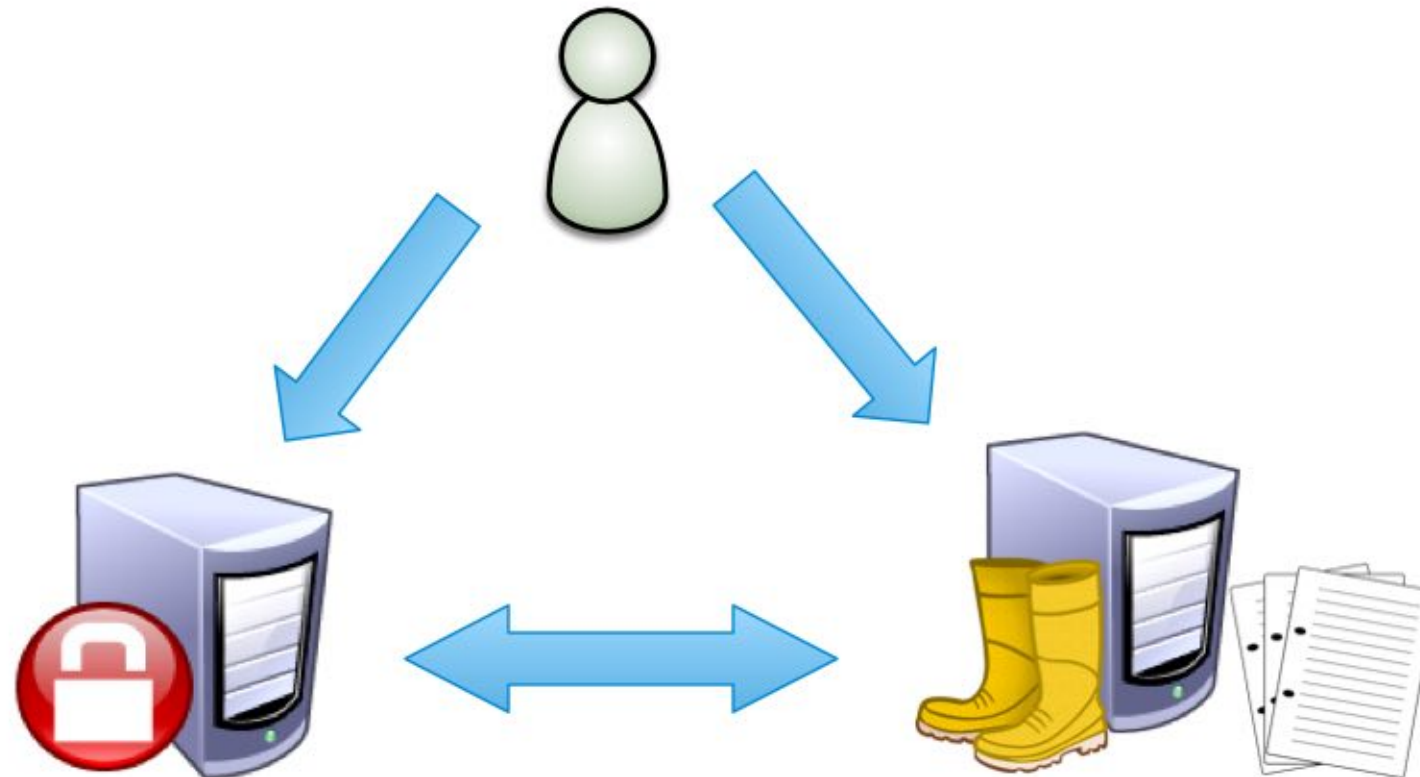
CONCLUSION – SHOEME.COM

CONCLUSION – SHOEME.COM

CONCLUSION – SHOEME.COM

Join. Innovate. Trust.

Kantara Leadership Council Chair: AndrewHughes3000@gmail.com
General Inquiries: support@kantarainitiative.org

Background information

KANTARA INITIATIVE

THE WORLD IS IN THE MIDST OF A DIGITAL IDENTITY TRANSFORMATION.

THIS TRANSFORMATION IS DRIVEN BY:

Individuals

Business

Government

HOW DO WE DEFINE RELATIONSHIPS BETWEEN PEOPLE, DEVICES AND SERVICES?

HOW CAN GOVERNMENTS, INDUSTRIES AND USERS WORK TOGETHER TO BETTER MANAGE DATA GENERATED BY NEW TECHNOLOGIES AND DIGITAL SERVICES?

Answer: Collaboration, Innovation and Taking Action.

THIS IS WHERE KANTARA COMES IN

Kantara Initiative is the global consortium improving trustworthy use of identity and personal data through innovation, standardization and good practice.

OUR CORE WORK

- **Nurture** emerging technical communities through our discussion and working groups.

- **Develop** and standardize community practices with specifications companies can understand, trust and implement.

- **Operate** conformity assessment programs to enable companies to meet their adherence goals to standardized practices needed to support their business.

WHO IS KANTARA?

- Non-profit founded in 2009
- Offices in Europe and the United States
- Comprises 60+ Leading Organizations, hundreds of Participants, Enterprises & Governments
- Connects the best of Business, Government, Research & Education
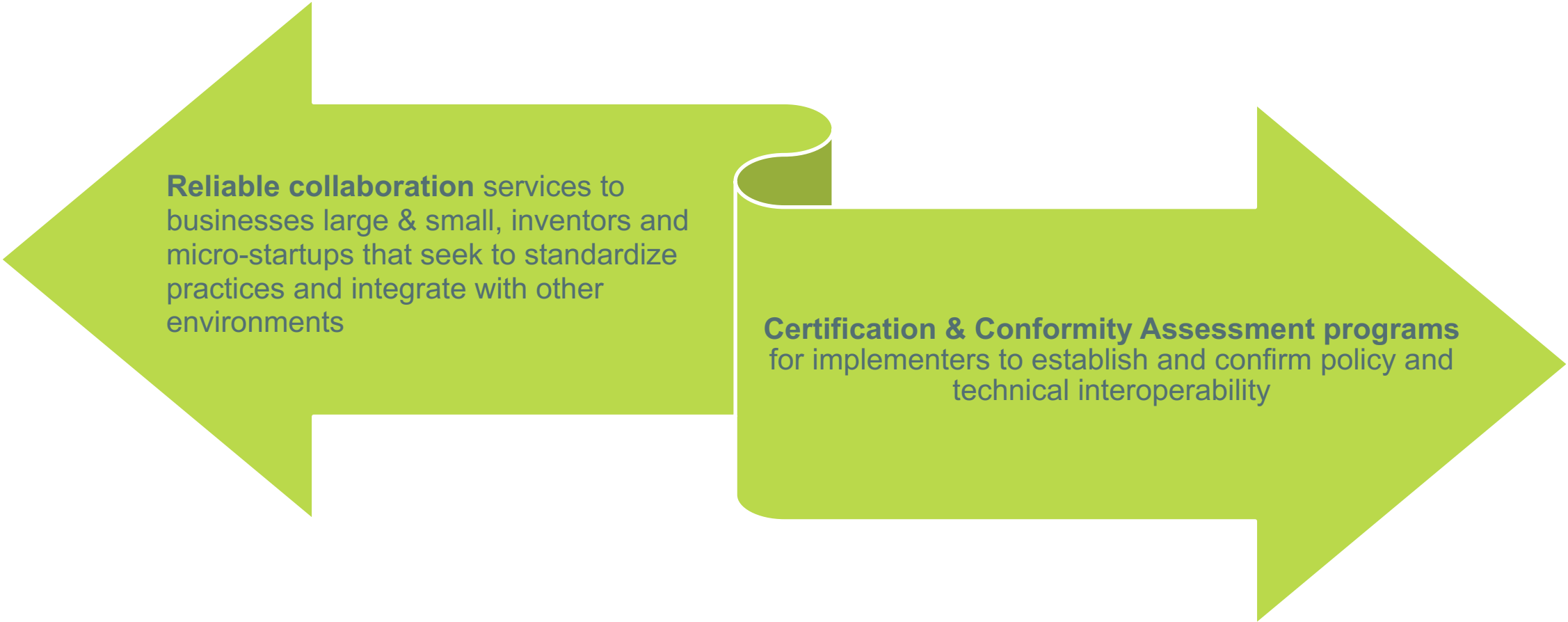
Our Leadership

Examples of our Liaisons

Do you recognize our Members?

The Kantara consortium has a unique two-sided platform

Reliable collaboration services to businesses large & small, inventors and micro-startups that seek to standardize practices and integrate with other environments

Certification & Conformity Assessment programs for implementers to establish and confirm policy and technical interoperability

kantara
INITIATIVE

Kantara Maturation Process

Invent

This is the world of inventors and micro-startups. New ideas are developed to deal with an infinite range of market demands, use cases and technologies.

Refine

Contributors can refine, shape and consolidate the inventions into common specifications and shared practices that lead to industry-best practices.

Implement

Certification and testing criteria sets the foundations and makes broader market adoption possible.

kantara INITIATIVE™

Kantara's Offerings

Neutral, competitive and dynamic collaborate space

Liaisons and Partnerships

Governance, bylaws, operating procedures and publication channels to give intellectual property protection to participants

OUR RECENT ACCOMPLISHMENTS

UMA OAuth-based specification is the world's first profile for federated delegation and authorization.

Consent Receipt Specification was developed to give control of personal data back to their customers.

Kantara approves Credential Service Providers (CSPs) and Accredits Assessors.

Join Us

- Membership and sponsorship is open to all

- Connect with our community of security leaders

- Collaborate with peers

- Gain insights

- Gain access

Join. Innovate. Trust.

Kantara Leadership Council Chair: AndrewHughes3000@gmail.com

General Inquiries: support@kantarainitiative.org