

CONFIDENTIAL
COMPUTING
SUMMIT 2026

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Global Agentic Identity and Direct Programmable Trust


Lessons Learned from the NATO DIANA Pilot

Manu Fontaine, Hushmesh Founder and CEO

NATO **DIANA**
Defence | Innovation | Adoption

**Defence Innovation
Accelerator *for the*
North Atlantic**



- 
- Jan 2024: **Secure Information Sharing Challenge**
 - Jun 2025: **NATO Rapid Adoption Action Plan**
 - Dec 2025: **DIANA / NCIA Phase 1 Pilot**
 - Jun 2026: **NATO Standard Recommendation**
 - Jun 2026: **Global Agentic Identity v1.0 in Production**

NATO **DIANA**
Defence | Innovation | Adoption

**STARTUPS &
INNOVATORS**

**ACCELERATORS
& MENTORS**

**DUAL-USE
INNOVATION
ECOSYSTEM**

**TEST
CENTERS**

**MINISTRIES
OF DEFENSE**



**STARTUPS &
INNOVATORS**

**ACCELERATORS
& MENTORS**

NATO
DIANA
Defence | Innovation | Adoption

Integrity
Provenance
Confidentiality
Sovereignty
Privacy



**TEST
CENTERS**

**MINISTRIES
OF DEFENSE**



The diagram features a central blue globe with a world map overlay. Six green circles, labeled ENTITY A through ENTITY F, are arranged around the globe. Each circle is connected to the globe by a black double-headed arrow. The background consists of a light gray hexagonal grid pattern.

**Global
Zero-Trust
and
Data-Centric
Security**

ENTITY
A

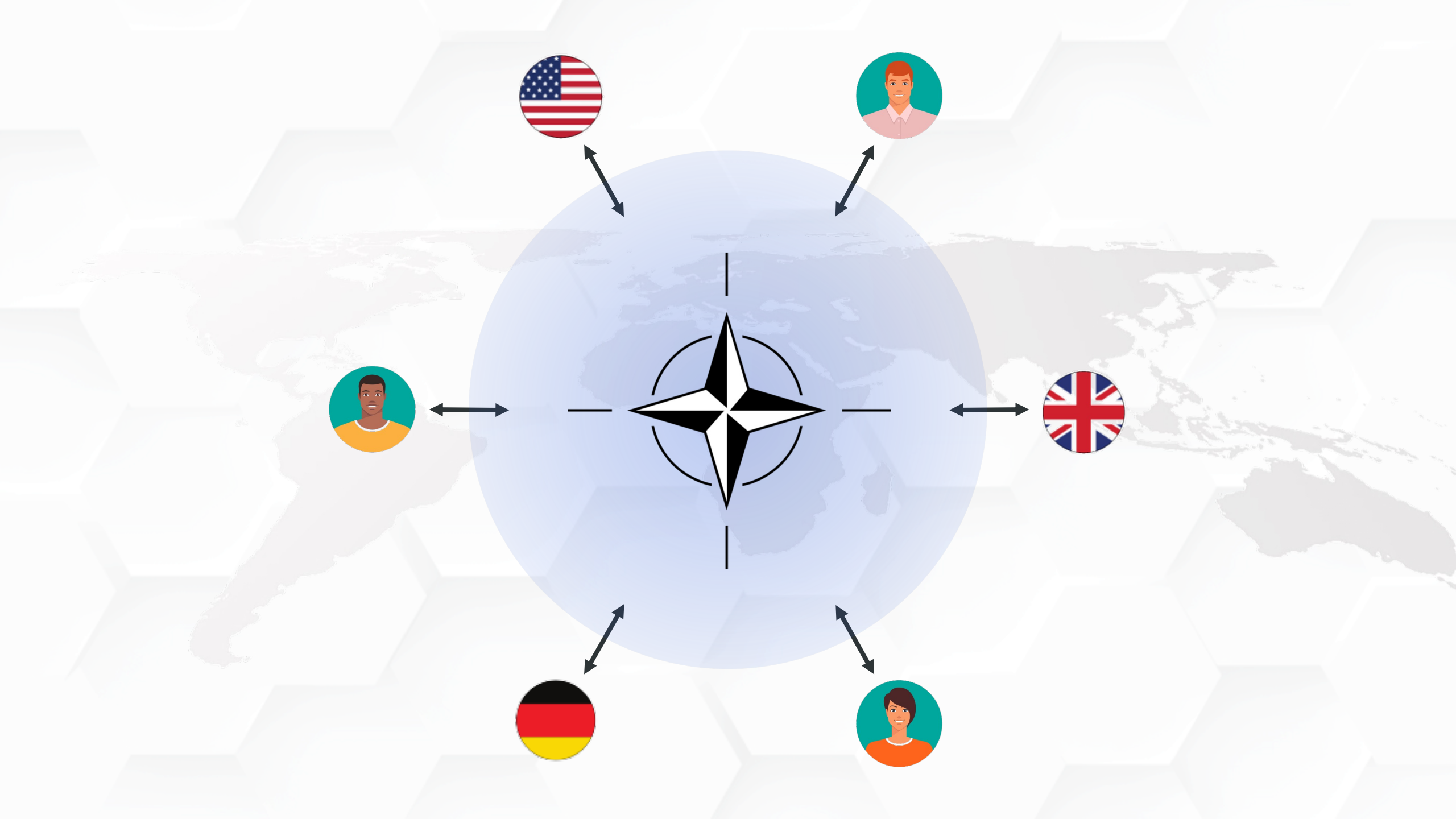
ENTITY
C

ENTITY
D

ENTITY
B

ENTITY
E

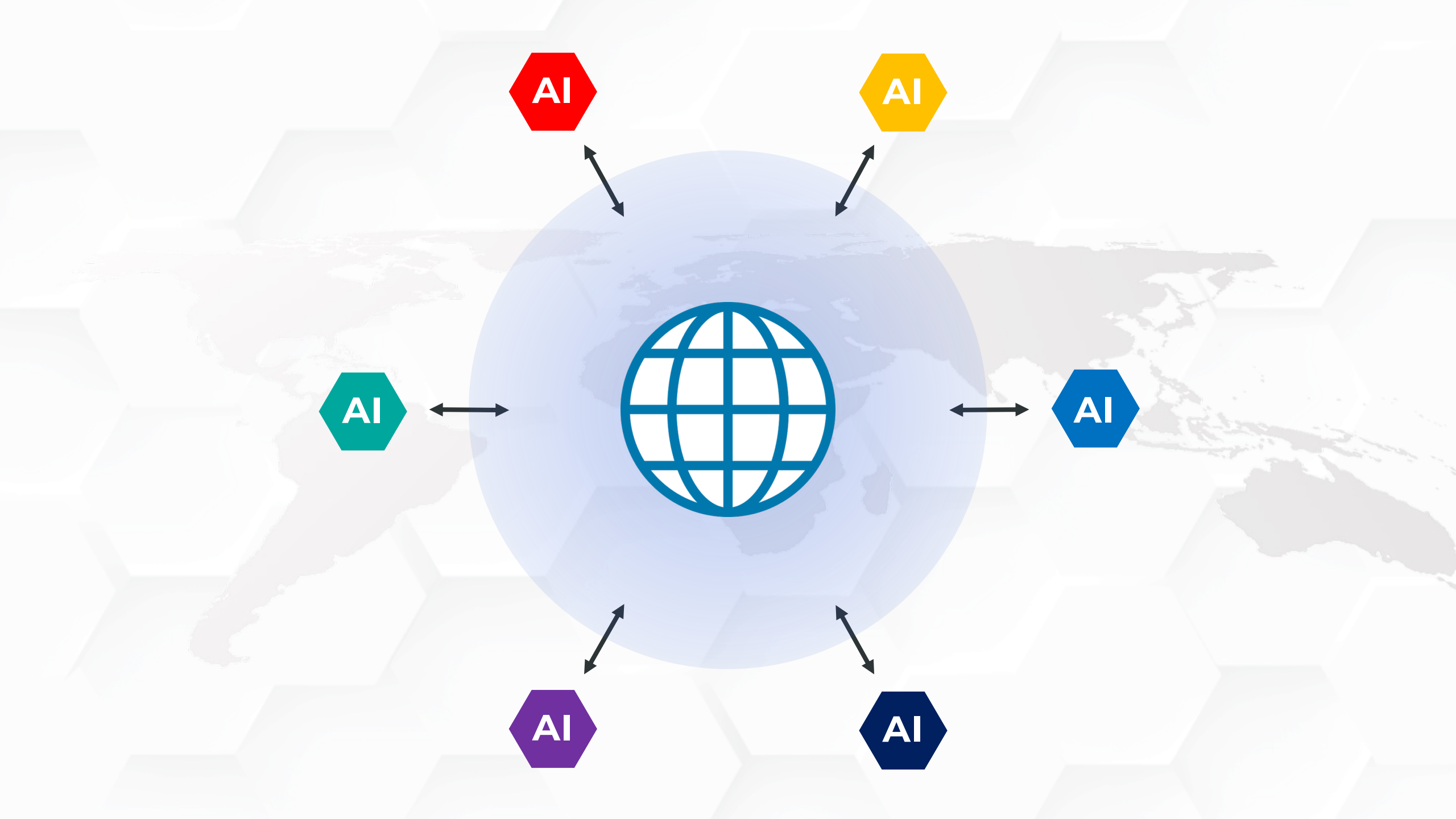
ENTITY
F



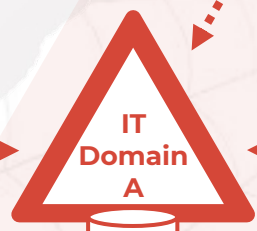


AI



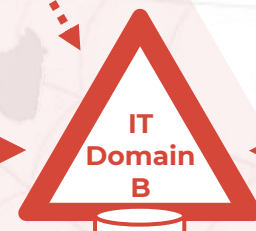


DOMAIN RESOURCE A



Privileged Insiders

Unverifiable institutional trust & links



Privileged Insiders



DOMAIN RESOURCE B



Privileged Insiders



Think first principles.

ANY
ENTITY
A

Pairwise Secure Information Sharing

ANY
ENTITY
B



Lesson #1

Identity must be global, unified, and automated

Lesson #1

Identity must be global, unified, and automated

Lesson #2

Each entity must secure its own information

Lesson #1

Identity must be global, unified, and automated

Lesson #2

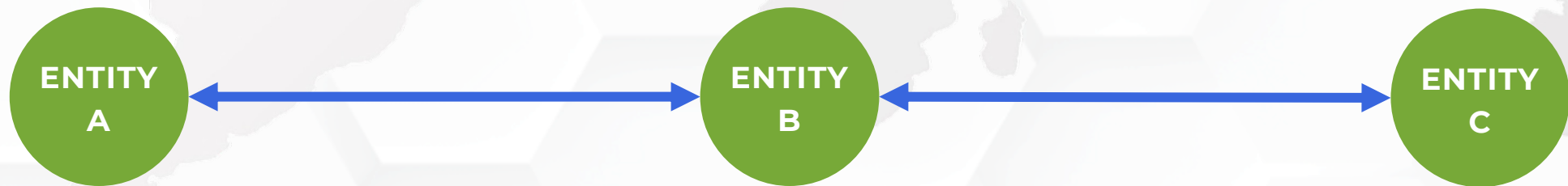
Each entity must secure its own information

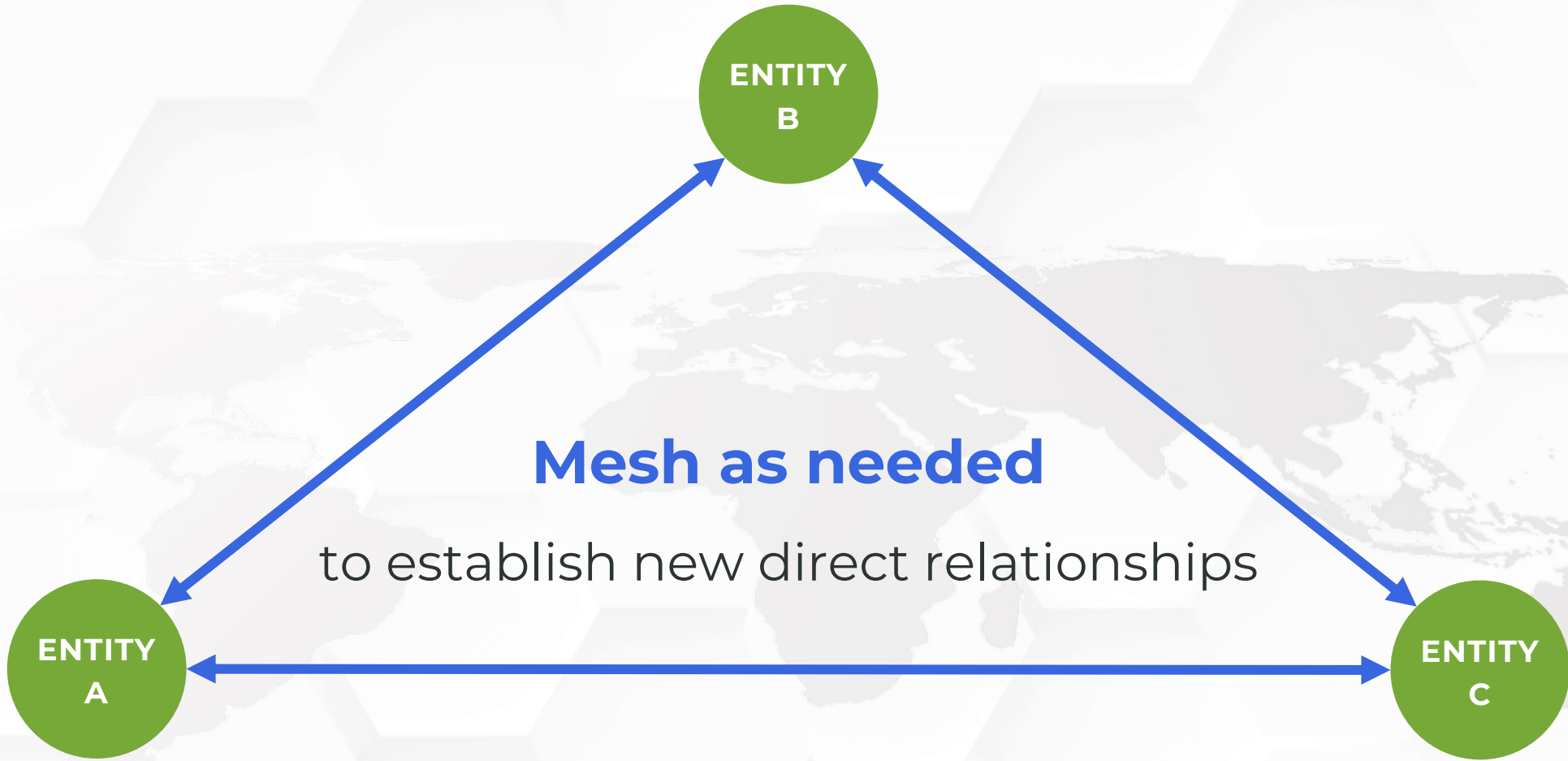
Lesson #3

Entities need direct programmable trust

Repeat the pattern

to create chains of authority, custody,
command, communications, control...





ENTITY
B

Mesh as needed

to establish new direct relationships

ENTITY
A

ENTITY
C

Lesson #4

A new primitive enables programmable trust

Institutional Trust



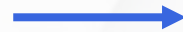
Programmable Trust

Institutional Trust



Programmable Trust

**Legacy Execution
Environments**



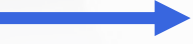
**Trusted Execution
Environments**

Institutional Trust



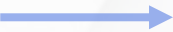
Programmable Trust

**Domain
Identifiers**



**Cryptographic
Identifiers**

Legacy Execution
Environments



Trusted Execution
Environments

Institutional Trust



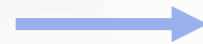
Programmable Trust

Domain Linking



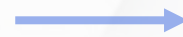
Cryptographic Linking

Domain
Identifiers



Cryptographic
Identifiers

Legacy Execution
Environments



Trusted Execution
Environments

Enabling **otherwise impossible** capabilities



Domain Linking

Large attack surface
High required trust

Cryptographic Linking



Smallest attack surface,
least required trust,
by several orders
of magnitude



All hexagons are autoscaling clusters of **Confidential Computing** servers (TEEs)



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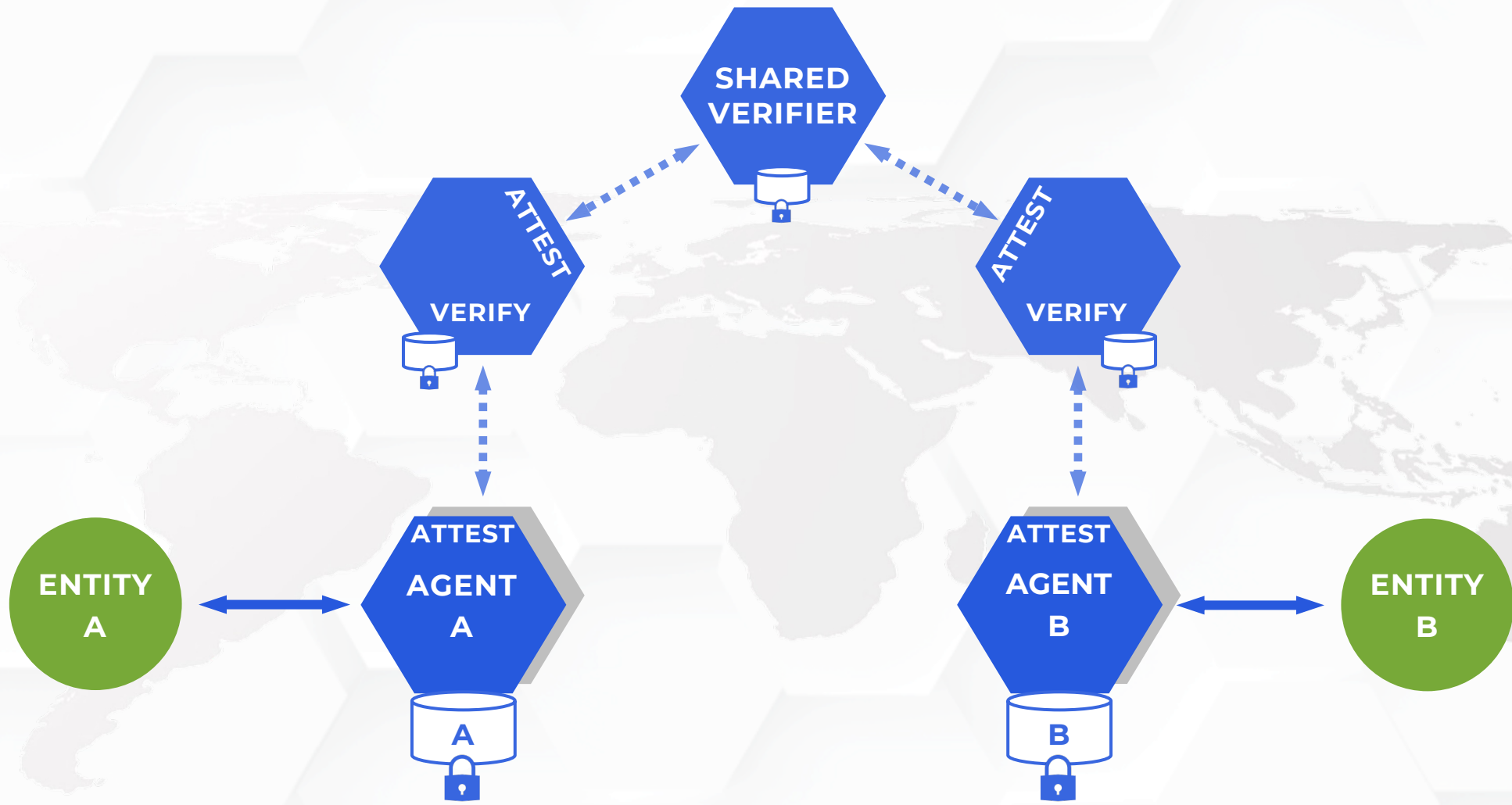
Lesson #5

Follow the path of least trust and attack surface

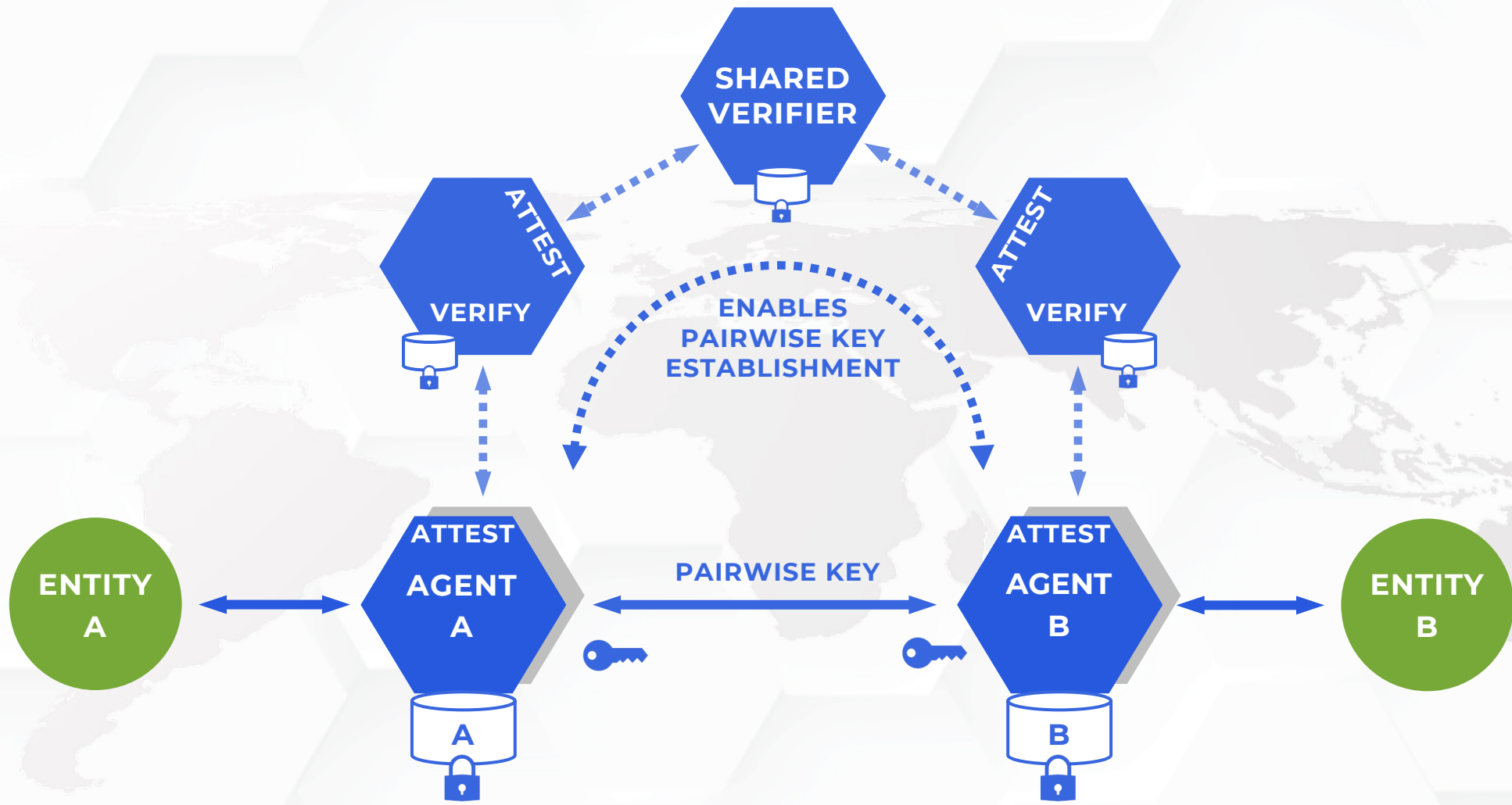
Hierarchical and Recursive Attestation Verification Service



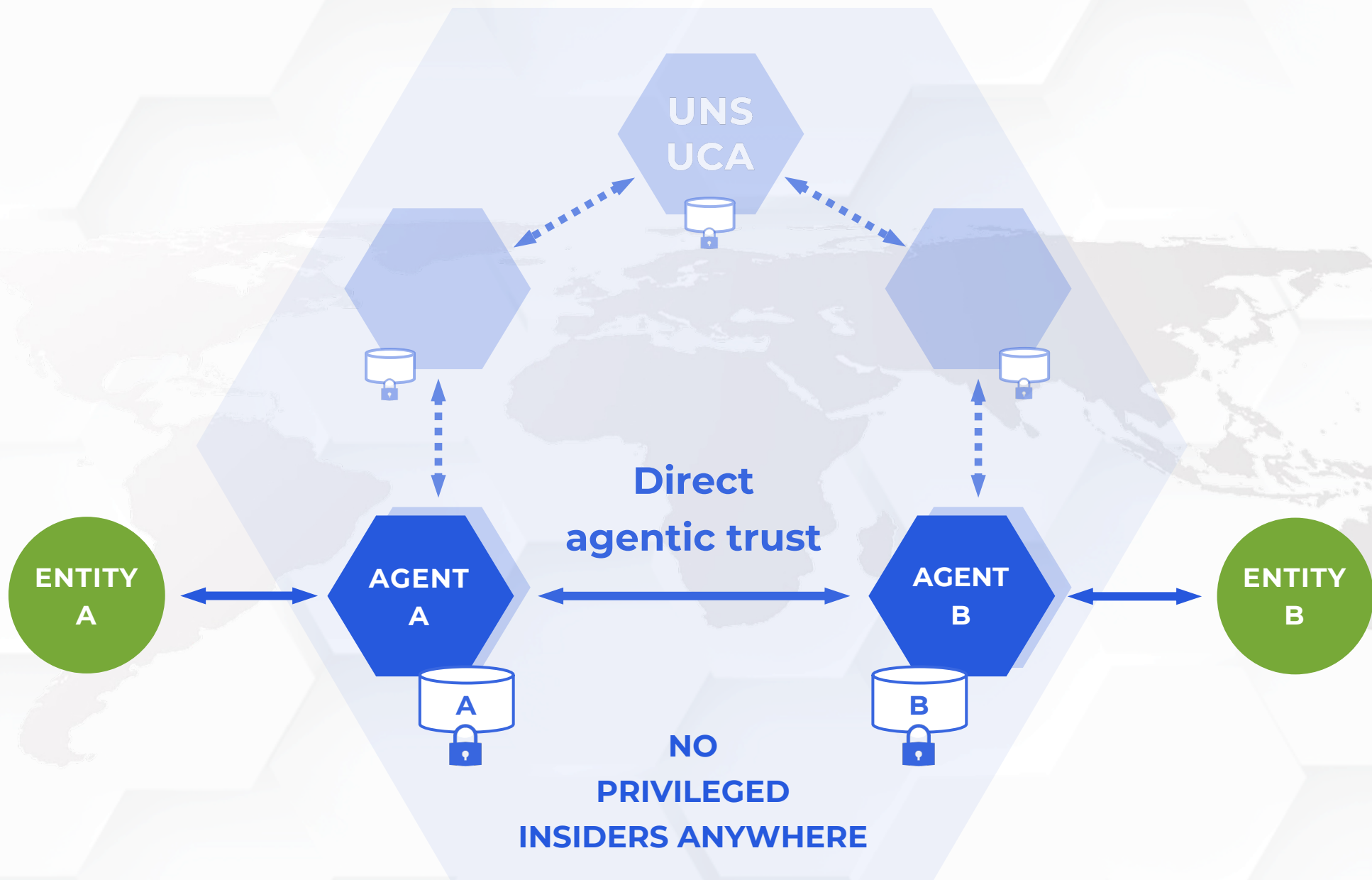
All hexagons are autoscaling clusters of **Confidential Computing** servers (TEEs)



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Direct
agentic trust

NO
PRIVILEGED
INSIDERS ANYWHERE

UNS: Universal Name System
UCA: Universal Certificate Authority

All hexagons are autoscaling clusters of **Confidential Computing** servers (TEEs)

Lesson #6

Must interoperate to enable gradual transition

NEW
AGENT
CODE

CI/CD
PIPELINE

FACTORY
AGENT

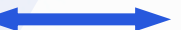
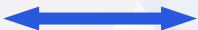
DEPLOY
AGENT

NEW
AGENT

UNS
UCA

A

B



**CRYPTOGRAPHIC
IDENTITY CONVEYANCE**

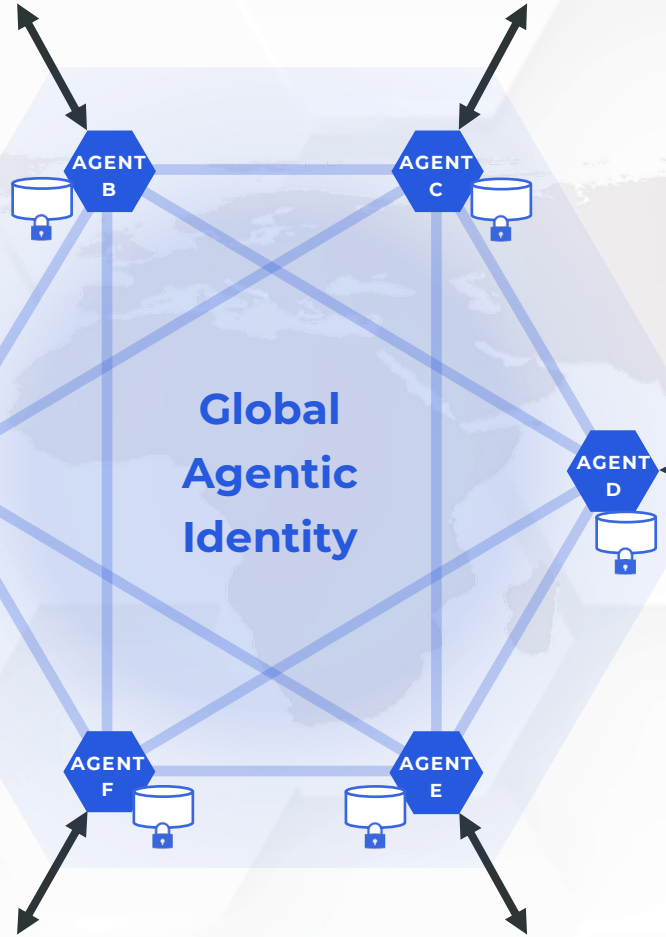
NATO **DIANA**
Defence | Innovation | Adoption

STARTUPS & INNOVATORS

ACCELERATORS & MENTORS

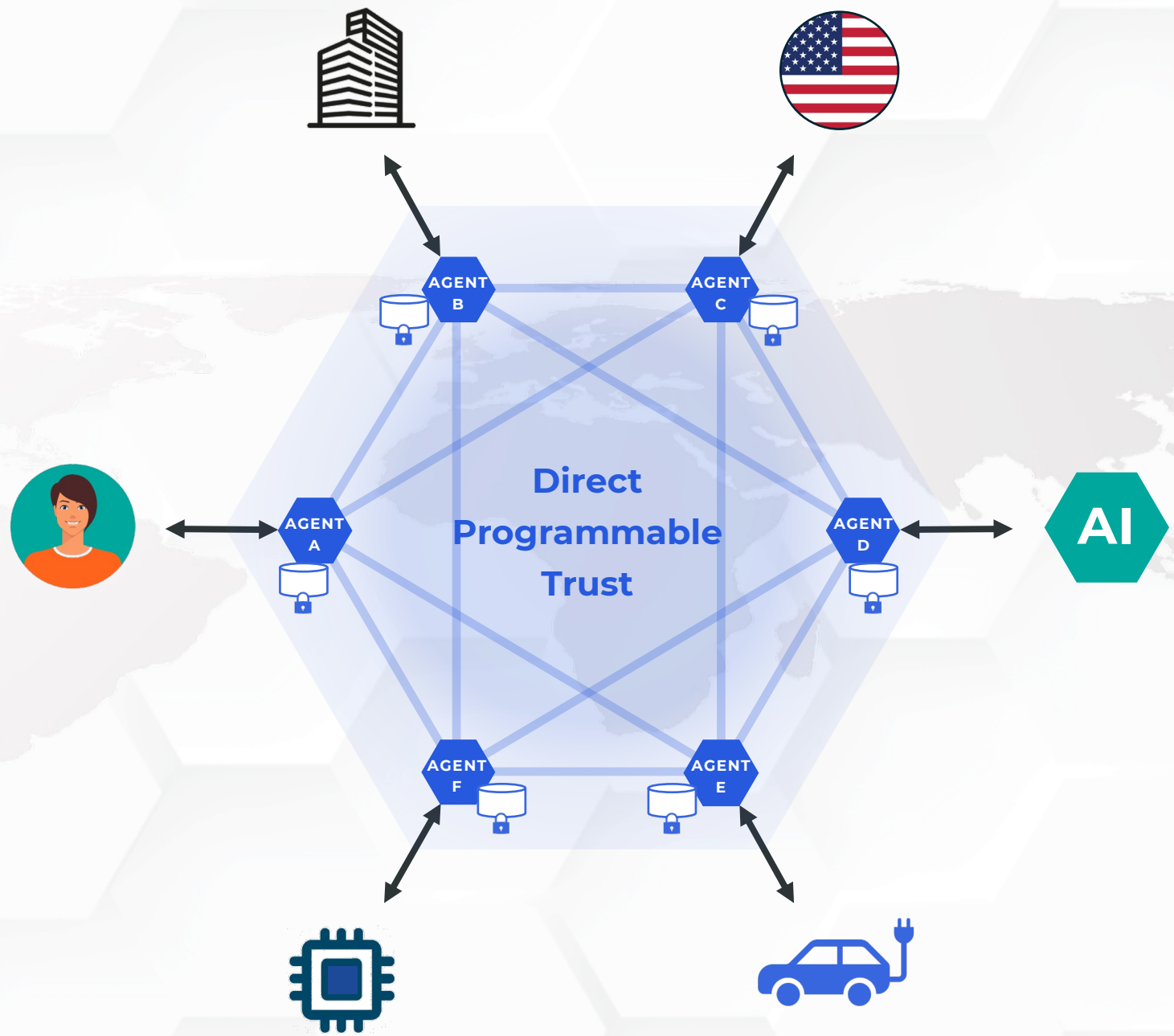
TEST CENTERS

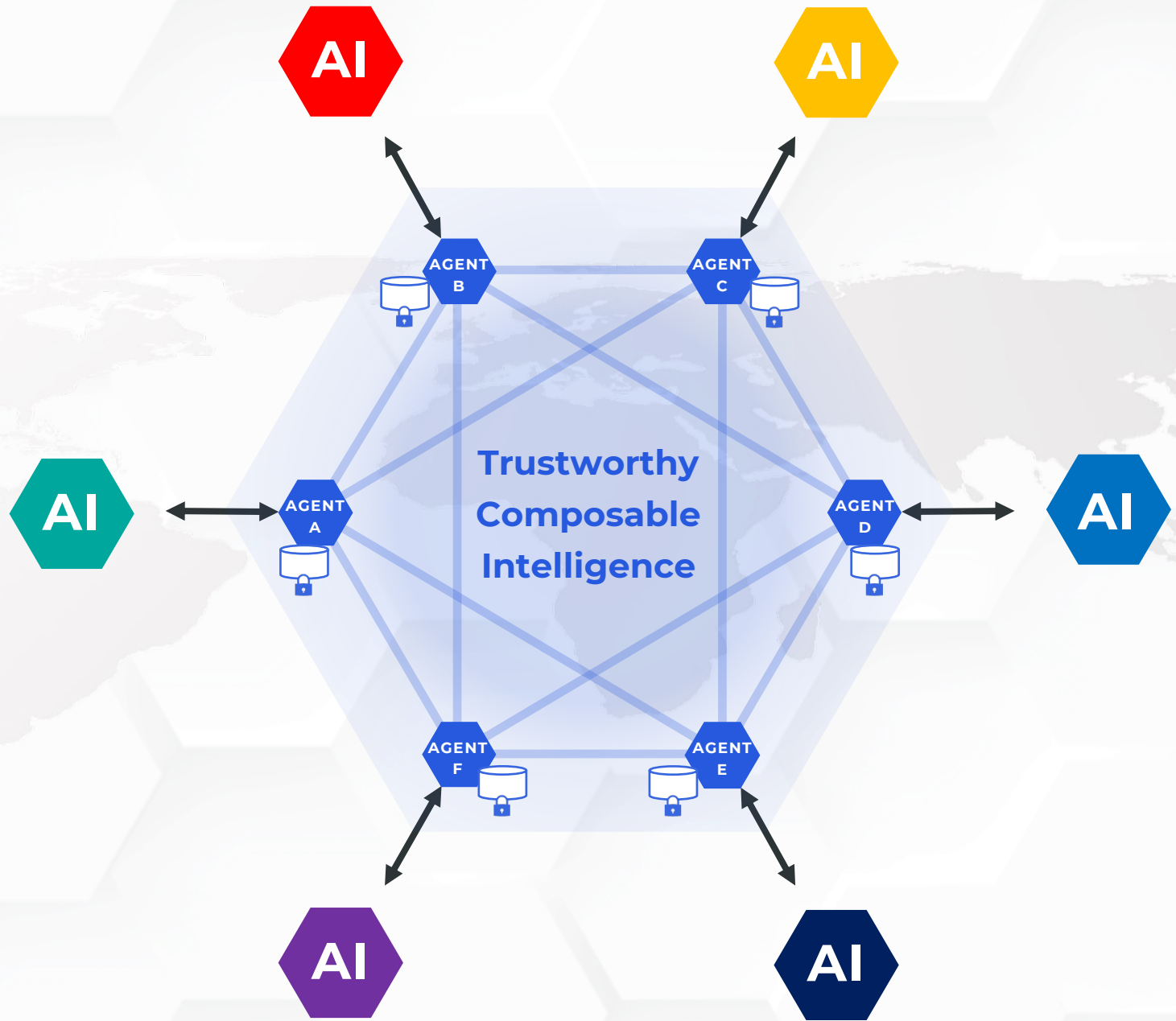
MINISTRIES OF DEFENSE



Global Agentic Identity







Confidential Computing enables Global Agentic Identity and Direct Programmable Trust

Lesson #1

Agentic Identity is global, unified, and automated

Lesson #3

Agents need **direct programmable trust**

Lesson #5

Follow the path of **least trust and attack surface**

Lesson #2

Each Agent must **encrypt its own information**

Lesson #4

Cryptographic linking for programmable trust

Lesson #6

Interoperability for gradual transition



Manu Fontaine
Founder & CEO at Hushmesh Inc.



hushmesh



**CONFIDENTIAL
COMPUTING
CONSORTIUM**