Delivering Connected Trust

Richard Spires
CEO

AFCEA

resilient
network systems
Existing identity/security models are inadequate and lead to a lack of trust:

- Data must be secured before being shared
- Data stewards control policies not applications
- Authentication and authorization lack context required for trust
- Incorporating new missions, users, data or analytics is costly

Agencies and organizations require functionality to share information, while maintaining their policies for access control and dissemination
A peer-to-peer networking platform that simplifies the complexity of creating **trusted interactions** between users, applications and other online services.

Trust Networks **evaluate** and **enforce** each parties’ policies for identity, access, and use of online resources, with **minimal exchange** of sensitive identity data.
The Trust Network Platform

Access Server: Defines and enforces policies to publish data, applications, services, and things.

Privacy Services: Transform data, policies, and application logic into opaque tokens.

Trust Broker: Evaluates policies; routes and verifies requests with trust services.

Identity Broker: Correlates, verifies, Disambiguates, and authenticates the identities of people.
Resilient’s Trust Network augments Software-Defined Network (SDN)

- Authenticate and Authorize administrators from multiple organizations that create a software-defined network or data center (public cloud service providers/data center providers/customers)
- Bring in other context to allow system access (potentials include administrator behavior; external threats or attacks)
- Bring in context to automatically reconfigure application access control (potentials include DDOS attacks; external threat rating)
- Enable policies to augment interaction with other data center assets outside of an SDN purview

SDN augment Resilient’s Trust Network

- Provides higher degree of vertical trust in a Resilient Trust Network nodes
- Potentially support greater horizontal trust between Resilient Trust Network Nodes