Cloud Identity Summit 2017
Kantara Workshop

June 19, 2017 | Chicago, IL

ERASMUS Federation
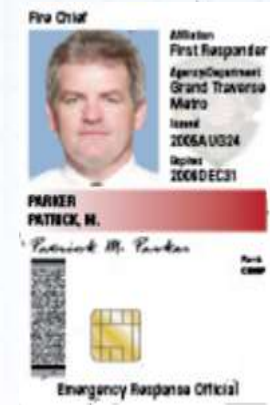
Michael Schwartz | Gluu
June 19, 2017

Team Profile

- Michael Schwartz, *CEO of Gluu*
- Elle Rustique, *Researcher*
- George Pearson, *First Responder Liaison*

Customer Need

First Responder Ecosystem:

    67,000 Organizations

    3 million people

- We need a scalable, mobile-friendly digital identity infrastructure to support the next-generation of applications...
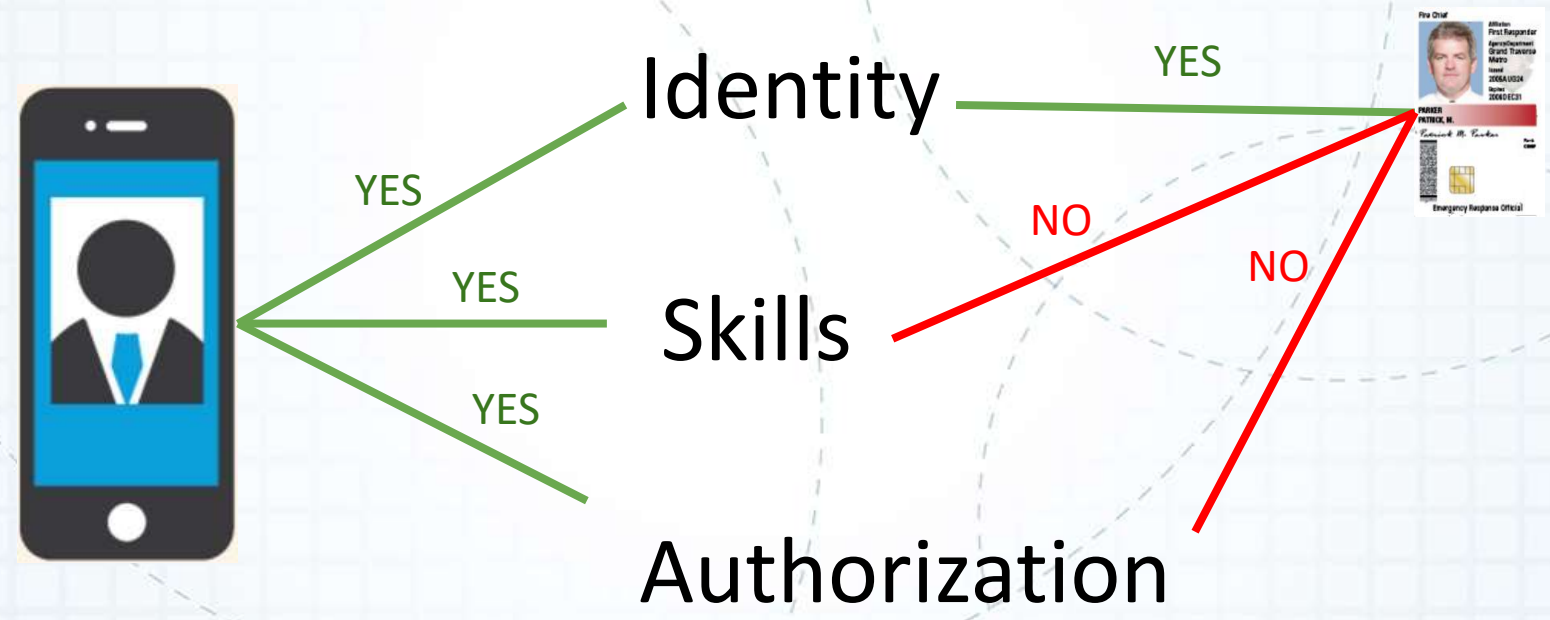

Not enough people have them

Hard to update
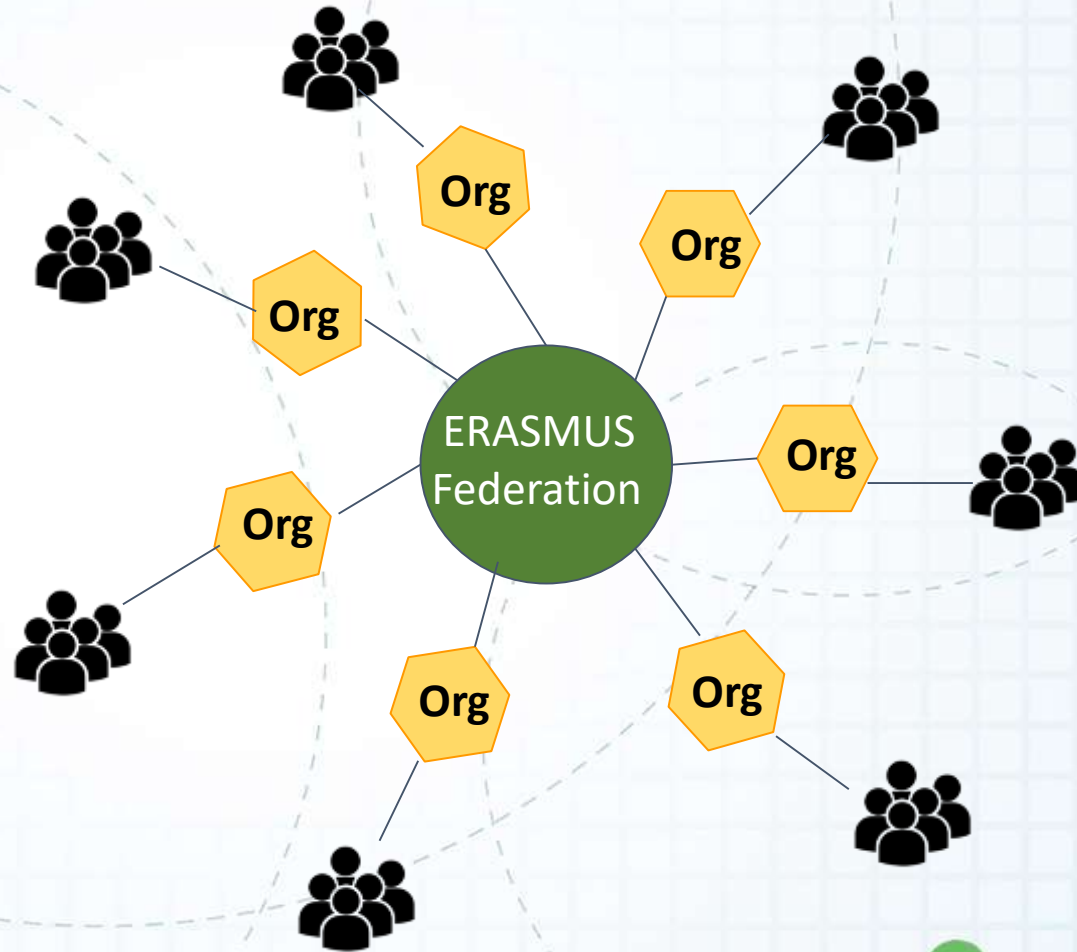
Don't play nice with mobile devices

Real time information

But where does the information come from?

Decentralized Identity Management

- The home organization **knows** the people

- The federation provides the "**tools**" and "**rules**"

Risk Mitigation: Include but qualify

- **Trustmarks** provide a machine readable way to convey the risk inherent in using a decentralized credential

- Based on work from Georgia Tech building a federation for the law enforcement community

  - For more info, see https://nief.org/

Benefits

- **Wider adoption then smart cards (not replacement)**
- Enrolls first responder mobile device, enabling push **notifications** and enhanced **security** over home organization (i.e. password)
- Tracks **skills** not just identity
- Data encrypted at rest (ERASMUS won't be a target)
- **Infrastructure for next generation applications, such as:**

  Incident command systems, computer aided dispatch, next generation Motorola radios.
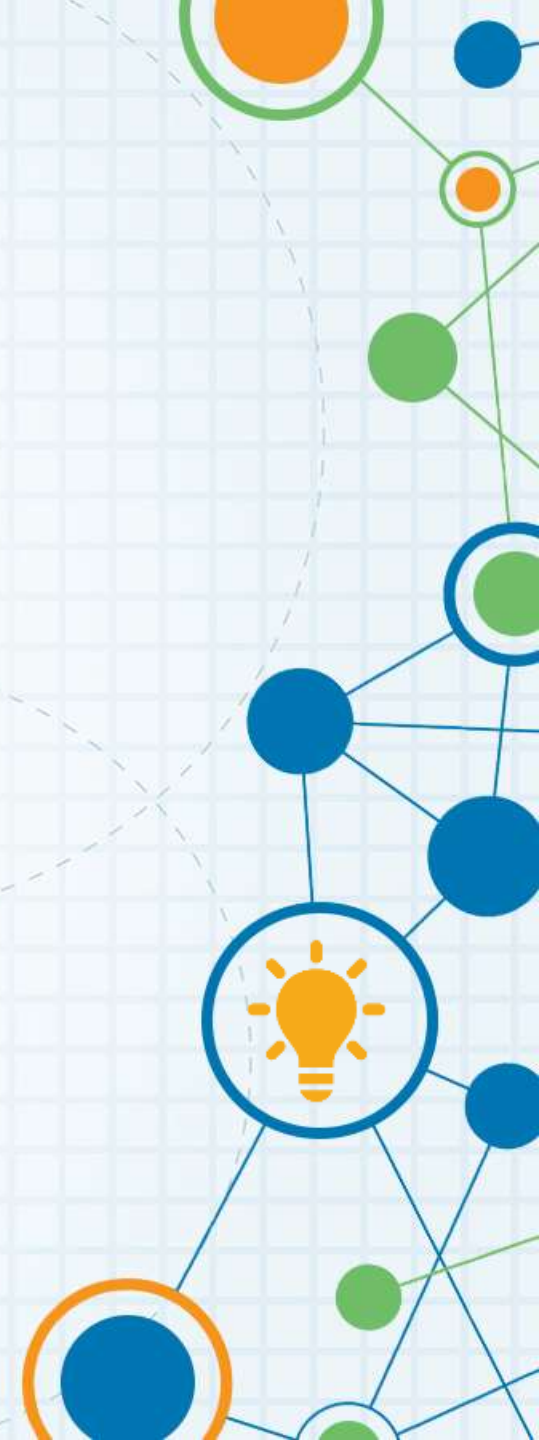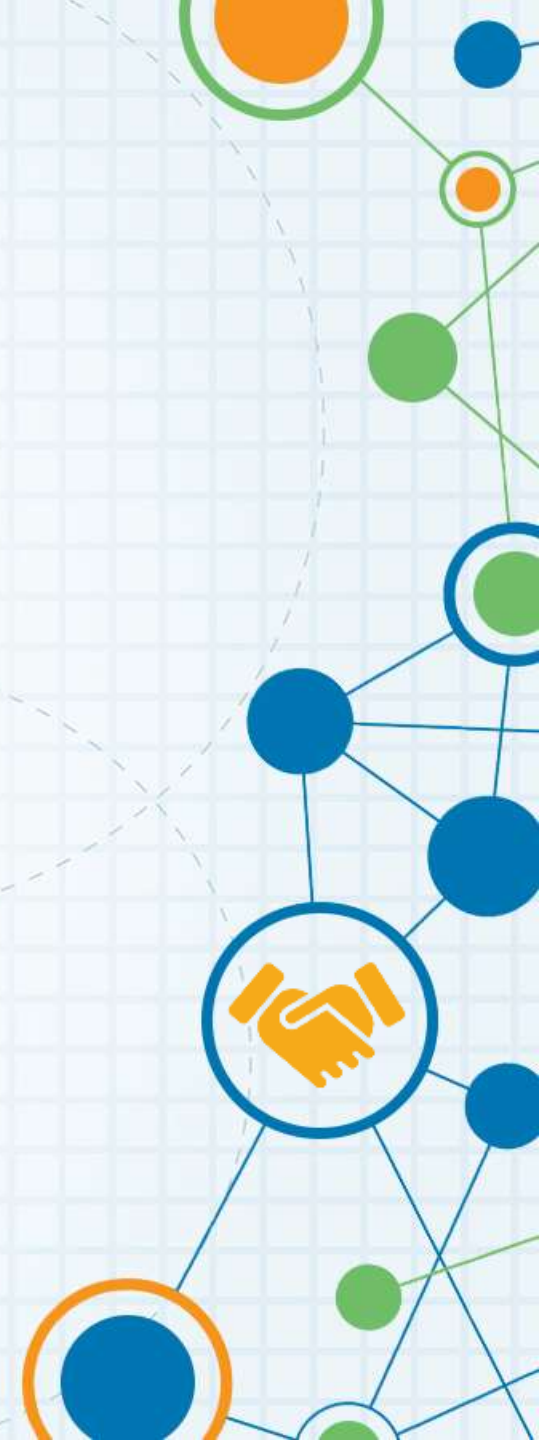
Competition

- The ERASMSUS Federation would be a non-profit organization, serving our first responder community.

Potential Transition Activities

- OpenID Connect enable 67,000 organizations
- Create Federation non-profit organization
- Operationalize technical infrastructure
- Drive participation

Contact Info

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