ERASMUS Federation

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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

Identity: YES
Skills: YES
Authorization: NO

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/](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
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