

Nebraska Educational Service Units Coordinating Council (ESUCC)

Overview of Quilt InCommon Pilot from Nebraska

**** Pilot Summary September 2015 ****

Update at the All Pilots Call of Oct. 9, 2014 ([update](#) and [infographic](#))

[Presentation at 2014 Internet2 Global Summit \(April 8, 2014\)](#) see pages 5-10

[Presentation at 2014 Quilt InCommon Federation Workshop](#) (February 2014)

See [2013 Year End Report \(page 7\)](#) for article on Identity Management and InCommon

Pilot target constituents: Initially, the Northeast Nebraska Network Consortium (NNNC) and the Greater Nebraska Educational Network Consortium (GNENC) including 10 educational service units and 182 K-12 school districts, progressing to 17 educational service units and 249 K-12 school districts post-pilot

Pilot Scope: Initially 2 IdPs during the 2013-2014 school year

Initial Pilot Goals:

- To federate every K-12 staff member and student within the NNNC and GNENC pilot regions
- To federate access to:
 - Safari Montage learning object repository systems
 - Pilot data dashboard system in development by the Nebraska Department of Education
 - Zimbra e-mail service
 - Atomic Learning
 - Learn360
 - eLibrary
 - Educate state leaders in educational technology to the importance and benefits of federated identity management and InCommon
 - Assist with the development of the k12Person schema
 - Use our experiences to inform our design work toward a state-wide K-12 federation

Targeted start and end dates for initial pilot: May, 2013 – May, 2014

Post-pilot longer term goals:

- Construct a state-wide federation of all K-12 staff members and students (possibly 8 IdPs) by the end of the 2014-2015 school year
- Progressively integrate all internal applications as service providers in the state federation and external applications via the InCommon federation and NET+ services
- Develop a state-wide system for user identity including stronger authentication measures such as multi-factor authentication where appropriate.

Federation model selected for project: In pilot, two single IdPs with delegated administration. Post-pilot, possibly a federation-to-federation with IdP Proxy for the interface to InCommon. This will be in design during the pilot project.

InCommon Affiliate assistance/role in pilot: The Gluu EDU solution has been purchased for the NNNC region. We are in initial discussions with other affiliates and will evaluate the fit of those solutions to our needs as we progress.

Targeted applications or cloud services:

- Safari Montage learning object repository
- Pilot data dashboard system in development by the Nebraska Department of Education
- E-mail service (Zimbra, others)
- Atomic Learning
- Learn360
- Other educational content licensed to Nebraska schools
- Google Apps for Education
- Learning Management systems (Blackboard, Moodle, ANGEL)
- Student Information Systems
- Human Resources Information Systems