

# MCNC Quilt/InCommon Pilot Summary

## “Davidson County Community College & Davie County Schools”

### Pilot description

- **Target constituents and scope:** Collaborative effort between Davidson County Community College (DCCC) and Davie County Schools Early College High School (DCS).
- **Initial goal:** Provide access to services that can be shared among the two constituent student populations, in particular this would benefit students in the Davie County Schools Early College High School who would be able to use their DCS credentials to directly access Davidson County Community College services rather than have to manage two different sets of credentials. This would also reduce the amount of work the DCCC support folks would have to do, to maintain credentials for the Early College High School students.
- **Post pilot longer term goals:** Assuming pilot is successful we expect other similar opportunities across North Carolina for both early college programs and likely in-state post secondary admissions applications.
- **Federation model selected:** We will be using InCommon and working with SPs and members who are not InCommon members to establish bi-lateral metadata exchange.
- **Targeted applications or services:**
  - NCLive/EBSCO
  - Moodlerooms
  - UpSwing
  - OrgSync
- **InCommon Affiliate assistance/role in pilot if applicable:** In general MCNC is working with the participating organizations, with InCommon’s assistance in providing reduced or waived InCommon memberships for those organizations for the duration of the pilot.

## Outcomes

- **Challenges encountered and how were they addressed:** We encountered difficulties getting Moodle and Upswing properly published in InCommon, hence for those SPs we needed to do bi-lateral SAML rather than federated. (For OrgSync and NCLive - no problem)
- **What did you spend or expect to spend?:** No major cash outlay other than for the personnel time devoted to the pilot. Perhaps 1-2 person weeks?
- **Successes/Benefits:**
  - Overview of successes/benefits
    - A minor success to-date is Davidson's usage of their newfound SSO capability to access SPs, in particular the Upswing application that has been used by almost 700 community college users (see stats below).
  - Number of students/instructors benefiting from the pilot - please break out by level if applicable (K12 students/instructors versus community college students/instructors)
    - Currently, this has been limited to the DCCC users, which needed to be setup with their own IdP prior to establishing campus SPs. The DCS K-12 users will begin using their credentials as soon as it can be coordinated with the district (hopefully this Fall).
  - Include a "before and after" story or scenario if possible
    - Still waiting on allowing the K-12 users access to DCCC services with their DCS credentials to create an "after" story.

## Moving Forward

- Lessons learned and recommendations to others
  - We've observed that time is a precious resource for all of us on this pilot - MCNC, DCCC and DCS. This pilot has been an add-on to our usual hectic schedules, hence it has been difficult at times to devote more effort to this pilot to take it to the next level. That said we are VERY interested in getting there and we'll redouble our efforts.
- Plans for scaling beyond current scope
  - Addition of NC Live and OrgSync as new SP services
- Next Steps
  - Determining whether Upswing supports multiple IdPs

- Assuming so, Davie's IdP can be added as a valid IdP for the Davidson instance of Upswing
- Ideally the Upswing SP can also be used within the InCommon metadata and that can be the mechanism for it obtaining the metadata for the two IdPs (rather than bilateral exchange as is happening now)
- Schedule a meeting with Davie County Schools to confirm process
- Coordinating schedules of all parties
- If we can get this working and have data to support utilization we will have a foundation to build on for additional systems

### **Davidson CCC's IdP Usage Statistics During Previous 16 Months**

Num audit log entries: 5120  
 First audit timestamp: 20140209T121634Z  
 Last audit timestamp: 20150618T185601Z  
 Num unique users: 677  
 Num service providers: 7

Usage by service provider:

5036	<a href="https://sp.upswing.io/saml-sp">https://sp.upswing.io/saml-sp</a>
54	<a href="https://www.nclive.org/shibboleth">https://www.nclive.org/shibboleth</a>
21	<a href="https://www.mcnc.org/shibboleth">https://www.mcnc.org/shibboleth</a>
5	<a href="https://sp-test-01.mcnc.org/shibboleth">https://sp-test-01.mcnc.org/shibboleth</a>
2	<a href="https://orgsync.com/shibboleth-sp">https://orgsync.com/shibboleth-sp</a>
1	<a href="https://spaces.internet2.edu/shibboleth">https://spaces.internet2.edu/shibboleth</a>
1	<a href="https://davidsoncccdev.mrooms3.net/auth/saml/">https://davidsoncccdev.mrooms3.net/auth/saml/</a>

Steve Thorpe, Donald Beck, Mark Scheible (ed.) - 07/15/2015