The Northeast Nebraska Network Consortium has developed Nebraska Connect; which is a system that enables schools and ESU's to easily connect up to the Nebraska Cloud system using the Microsoft Active Directory Federation Services technology.

The solution developed has attracted the interest of other non-NNNC ESUs and schools. This brochure describes the process and answers some frequently asked questions for those who want to partner with or mimic the NNNC implementation.
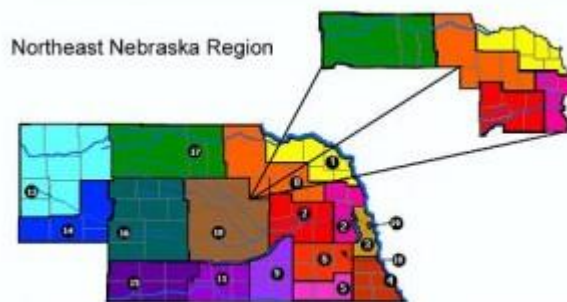
Nebraska Connect relies on a Microsoft Active Directory environment. We realize that many schools do not currently have a Microsoft environment, especially many smaller districts that have focused on Apple or Google Chromebooks. But not to worry; implementing our solution, including a Windows server environment, will not impose a steep learning curve or high cost.

For those districts who do not feel comfortable in managing their own Microsoft Active Directory environment directly, Nebraska Connect has developed customizations to PowerSchool and Infinite Campus that can be used. This permits the school to easily manage their user accounts without ever needing to touch their Windows server.

For additional information, including availability, fees, timelines, compatibility, etc., visit http://www.nnnc.org, or contact Andy Boell at (402) 721-7710 x221 or at aboell@nnnc.org.

The Northeast Nebraska Network Consortium (NNNC) encompasses five educational service units and approximately 100 affiliated schools:

- **ESU 1** in Wakefield, serving the counties of Cedar, Dakota, Dixon, Knox, Thurston and Wayne
- **ESU 2** in Fremont, serving the counties of Burt, Cuming, Dodge and Saunders.
- **ESU 7** in Columbus, serving the counties of Boone, Butler, Colfax, Merrick, Nance, Platte and Polk.
- **ESU 8** in Neligh, serving the counties of Antelope, Boyd, Holt, Madison, Pierce, Stanton and Wheeler.
- **ESU 17** in Ainsworth, serving the counties of Brown, Cherry, Keya Paha and Rock.

Northeast Nebraska Region

Nebraska Educational Service Units

This regional partnership began in the fall of 2000 with the purpose of improving Internet bandwidth to member schools while containing costs.

Essential technology support and services provided to consortium members now include:

- Infrastructure connectivity
- Security
- Management of data
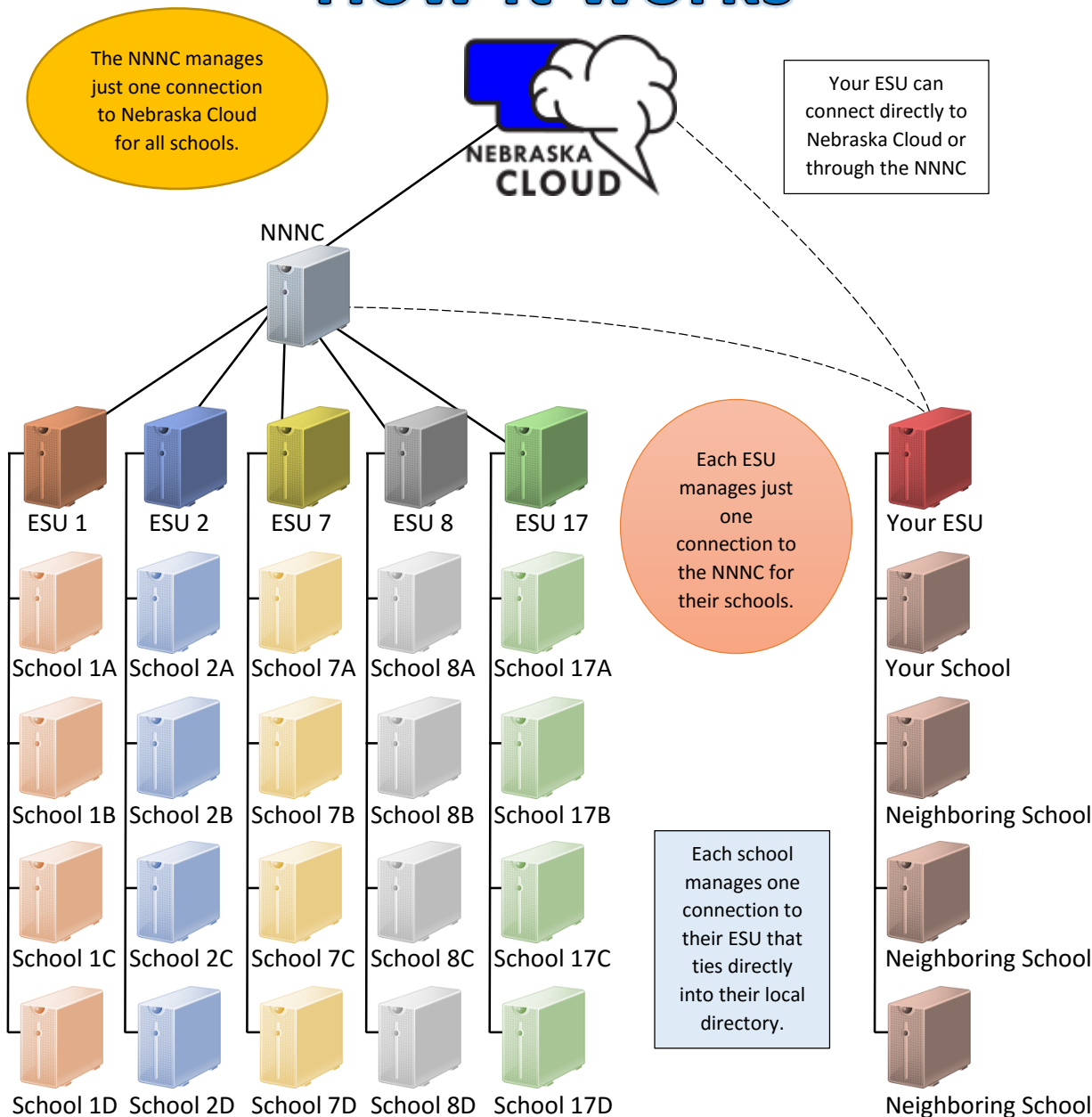- Distance Education
- Video Streaming

Nebraska Connect

Making the connection to the Nebraska Cloud easy, flexible, affordable

Proudly provided
by

NNNC
NORTHEAST NEBRASKA
NETWORK CONSORTIUM

http://www.nnnc.org

How it works

NEBRASKA CLOUD

The NNNC manages just one connection to Nebraska Cloud for all schools.

Your ESU can connect directly to Nebraska Cloud or through the NNNC

NNNC

ESU 1 | ESU 2 | ESU 7 | ESU 8 | ESU 17

Your ESU

Each ESU manages just one connection to the NNNC for their schools.

School 1A | School 2A | School 7A | School 8A | School 17A

Your School

School 1B | School 2B | School 7B | School 8B | School 17B

Neighboring School

Each school manages one connection to their ESU that ties directly into their local directory.

School 1C | School 2C | School 7C | School 8C | School 17C

Neighboring School

School 1D | School 2D | School 7D | School 8D | School 17D

Neighboring School

Neighboring School

Frequently Asked Questions

Q: How many servers are required?

A: A minimum of two; a Windows domain controller and a Windows ADFS server

Q: Do the servers need to be in my building?

A: The two servers need to be on the same network segment so they can communicate with each other. You can have both servers in your building, both servers at your ESU, or any combination as long as your servers are on the same network segment.

Q: What else can I do with this technology?

A: Each ADFS server is a stand-alone identity provider. This means that you can connect up to any number of services that are compatible to ADFS in addition to the Nebraska Cloud system.

Q: What online apps are compatible with Nebraska Cloud?

A: While Nebraska Cloud is still in development phases, it is anticipated to be compatible with many apps. For example:

Google   Office 365   Learn360

Khan Academy   Prezi   PowerSchool

Schoology   Moodle   Mastery Connect

Canvas   BrainPop   HippoCampus

PBS Learning Media

For more information, visit us at http://www.nnnc.org, or contact Andy Boell at aboell@nnnc.org or (402) 721-7710 x221