



## Unified Cloud Platform webNetwork

Access your files, applications and reports from any device.

Access to a high quality education is more important than ever in the digital age. Students, teachers, staff and even parents need access to files, applications and reports that are critical to the educational process.

Sounds simple, but those resources reside in the public cloud, the private cloud and on users' devices.

Add to that VPNs, hundreds of passwords and the need to connect from home or school and the problem gets even more complex.

webNetwork enables IT to create a Unified Cloud for their school and provide users secure, browser-based access to files, applications and reports from any device with a single password.

### webNetwork allows IT to...

- Deliver IT services through the web
- Provide a consistent experience across devices through a webDesktop
- Provide secure, remote access to files, applications and reports without a VPN, even on a personal device
- Enable users to add personal links with passwords
- Leverage the directory to deliver public, private and local resources through a single password
- Reduce technology acquisition costs by enabling BYOD and extending hardware refresh cycles
- Shrink help desk costs by decreasing the number of password reset calls

*"webNetwork solves a number of key issues for us, from password resets to providing secure access to district resources anytime, anywhere, and from any device"*

**Jason Koenig, Cherry Creek Schools**

## Key Features

### webDesktop

The "face" to the Unified Cloud.

- **Built on web technologies**  
webDesktop is built using HTML5 technologies that runs inside your web browser. webDesktop offers advanced features such as swipe navigation, intelligent application launching and access to local and web-based file systems.
- **Universal design**  
webDesktop was designed to create a common interface across desktops, tablets and smartphones. New mobile friendly look and feel along with a new webStorage interface, improved Search, and side menu option.
- **Easy to Personalize**  
Backgrounds, colors, icons, logos and shortcuts can easily be changed. IT can set permissions to control the level of customization.

### webApp

Allows users to access applications on their local device, in the private data center and the public cloud.

- **Web Applications**  
webApp publishes public cloud applications like Google Docs or Salesforce.com and private cloud applications built in house or by third party vendors.
- **Windows Applications**  
Even though the world is rapidly moving to the web, it is still critical to deliver Windows applications. webNetwork has three Windows delivery methods; published, virtualized and local.
- **Intelligent Application Delivery™**  
Intelligent Application Delivery dynamically selects between the various delivery methods at run-time to provide the best user experience, optimize performance or reduce licensing costs.

### webPass

webPass provides password management and single sign-on to Unified Cloud applications, storage and reports.

- **Single Sign-on**  
webNetwork enables users to access their Unified Cloud applications that do not share the same credentials through a single user ID and password. These credentials are stored in webNetwork's secure Lockbox, which encrypts users' credentials with their own signed private key.
- **Supported Single Sign-on Methods**  
Stoneware's unique "In-the-Flow" technology enables webNetwork to provide a flexible and comprehensive single sign-on platform. Technologies supported include; Basic Authentication, SAML, Form Authentication,

NTLM, OpenID, Live ID, Windows Inline Scripting, Windows XML, Public, Scripting and Delegated Authentication.

- **Personal webPass**  
webNetwork enables users to create and store their own personal links within the webDesktop and store usernames and passwords securely.

### webStorage

Creates private cloud storage so users can access their shared and home directories from anywhere.

- **Web-based file access**  
From a re-designed web-based file explorer, users can copy/paste, delete, drag-and-drop, rename, zip and email their documents. Because it is web-based, webStorage does not require VPN or FTP client software.
- **Native iPad and Android support**  
webStorage allows your mobile users to access their private cloud storage from their iPad and Android webDav-enabled applications, such as iWorks, Office2HD and KingSoft Office.

### webRelay

webNetwork's unique two-tier security architecture provides secure, end-to-end access to the Unified Cloud.

- **Two-tier architecture**  
The webNetwork server and relay work together through the Pipeline™ to provide end users with a secure, HTTPS connection to files, applications and reports in the Unified Cloud.
- **Role-based Access Control**  
webNetwork leverages an organization's investment in directory services by integrating all access control methods with their existing network management.
- **Authentication**  
In the Unified Cloud platform, security begins with a user's network ID and password. For a higher grade of authentication IT can enable enhanced two-factor authentication.

### webReports

Web-based reporting engine that can connect to any ODBC, JDBC compliant database.

- **Forms**  
Customizeable web-based forms can be created without programming to gather data from end users.
- **Reports**  
Web-based reporting tool that can quickly and beautifully show data and charts from any ODBC, JDBC compliant database.

## System Requirements

Minimum hardware and software requirements for a webNetwork Server installation. webNetwork administrators can select different operating system platforms for the webNetwork Server and Relay.

Operating System	Min. Mem	Disk	Processor
Windows 2003, 2008, 2012	1Gig	300mb	1.2 Ghz
SuSE, Redhat, Fedora	1Gig	300mb	1.2 Ghz
Sun Solaris	1Gig	300mb	1.2 Ghz
Mac OS X	1Gig	300mb	1.2 Ghz

Stoneware's webNetwork integrates into your organization's existing network directory service to simplify management and access control of all services. The matrix below outlines the supported directory services platforms and versions.

Directory Service	Version	Comments
MS Active Directory	2003 or 2008	LDAP only, allow Schema updates
Novell eDirectory	8.5 and greater	LDAP only
OpenLDAP	2.1.2	LDAP only
Stoneware XML	4x,5x,6x	