

### NEW TO WPA/WPA2?

Get more value from your WLAN investment by enabling security. The XpressConnect Wizard will reduce the learning curve associated with wireless security, allowing you to quickly and easily move users to the new secure SSID. With years of proven results, the XpressConnect Wizard will make you look like a security veteran.

### LOW VOLUNTARY ADOPTION?

Increase the voluntary adoption of your secure SSID with XpressConnect. Through simplicity and automation, the XpressConnect Wizard will quickly inverse your adoption rates. XpressConnect has done it for others. Let us show you how.

### LOOKING TO STABILIZE?

Bring sustainability to your existing secure SSID with XpressConnect. The XpressConnect Wizard will improve the user experience and reduce support costs, all while positioning the network for future changes.

### A PROVEN PATH

Our customers often say it best, so we encourage you to ask a peer about XpressConnect. Visit [www.cloudpath.net](http://www.cloudpath.net) to read customer stories or query your favorite WLAN listserv for feedback.



# X PRESSCONNECT™

## NETWORK WIZARD

If your unmanaged users need secure network access, you need XpressConnect. The XpressConnect Network Wizard is an industry-first solution for providing an exceptional user experience while drastically reducing support costs associated with secure networks.

XpressConnect is a lightweight, web-based wizard which automates client configuration, resolves software conflicts, and migrates the user to the secure network.

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**“Once we ran it, we were blown away... You can do the ROI on this and it would make sense any way you shake it.”**

Steven Fulkerson  
Director of Networking  
Eastern Kentucky University

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XpressConnect provides on-demand, automated assistance to users for a wide range of operating systems and devices.

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- **Increases user satisfaction** by ensuring access to the secure network is quick and fool-proof, 24 hours a day
  - **Reduces support costs** associated with network security by automating configuration of 802.1X, wireless, and security software
  - **Allows network security** to evolve over time by creating a consistent mechanism for end-user support
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XpressConnect is configured by the network administrator and deployed to a web server on an open SSID. Any time a user is unable to connect to the secure network, the user simply accesses the open network and loads XpressConnect in a browser. XpressConnect rapidly transitions the user to the secure network in a hands-free, fool-proof manner. In just seconds, the user is moved from the open network to the secure network, and the machine is configured to automatically connect in the future.

Whether rolling out security for the first time or supporting an existing installation, let us show you how XpressConnect can significantly reduce your support costs while increasing user satisfaction. To learn more, visit [www.cloudpath.net](http://www.cloudpath.net) or email us at [info@cloudpath.net](mailto:info@cloudpath.net).

# XpressConnect Approach

XpressConnect™ is comprised of two components: the XpressConnect Administrative Console and the XpressConnect Wizard.

The XpressConnect Administrative Console is a web-based management tool which allows the network administrator to specify the configuration necessary to access the network.

The XpressConnect Wizard is the portion that executes on the user's machine to perform the configuration and migration.

- **Students & Faculty** get quick and easy access to the secure network without an IT visit.
- **Support Desk Staff** receive fewer calls and have a defined criteria for escalation.
- **Network Engineers** are able to “set it and forget it” and have more flexibility to evolve the security of the network over time.

## WIRELESS CAPABILITIES

Disable Wireless Utilities  
Resolve Software Conflicts  
Configure WPA/WPA2 SSIDs  
“Best Available” Configuration For  
- Authentication (WPA/WPA2)  
- Encryption (AES/TKIP)  
- Modulation (N, A, G, B)  
Install WPA2 Hotfix

## 802.1X CAPABILITIES

Customized Authentication Prompt  
Configure EAP Types:  
- PEAP-MSCHAPv2  
- TTLS  
- TLS  
Configure Wired & Wireless 802.1X  
Install Trusted Root CAs  
Enable Server Cert Validation  
Enable 802.1X Services  
Install SecureW2™

## SOFTWARE CAPABILITIES

Enable Windows Updates  
Enable Windows Firewall  
Enable Microsoft NAP™  
Install Network-Related Hotfixes  
Install Antivirus  
Install Pharos Printers  
Bootstrap NAC Agents



### 1 Network Administrator Specifies Configuration

The network administrator specifies the configuration necessary to access the network in the XpressConnect Administrative Console. The Administrative Console is a hosted website. Once configured, the network administrator downloads the customized XpressConnect Wizard and places it on a web server.



### 2 XpressConnect Wizard Migrates Users

Users access the XpressConnect Wizard from the web server. To illustrate, the user may associate to the open SSID and receive a web login page from the wireless controller. The login page contains a link to XpressConnect. When clicked, XpressConnect loads and performs the configuration and migration to the secure SSID.

## System Requirements

### Deployment Options:

- Web server, with XpressConnect loading via Java Applet, ActiveX or a manual download.
- CD or USB flash drive.

### Web Servers:

- Windows Server 2000, 2003, & 2008 with Internet Information Services (IIS) running. Active Server Pages (ASP) support is recommended.
- Linux (most distributions) with Apache or Tomcat. PHP or Java Server Pages (JSP) support is recommended.

### Client Operating Systems:

- Windows™ XP SP2+, Vista, 7
- Mac™ OS X 10.4, 10.5, 10.6
- Ubuntu 9.04, 9.10
- Apple iPhone/iPod Touch 2, 3

\*\* Contact Cloudpath regarding newly-supported systems.

### Client Browsers:

- Internet Explorer >= 6
- Firefox >= 1.5
- Safari >= 2
- Chrome >= 3

### 802.1X Supplicants:

- Windows Built-in (PEAP, TLS)
- SecureW2 (TTLS for Windows)
- Mac OS X Built-in (PEAP, TLS, TTLS)
- Ubuntu Built-in (PEAP, TLS, TTLS)



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