



## Elluminate *Live!* Administrator Access Guide

### Launching Elluminate *Live!*

The Elluminate *Live!* eLearning and Web Conferencing solution is launched when a user clicks on a link in an Internet browser or email. Clicking the link downloads a small Java Network Launching Protocol (JNLP) file containing the information necessary to connect to an Elluminate *Live!* session. Java Web Start launches, reads the information in the JNLP file, ensures that the proper Java Resource (JAR) files are in place, and makes the connection to the Elluminate *Live!* server.

Java Web Start detects the proxy settings used by the default Internet browser on the connecting system, and uses the same settings during the connection process. Java Web Start supports most proxy configuration scripts and can detect proxy settings in most environments.

If Java Web Start cannot detect the proxy settings, it will prompt to specify them. In this case it will be necessary to manually configure Java Web Start's proxy settings in order to launch Elluminate *Live!*. Java Web Start will also prompt for username and password should it encounter an authenticating proxy.

### Addresses, Ports and Protocols<sup>1</sup>

If a user is attempting connection to a session running on one of Elluminate's servers, it will be made to one of the following IP ranges:

<u>IP Address Block</u>	<u>Netmask</u>	<u>CIDR</u>
216.220.49.208	255.255.255.240	/28
65.110.166.160	255.255.255.224	/27

Elluminate *Live!* connects on one of two ports – 2187 or 80. Access through either port to one of the above listed servers is required to make a connection to an Elluminate *Live!* session.

Communication is in a proprietary protocol called the Collaborative Communication Framework (CCF), which is layered on a TCP transport protocol.

#### Note:

- Only authorized clients may connect to an Elluminate *Live!* server
- The connection is always initiated from the client
- After connection, only the Elluminate *Live!* server may send data to the client

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<sup>1</sup> If a user is attempting connection to a session running on a license holder's server, the network address and port number may differ. Contact the organization hosting the session for network address and port information.