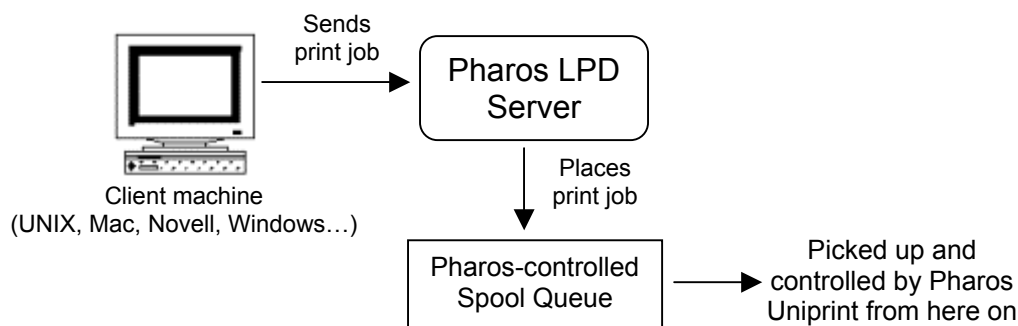


## Printing to Pharos Uniprint from Non-Windows Platforms

*While the Pharos Uniprint software runs only on Windows platforms, print jobs sent from other platforms such as UNIX, Novell, Macintosh or a mainframe/AS400 machine can be sent to the Uniprint system to be controlled and costed. This is achieved by using TCP/IP printing, which requires the use of an LPD Server.*

### Pharos LPD Server

The Pharos LPD Server provides a TCP/IP printing service that uses the RFC1179 Line Print Daemon (LPD) Protocol. This allows printing to take place from any RFC1179-compliant software, making printing from UNIX, Macintosh and Novell platforms to Pharos possible. Jobs received by the LPD Server are put into spool queues, where the Pharos system takes control of them:



By default, the LPD Server is installed as part of a Print Server installation, and can therefore be installed on any Print Server machine. If the Microsoft TCP/IP Print Server is already installed, Pharos will stop it (but not uninstall it) and set the Pharos LPD Server to be the service that automatically starts.

### Client Machine Requirements

To make use of the Pharos LPD Server once it is installed, the client machines that will be printing to it must have the ability to send print jobs via TCP/IP. This requires that the clients are able to make a TCP/IP connection to the Pharos PopUp Server and Print Server, and that printing software that allows print jobs to be sent via TCP/IP is present. On UNIX machines, LPR is most commonly used for this.

It is also possible to use the Samba client to establish a remote connection from a UNIX client to the Windows host using SMB connections.