Technical Requirements

Web Server	A server running Windows Server 2008 R2, Windows Server 2012 R2 or Windows Server 2016 (not Core) to host the eTrackr^{ilp} application. This could be on a virtual server platform or dedicated hardware. VLE Support requires full Windows administrator access to the server. .Net Framework 4.5.1 runtime (this is included in 2012 R2) Hardware requirements vary from college to college but in general a modern (e.g. no more than 2 years old) CPU and 4GB RAM should be sufficient (see also database server, below). The web server should have outbound Internet access in order to download updates and make use of services (e.g. SMS gateway, courses database) hosted remotely.
Database Server	eTrackr^{ilp} stores its data in a Microsoft SQL database, SQL 2008 R2, SQL 2012, SQL 2014 or SQL 2016. The database can be hosted on a dedicated database server or alongside existing databases on a shared server. **Dedicated server**–this can be another server in its own right, or alternatively, the database software can run on the web server hosting the eTrackr application. In this latter case, a minimum of 2CPUs and 4GB RAM should be allocated. VLE support will configure the SQL software for you. **Shared server**–the server must be configured with mixed-mode authentication. An SQL login with db_owner access to the eTrackr^{ilp} database must be provided.
Client PC specification	College PCs must use one of the following supported browsers: Google Chrome, IE11 or above. **Please note that IE10 or earlier versions are not supported.**
VPN for installation and support	VLE Support will require remote VPN access to the server hosting eTrackr^{ilp} in order to perform the installation and provide support. At a minimum this should allow RDP connections to the server(s).
Web publishing to the Internet	If you wish to make eTrackr^{ilp} available to students and staff over the Internet, you will need to make the appropriate network and firewall changes to publish the web application. VLE support can offer advice on these arrangements, and can assist for an additional fee. We would suggest that you secure the application with an SSL server certificate.