



DiCentra FAQs - 5

What is SSL/TLS and how does it affect me?

Question: What is SSL/TLS and why do I need it?

Answer: Secure Socket Layer (SSL) is the general name for secure communication using encryption between computer applications and web/cloud services. The protocols (cryptography and procedures) have been improved over the years and the latest is TLS 1.2 (Transport Layer Security). It is highly desirable to use the latest protocol to provide the best protection against threats from hackers and to secure information during transit. There are increasing threats from network hacking so PhotoEntry will provide greater protection by only supporting TLS 1.2 from 1st October 2018.

Versions of DiCentra PEX before 4.12 used TLS 1.0 to communicate with PhotoEntry but that is now deprecated. From 1st October 2018 **PhotoEntry will only support TLS 1.2**, so DiCentra 4.12/PEX uses TLS 1.2 to communicate with it. You should update DiCentra to this or a later version as soon as possible.

Windows 8, 8.1 and 10 all support TLS 1.2 without problem with DiCentra 4.12 and above. Update to the latest DiCentra version now.

Windows 7 SP1 supports TLS 1.2 with DiCentra 4.12 after a system update has been applied. See [FAQ-6 – Network Connection Error](#) for details.

Windows Vista only supports TLS 1.0. This means that PEX cannot be used from it. It does not affect the normal running of DiCentra for competition functions. However, you will not be able to upload or download images or results to/from PhotoEntry by any means from a Vista machine when PhotoEntry stops supporting TLS 1.0 (1st October 2018).