

EasyMatch QC-ER User Authentication protocol on startup

Running Pre-Installation Wizard allows the System Administrator to define the type of installation environment that EasyMatch QC-ER will authenticate in.

- Network PC installation with members of the network QCERAdmins and QCERUsers groups having network logins only.
- Local installation on a stand-alone PC with members of the local QCERAdmins and QCERUsers groups having local logins only.
- Local PC installation with members of the local QCERAdmins and QCERUsers groups having local or network logins.

When a member of the QCERAdmins or QCERUsers groups clicks on the EZMQC-ER icon on the Desktop, the first check to insure that the software license is valid.

The User Authentication process in the EZMQC-ER is carried out in the following steps in keeping with the PIW configuration.

Step1: The EZMQC-ER verifies the invoking User account belongs to any of the PIW configured groups (QCERAdmins, QCERUsers) and Domains (network or Local PC). Otherwise the application invocation is denied.

Step2: After successful completion of Step1, User Login screen will be displayed.

Step3: After entering the User UID login and password credentials in Login screen, the application confirms whether the user belongs to QCERAdmin or QCERUsers group and validates the User credentials using Windows authentication API "LogonUser" method. In all other cases, the login fails and the User is unable to enter the package.

Step4: After successful User validation, the application prepares and sets the EasyMatch QC-ER access and feature privilege depending on whether the User is a member of the QCERAdmins or QCERUsers groups.