Network requirements
for the IAR license server

This QuickStart card describes the network requirements for the IAR license server.

For more detailed information, see the *Installation and Licensing Guide*, which is included on the product CD as the file InstallationGuide.pdf.

If you run the IAR tools on a PC (client) and use network licensing, the tools will contact the license server to obtain a license.

The client-server communication is handled via the UDP protocol at port 5093 on a TCP/IP network.

If a firewall or network bridge is installed between the client and the server, the minimum requirement is that UDP packets at port 5093 are routed.

UDP broadcast packets at port 5093 are also used in the following situations:

 * During installation of the tools on a client to automatically find and set up the server location in the "license.ini" file.

 * During a broadcast from the IAR license manager when 'show all' is checked.

 * Broadcast is also used as last resort if the client does not find/know any server.

In network configurations where the broadcast function is not available or the license server is not yet up and running, the server location must be manually entered in the "license.ini" file.

The "license.ini" file is located at X:\Program Files\Common Files\IAR systems\License\Embedded Workbench\yy\zz\, where X is the drive where the software was installed.

The `Loc0` entry must be added under the `[LicenseLocation]` category:

Syntax:

`LocX=<feature name>,<feature version>,server:<IP address>`

The `LocX` defines where to find the specific feature. `X` must start from 0, and if there are more than one licensed component (feature), the `X` numbers must be in contiguous order.

Example:

```
[LicenseLocation]
Loc0=EWV850,01_WIN,server:192.10.1.1
Loc1=EWV850-R,01_WIN,server:192.10.1.1
```