

License Checking

License Checking Facility

InterSystems has modified and extended the license checking facility in Open M [DTM] for DOS 6.4 and Open M [DTM] for Windows 6.4 to correlate with the company's new product licensing and pricing structure.

You should be aware that in some cases the new license checking facility enforces user count restrictions more accurately than earlier versions of the product did. This means that if the number of users on your system exceeds the number of users for which you are licensed, some users will encounter "License limit exceeded" errors when attempting to use the system.

To avoid such problems, you should take the following steps before installing Open M in a production environment:

1. Familiarize yourself with the new product licensing and pricing structure.
2. Read this document carefully to understand what categories of user licenses the license checking facility counts and how it counts them.
3. Determine how many users in each of the user license categories your system needs to support.
4. Make sure that your product licensing agreement provides for the number of user licenses you require.
5. If your calculations indicate that you need to purchase additional licensing, contact your InterSystems sales representative.

Counting User Licenses

Open M now maintains run-time counters for the following categories of users:

- Directly connected users (maximum # of users)
- User jobs (maximum # of user jobs)
- Remote Client Users (including Visual M users)

Accounting for Directly Connected Users

The category “Directly Connected Users” is the maximum number of users for which the system is licensed. You can think of this number as the number of foreground jobs. Essentially, it is a check on the number of people who log on to the system via a CRT or equivalent, e.g.:

- Terminal emulation
- Asynchronous connection
- LAT

Accounting for User Jobs

The category “User Jobs” is the maximum number of background jobs that can be created by directly connected users. This number varies, depending on the number of directly connected users for which your system is licensed.

If your license does not provide an adequate number of background jobs, you may purchase additional background jobs.

Every license is always entitled to a minimum of 8 background jobs.

Accounting for Remote Client Users

The category “Remote Client Users” counts the total number of users on all clients that connect remotely to your Open M Server.

The license checking facility counts Visual M clients as remote client users. However, it does not count Visual M daemons or network daemons in this category.

Multiple Visual M connections from the same client to the same server count as one remote client user. However, if a single remote client generates both a network connection and a Visual M connection to your Open M Server, each counts as a separate remote client user.

Open M clients using ISNET to connect to an ISM server now send licensing information to the ISM system.

Interoperation with Existing Keys

Open M [DTM] for DOS 6.4 and Open M [DTM] for Windows 6.4 support complete interoperability with your existing keys.

If you want your system to act as a remote server, you must purchase an Open M Server license.

If you want your system to act as a Visual M server, you must enable the “Windows” option in the key.