

# AreaList Pro

Version 8.3

Release notes

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<http://www.e-node.net/alp>

This release fixes several bugs and brings a new, simplified license system.

## System requirements

AreaList Pro 8.3 requires 4D v2004 or higher (including 4D v11 SQL).

## Fixed bugs

- Drag & drop between two ALP areas in v11 crashed on MacOS X 10.6 Snow Leopard.
- Time popup menus in long integer time columns confused AM and PM on Windows.
- *AL\_SetSelect* crashed when selecting row #1 and extending the selection with shift-click.
- ALP got an improper update event while calling 4D with GOTO RECORD call.
- Duplicate arrays caused a crash when calling *AL\_SetSort*.
- Displaying the sort editor caused a crash when Unicode mode was set to On in a v11 database.
- General stability improvements, especially with calculated columns.

## Syntax modification

*AL\_Register* now expects only one parameter, as there is now only one registration key (see below).

## New license system

Only one registration key is required. The key is either linked to the 4D or 4D Server serial number, or to the name of the company / developer.

Like all e-Node plug-ins, AreaList Pro offers six different license types. There are no such things as MacOS vs Windows or Development vs Deployment:

- **Single user license.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on 4D Standalone or Runtime. Since the registration key is linked to a specific 4D license, you need to provide the number returned by the 4D command GET SERIAL INFORMATION (first parameter). A new license will be provided for free at any time if you change your 4D version and / or get a new 4D registration key.
- **Small server.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on 4D Server up to 10 users. The registration key is linked to your 4D Server license just as above.
- **Medium server.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on 4D Server up with 11 to 20 users. The registration key is linked to your 4D Server license just as above.
- **Large server.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on 4D Server over 20 users. The registration key is linked to your 4D Server license just as above.
- **Unlimited Single User.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on as many 4D Standalone, Runtime or Engine copies that run your 4D application(s). This is a yearly license, which expires one month after the date when it is to be renewed. The expiration only affects interpreted mode. Compiled applications using an obsolete license will never expire.
- **Unlimited OEM.** This license allows development (interpreted mode) or deployment (interpreted or compiled mode) on as many 4D Server (of any number of users), 4D Standalone, Runtime or Engine copies that run your 4D application(s). This is a yearly license, which expires one month after the date when it is to be renewed. The expiration only affects interpreted mode. Compiled applications using an obsolete license will never expire.

A 4D database used to retrieve your 4D serial information is available from the following link:

<http://www.e-node.net/ftp/GetSerialInfo>