SafeGuard LM 6.4 System Requirements

The following minimum system requirements are listed by platform for this release.

The software installation is around 65 +/- MiB per platform.

**Windows: (32-bit/64-bit)**

- Windows 7
- Windows 8
- Windows 10, +

Java developers:
- JRE 8u144 (Also required to run the SafeGuardManager.jar license generator)
- JDK 8u144

Cython developers:
- Cython 0.29.5

Python developers:
- Python 3.6.5 or Python 3.7.5

C / C++ developers:
- Visual Studio Express 2015

FORTRAN developers:
- gfortran 6.3.0 or higher.
- Intel Fortran 18.0 (XE 2018)

VB.NET developers:
- Visual Studio Express 2015

MetaTrader 4 developers:
- Visual Studio Express 2015

AutoHotKey developers:
- V1.1.30.03 is the current stable version. But anything after v1.1 should be alright
**MacOS: (64-bit)**

MacOS 10.14 (Mojave)

Java developers:
- JRE 8u144
- JDK 8u144
  (Also required to run the SafeGuardManager.jar license generator)

Cython developers:
- Cython 0.29.5

Python developers:
- Python 3.6.5 or Python 3.7.5

Perl developers:
- ActivePerl 5.24.3

C/C++ developers:
- gcc x86_64-apple-darwin17.3.0

PHP 7 developers:
- PHP 7.1.11

FORTRAN developers:
- gfortran 6.3.0
- Intel Fortran 18.0 (XE 2018)
Linux Intel: (32-bit/64-bit)

(Note: Linux distributions are very good at downward compatibility. Therefore, even though we will be building on Ubuntu 16.04, we will provide as best we can a downward compatibility list of operating systems for both 32 and 64 bit Linux versions)

GLIBC 2.23 or higher is required for support.
To check the version of GLIBC from a Terminal window type the command: ldd --version (that is two dashes)
Although 2.14 will probably not be an issue we cannot guarantee it.

Java developers:
   JRE 8u144       (Also required to run the SafeGuardManager.jar license generator)
   JDK 8u144

Cython developers:
   Cython 0.29.5

Python developers:
   Python 3.6.5 or Python 3.7.5
   (Note: Depending on which Linux you are running, you may need to build from Python sources)

Perl developers:
   Perl 5.28.0

C/C++ developers:
   gcc 5.4.0 +

PHP 7 developers:
   PHP 7.1.11

FORTRAN developers:
   gfortran 5.4.0
   Intel Fortran 18.0 (XE 2018)
Linux Intel: (64-bit)

Support for older GLIBC 2.11.1

We have a Linux 64 bit build that supports GLIBC 2.11.1 if you require this.

To check the version of GLIBC from a Terminal window type the command: ldd --version (that is two dashes)

Java developers:
   JRE 8u144
   JDK 8u144
   (Also required to run the SafeGuardManager.jar license generator)

Cython developers:
   Cython 0.29.5

Python developers:
   Python 3.6.5 or Python 3.7.5
   (Note: Depending on which Linux you are running, you may need to build from Python sources)

Perl developers:
   Perl 5.28.0

C/C++ developers:
   gcc 5.4.0 +

PHP 7 developers:
   PHP 7.1.11

FORTRAN developers:
   gfortran 5.4.0
   Intel Fortran 18.0 (XE 2018)
Linux ARM: (32-bit)

Linux armv7l (ell) 32 bit version.

(Note: Linux distributions are very good at downward compatibility. Therefore, even though we will be building on Raspbian (for 32 bit) we will provide as best we can a compatibility list of operating systems for both 32 and 64 bit ARM Linux versions)

GLIBC 2.24 or higher is required for support.
To check the version of GLIBC from a Terminal window type the command: ldd --version (that is two dashes)

Java developers:
   JRE 8u65    (Also required to run the SafeGuardManager.jar license generator)
   JDK 8u165

Cython developers:
   Cython 0.29.5

Python developers:
   Python 3.6.5 or Python 3.7.5
   (Note: Depending on which Linux you are running, you may need to build from Python sources)

Perl developers:
   Perl 5.24.1

C/C++ developers:
   gcc 6.3.0 +

PHP 7 developers:
   PHP 7.0.33

FORTRAN developers:
   gfortran 5.4.0
Linux ARM: (64-bit)

Linux armv8-A 64 bit version

(Note: we will be building on Ubuntu 19.10 (for 64 bit)

GLIBC 2.30 or higher is required for support.
To check the version of GLIBC from a Terminal window type the command: ldd –version (that is two dashes)

Java developers:
  JRE 1.8.0_242  (Also required to run the SafeGuardManager.jar license generator)
  JDK 1.8.0_242

Cython developers:
  Cython 0.29.10

Python developers:
  Python 3.6.5 or Python 3.7.5
  (Note: Depending on which Linux you are running, you may need to build from Python sources)

Perl developers:
  Perl 5.28.1

C/C++ developers:
  gcc 9.2.1 +

PHP 7 developers:
  PHP 7.3.11

FORTRAN developers:
  gfortran 9.2.1