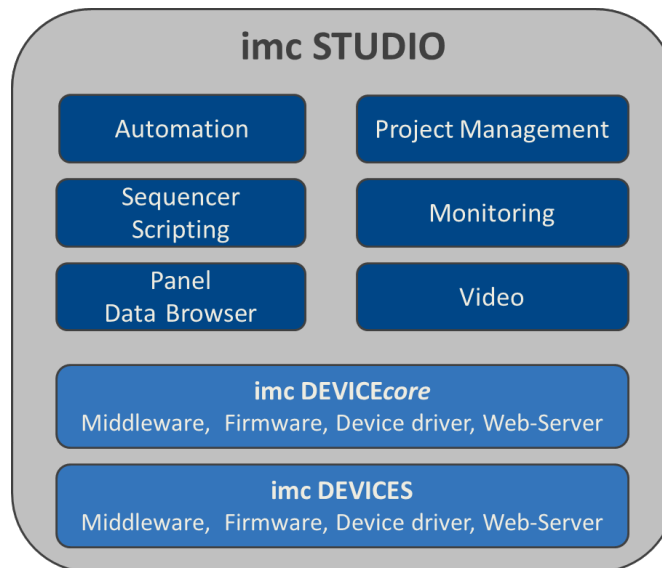


## imc STUDIO vs. imc DEVICEcore and imc DEVICES

imc STUDIO is the current universal operating software for imc measurement systems such as the imc CRONOS family of systems, imc SPARTAN, imc C-SERIES, imc BUSDAQ or imc EOS.

This software is installed on a PC. Along with the PC software, the installation comprises components such as device drivers and firmware. The firmware is loaded into the system hardware in a firmware update. Some other components constitute so-called "middleware", which serves as an interface between the elements of the system and the PC.



### imc DEVICEcore and imc DEVICES as a driver package for imc STUDIO

The drivers and firmware components are grouped under the headings "imc DEVICEcore" and "imc DEVICES", or rather, they are contained in this packages. Thus at least one of the two driver packages is a necessary requirement for the running of imc STUDIO.

- imc DEVICEcore: For devices belonging to group 10 or higher (e.g EOS)
- imc DEVICES: For devices belonging to groups 4-7 (e.g. CRONOS family, C-SERIES, SPARTAN, BUSDAQ)

Both packages can be installed and operated in parallel. The software and the devices automatically apply the appropriate package.

#### Note

#### Parallel operation

**imc DEVICEcore:** The associated firmware- and driver package ships with the software used, and is installed in the software's installation folder. Any other installations are not recognized and thus cannot be used. In some cases, a firmware update is not mandatory. In such cases, the update is available to you as "optional". However, we still recommend performing the update, since every update not only implements improvements, but also fixes any bugs.

**imc DEVICES:** It is possible to work with multiple groups of imc DEVICES simultaneously and in parallel. In special cases, this may be relevant or even recommendable, particularly in conjunction with the use of multiple devices.

### Compatibility between imc STUDIO and imc DEVICEcore

In regard to the use of imc DEVICEcore as the device driver, there is a clear distinction determining the compatibility of versions:

imc STUDIO version	assigned firmware version
6.0R1 (EOS Release)	3.3R4
2022	3.4R2

### Compatibility between imc STUDIO and imc DEVICES

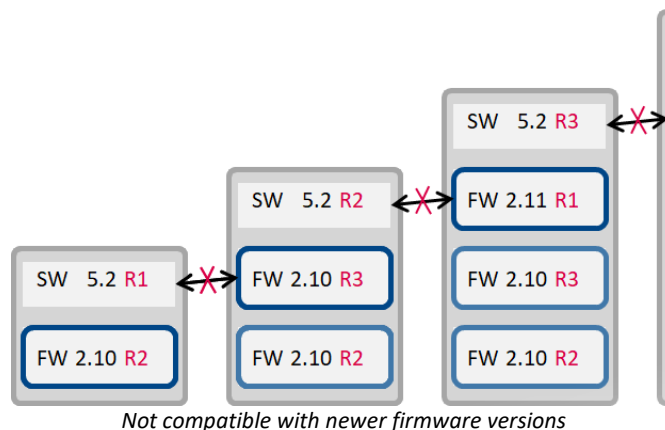
In regard to the use of imc DEVICES as the device driver, there is a clear distinction determining the compatibility of versions/version groups:

imc STUDIO version	assigned firmware group	additionally compatible
5.0R1	2.8R5	2.8R3
5.0R3	2.8R7	2.8R3, 2.8R5
5.0R5+	2.9	2.8R3, 2.8R5, 2.8R7
5.2R1-R2	2.10	
5.2R3-R9	2.11	2.10
5.2R10+	2.13	2.10, 2.11
6.0 (EOS Release)	2.14	
2022	2.15	2.14
...	...	

**For version 5.0**, the applicable rule is: the assigned group and all **predecessor groups going back to 2.8R3** are compatible with the imc STUDIO-version used.

**For version 5.2**, the applicable rule is: the assigned group and all **predecessor groups going back to 2.10** are compatible with the imc STUDIO-version used.

**As of version 2022**, the applicable rule is: the assigned group and all **predecessor groups going back to 2.14** are compatible with the imc STUDIO-version used.



### Overview of the versions

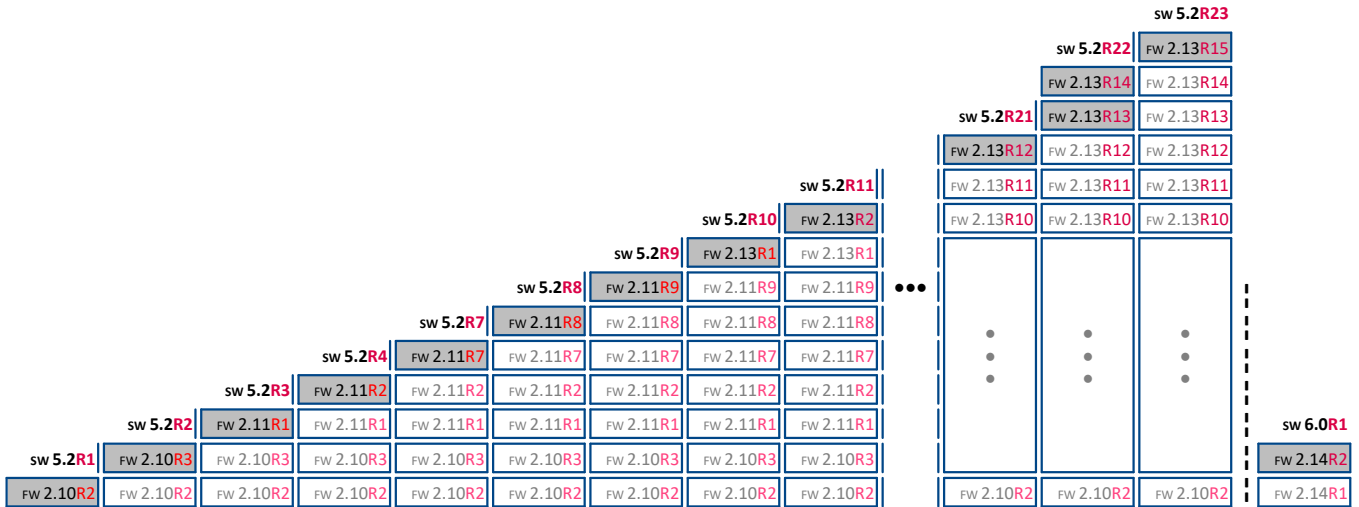


Table: Overview of the versions 5.2



Table: Overview of the versions 6.0 and 202x

# Installation

## Components of the product installation medium

When imc STUDIO is installed from the installation medium or after downloading the installation package, supplemental components are installed along with the actual core product. In particular, this includes an up-to-date and appropriate version of the driver packages (imc DEVICEcore / imc DEVICES). Further global system components, which are also used by other imc products (such as the curve window, etc.) are grouped under the package name "imc Shared Components".

Following the installation procedure, it is possible to specify whether the components are to be installed either automatically, or individually upon selection.

## Update-Installation and uninstalling

When installing an update of imc STUDIO which replaces an existing older version with an up-to-date version, it is generally recommended to uninstall the older version.

However, this procedure intentionally does not include automatic uninstalling of the older version of the imc DEVICES driver package.

In contrast to imc DEVICES, the driver package imc DEVICEcore will always reside in its latest version, only. This is why it will always completely deinstall upon deinstallation of imc STUDIO.



### Note

### imc DEVICES

To ensure that imc STUDIO also uses up-to-date drivers and firmware, please uninstall any existing older versions of imc DEVICES. This can also be performed subsequent to the completed installation of imc STUDIO by means of the Windows Control Panel.plate

## Determining what versions are used

The file "ReadMe.txt" which comes with the installation package explicitly lists all components along with their version numbers and creation dates.

When in doubt, it is possible to view in the "Info" dialog of the imc STUDIO program currently running in order to learn what version of imc DEVICEcore and imc DEVICES was installed in conjunction with imc STUDIO.

Additionally, it is possible to use the dialog "Device Properties" pertaining to the currently connected device in order to verify whether this driver version actually was loaded to the device. In case only a single (current) version of imc DEVICES is located on the computer, then performing the "Prepare" procedure on the configuration always ensures that this version is transferred to the device (by firmware update).

# Nomenclature of the data media and installation packages

The circumstances regarding imc STUDIO's software components, as just described, explain the necessity of maintaining a detailed and structured version nomenclature.

First of all, the installation medium/download package contains a version of imc STUDIO, for instance "5.2R11", which is uniquely denoted by its Build-date.

The assigned version of imc DEVICES, for example 2.13R2, is also relevant, as it often has its own (differing) Build-date.

Additional supplements are then denoted by the designation "AddOn" with an appended unique date, for instance imc STUDIO 5.2R11 2019-09-06 AddOn 2019-10-22. Any changes to imc DEVICES such as firmware patches are listed and typically annotated in the file AddOn\_Info.txt.

If you have problems or questions, please contact our Customer Support/Hotline:

## imc Test & Measurement GmbH

Hotline (Germany): **+49 30 467090-26**

E-Mail: [hotline@imc-tm.de](mailto:hotline@imc-tm.de)

Internet: [www.imc-tm.com](http://www.imc-tm.com)

## International partners

For our international partners see [www.imc-tm.com/distributors/](http://www.imc-tm.com/distributors/).