

Release Notes 2022

MIKE Core SDK

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Introduction

Welcome to MIKE Core SDK 2022 Update 1

In this Release Note you will find information about new features of MIKE Core SDK, and what you need to know in order to install and get started with Release 2022.

MIKE Core SDK is a software development kit that allows you to easily write code that accesses and produces files in the main MIKE data formats.

Note: The MIKE Core SDK installer installs libraries that run the MIKE Core SDK functionality only. The installer does not install documentation or examples. Documentation and examples can be found at <http://docs.mikepoweredbydhi.com/>.

System requirements

Operating systems

Fully supported Windows operating systems *	Windows 11 Pro, version 21H2 (64 bit) Windows 10 Pro, version 21H2 (64 bit) Windows Server 2022, version 21H2 Windows Server 2019 Standard, version 1809
Non-supported but partially tested operating systems **	Windows Server 2016 Standard, version 1607

* Fully supported operating systems are systems that have been tested in accordance with MIKE's Quality Assurance procedures and where warranty and software maintenance agreement conditions apply.

** Non-supported but partially tested operating systems are systems, which are not officially supported by the MIKE software products. These operating systems have only undergone very limited testing for the purpose of MIKE software, but the software and key features are likely to work. Installation of MIKE software on a non-supported operating system is done so at the user's own risk. The MIKE software warranty and software maintenance agreement conditions do not apply for unsupported operating systems and DHI is under no obligation to provide assistance or troubleshooting for cases where the software is being used on a non-supported operating system.

Please note that when running a fully supported operating system as a 'guest operating system' on a virtualization platform, it is automatically downgraded to a non-supported operating system under the conditions provided above.

Minimum hardware/software requirements

Processor	compatible with x64 instruction set, 2.2 GHz or higher
Memory (RAM)	4 GB or higher *
Storage	64 GB or higher *
Display	resolution 1024 x 720 (High-Definition) or higher, 24-bit color (true color)
Graphics adapter	64 MB RAM (256 MB RAM or higher recommended), 32-bit true color
Software requirements	Microsoft .NET Framework 4.7.2 or higher

* The actual required amount of memory and disk space depend on the usage (application, model setup, size of data files etc.)

Installation

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To install MIKE Core SDK, please go to the 'MIKE Core SDK' product folder and execute the setup.exe file either on the MIKE 2022 USB or from the downloaded, un-zipped installation files. Press the 'Install' button to begin installation.

Note: The MIKE Core SDK installer installs libraries that run the MIKE Core SDK functionality only. The installer does not install documentation or examples. Documentation and examples can be found at <http://docs.mikepoweredbydhi.com/>.

License file and dongle

MIKE Core SDK does not require a license.

Product invocation

The MIKE Core SDK is used from within a development environment e.g., Visual Studio. To access the MIKE Core SDK documentation, please have a look at the documentation and examples at <http://docs.mikepoweredbydhi.com/>.

Support

For general support, please refer to our [FAQ](#).

If you experience any difficulties, or if you have questions, please contact our Customer Care team by e-mail or phone:

If you experience any difficulties, or if you have questions, please contact our Customer Care team at mike@dhigroup.com.

You can also contact your local Customer Care team for support in your local language. A list can be found [here](#).

New features and fixed issues

Every new release of MIKE Core SDK consists of new modules, new features and/or corrections to problems or significant inconsistencies discovered in previous releases. Please find below short descriptions of the most significant news.

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Fixed issues

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Module/type	Error/Inconvenience
General	Added functionality to read specific time steps while streaming

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New features

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Module/type	New feature
General	Added ability to read SWMM, EPANet and Water Hammer result files by the MIKE 1D ResultData object, i.e., files with extensions, .out, .res, .resx, .whr, .msxr. SWMM5 interface text file outputs (.txt) can also be read.