

Release Notes 2020

MIKE URBAN

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Introduction

Welcome to MIKE URBAN 2020 Update 1

In this Release Note, you will find information about new features of MIKE URBAN, and what you need to know in order to install and get started with Release 2020.

MIKE URBAN is a flexible system for modeling and design of water distribution networks and collection systems for wastewater and storm water. MIKE URBAN is based on a database for storing network as well as hydraulic modeling data.

Please note that the MIKE URBAN 2020 is the last major release of MIKE URBAN. The product will be maintained and critical errors will be fixed until end of calendar year 2020. Please refer to our new product, MIKE URBAN+ which is the successor MIKE URBAN.

System requirements

The recommended minimum system requirements are:

Fully supported Windows operating systems *	Windows 10 Pro, version 1909 (64 bit) Windows Server 2016 Standard (64 bit) Windows Server 2019 Standard (64 bit)
Processor	x64, 2.2 GHz (or higher)
Memory (RAM)	2 GB (or higher)
Hard disk	40 GB (or higher)
Monitor	SVGA, resolution 1024x768 in 16-bit color
Graphics adapter	64 MB RAM (256 MB RAM or higher recommended), 32-bit true color
File system	NTFS

Software requirements	Microsoft .NET Framework 4.7.2 or later
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* 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.

Installation

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DHI License Management - If you are installing on a computer or server where you will also install the license file, please also install the DHI License Manager. It must be downloaded separately.

To install MIKE URBAN, please go to the MIKE URBAN product folder and execute the setup.exe file either on the MIKE 2020 USB or from the downloaded, un-zipped installation files. Press the 'Install' button to begin installation.

The setup program will automatically install all necessary files and folders on your computer. Additionally, an entry is created in the Start Menu for MIKE URBAN.

MIKE URBAN Release 2020 is based on ArcGIS 10.7.1. If you have ArcGIS versions prior or later than 10.7.1 installed, it will not be possible to keep these.

Important information: Please be aware that all MIKE software on the same computer must be installed with the same service pack. This is due to the dependencies between MIKE software products and the ability for the software to use the latest feature and systems updates.

License file and dongle

To use MIKE software in licensed mode, please refer to the DHI License Manager Release Notes ([License Manager Release Notes](#)).

During installation of MIKE URBAN, you will be given the option of viewing detailed descriptions of how to install and authorize ArcGIS. These documents are also available from the \Program Files (x86)\DHI\2020\ArcGIS 10.7.1\DHIInstall\Instructions\Subfiles directory after installation.

Product invocation

Launch MIKE URBAN from the Windows Start menu.

Support

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

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

Customer Success

DHI A/S
Agern Allé 5
DK-2970 Hørsholm
Denmark

mike@dhigroup.com
Tel: +45 4516 9333

You can also contact your local Customer Success team for support in your local language. You can find the list [here](#).

New features and fixed issues

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Release 2020 Update 1

Every new release of MIKE Urban consists of new modules, new features and/or corrections to problems or significant inconsistencies discovered in previous releases. Please find short descriptions of the most significant news in Release 2020 Update 1 below.

Fixed issues

Module/type	Error/Inconvenience
Collection system	Correction of error in export of vertices and tags to SWMM
Collection system	Correction of error in display of profile plots
MIKE 1-D engine	Corrected error when reading models with a large number of link regulations
MIKE 1-D engine	Corrected error with export of pump stop values when using RTC
Water distribution	Correction of errors when simulating air valves and water pressure

Release 2020

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New features

Module/type	New feature
General	MIKE URBAN now supports the latest update to ArcGIS Desktop, version 10.7.1.
Collection system	Transfer of MOUSE long-term statistics functionality to MIKE 1D, including: <ul style="list-style-type: none"> Recovery after a failed job. Generation of an LTS job list using the LTS_JOBLIST_INFLOW_TIMESERIES dhiapp.ini parameter.

Fixed issues

Module/type	Error/Inconvenience
Results presentation	GUI bug fixed to enable selection of dfs2 result files.
Collection system	Correction of error in application of Colebrook-White friction loss formulation to rising mains.

MIKE Powered by DHI

Collection system	Correction to remove reporting of above-ground results for sealed covers.
Collection system	Correction of error in simulation of low-flow events using runoff model B.
Collection system	Added compatibility between MOUSE and M1D input files (.adp files).
Collection system	Correction of differences in friction losses when using different loss formulations.