

WEST

Installation Guide 2020 Update 1



DHI A/S headquarters

Agern Allé 5 DK-2970 Hørsholm Denmark

+45 4516 9200 Telephone +45 4516 9333 Support

+45 4516 9292 Telefax

mike@dhigroup.com www.mikepoweredbydhi.com



PLEASE NOTE

COPYRIGHT

LIMITED LIABILITY

This document refers to proprietary computer software, which is protected by copyright. All rights are reserved. Copying or other reproduction of this manual or the related programs is prohibited without prior written consent of DHI A/S (hereinafter referred to as "DHI"). For details please refer to your 'DHI Software Licence Agreement'.

The liability of DHI is limited as specified in your DHI Software License Agreement:

In no event shall DHI or its representatives (agents and suppliers) be liable for any damages whatsoever including, without limitation, special, indirect, incidental or consequential damages or damages for loss of business profits or savings, business interruption, loss of business information or other pecuniary loss arising in connection with the Agreement, e.g. out of Licensee's use of or the inability to use the Software, even if DHI has been advised of the possibility of such damages.

This limitation shall apply to claims of personal injury to the extent permitted by law. Some jurisdictions do not allow the exclusion or limitation of liability for consequential, special, indirect, incidental damages and, accordingly, some portions of these limitations may not apply.

Notwithstanding the above, DHI's total liability (whether in contract, tort, including negligence, or otherwise) under or in connection with the Agreement shall in aggregate during the term not exceed the lesser of EUR 10.000 or the fees paid by Licensee under the Agreement during the 12 months' period previous to the event giving rise to a claim.

Licensee acknowledge that the liability limitations and exclusions set out in the Agreement reflect the allocation of risk negotiated and agreed by the parties and that DHI would not enter into the Agreement without these limitations and exclusions on its liability. These limitations and exclusions will apply notwithstanding any failure of essential purpose of any limited remedy.



CONTENTS

WEST Installation Guide

1	Introduction	2
2	Installation Prerequisites	3
3	WEST Installation/Upgrade	4
4	DHI License File	7
5	Installation and use of external compiler	8
5.1	Visual Studio Community 2019 Installation	8
5.2	Use of external compiler in WEST 32-bit (optional)	
5.3	Use of external compiler in WEST 64-bit (required)	12



1 Introduction

This installation guide covers the installation of WEST 2020 and required 3rd party software.

WEST 2020 is available as:

- 1. 32-bit version
- 2. 64-bit version, requiring the installation of an external compiler

This guide describes the installation process for all the different deployment patterns and required associated 3rd party software.

Important information: Please be aware that all MIKE software (including the DHI License Manager) on the same computer must be installed with the same version. This is due to the dependencies between MIKE software products and our wish to use the latest and technically most advanced development systems.



2 Installation Prerequisites

WEST 2020 depends on some prerequisites as listed below:

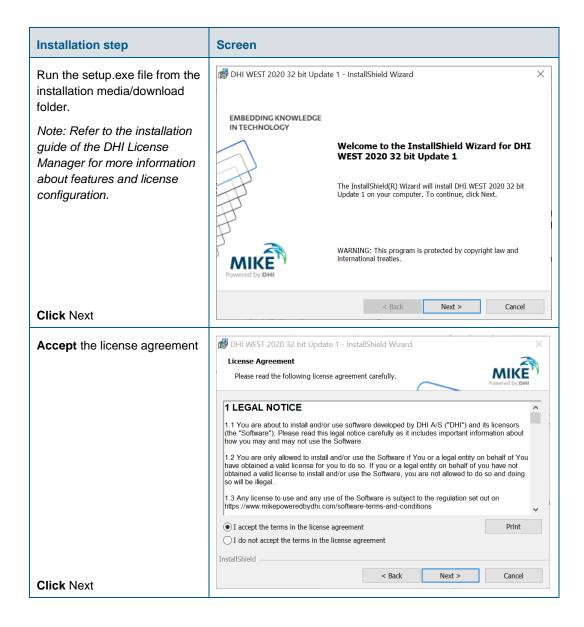
- 1. Fully supported Windows operating systems:
 - Windows 10 Pro, version 1909 (64 bit)
 - Windows Server 2016 Standard (64 bit)
 - Windows Server 2019 Standard (64 bit)
- 2. The DHI License Management application, to be downloaded and installed separately. Only required if local license mode (physical dongle) is used.
- 3. Microsoft .NET framework 4.7.2 or later



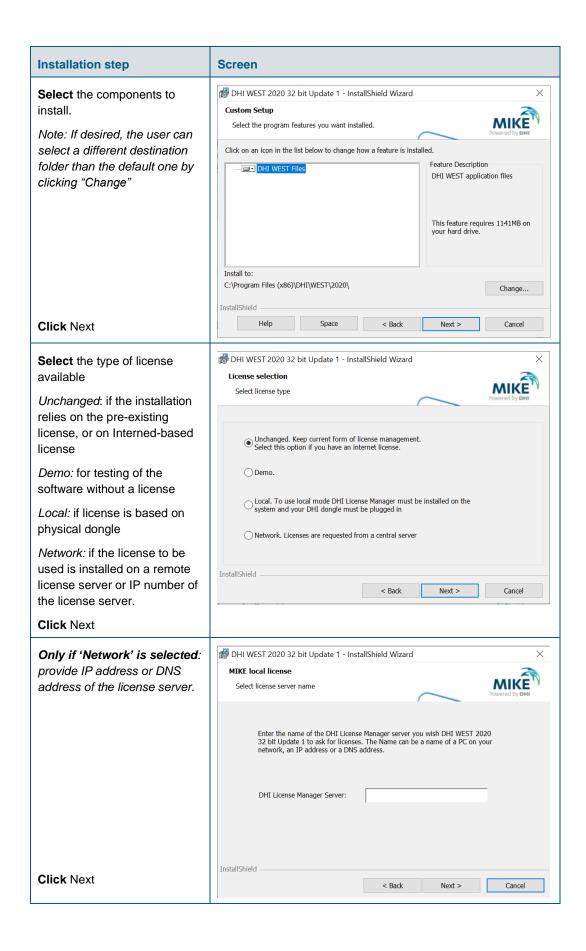
3 WEST Installation/Upgrade

WEST 2020 is installed by running the *Setup.exe* program included in the installation package. The installation process is the same for both 32-bit and 64-bit versions of WEST.

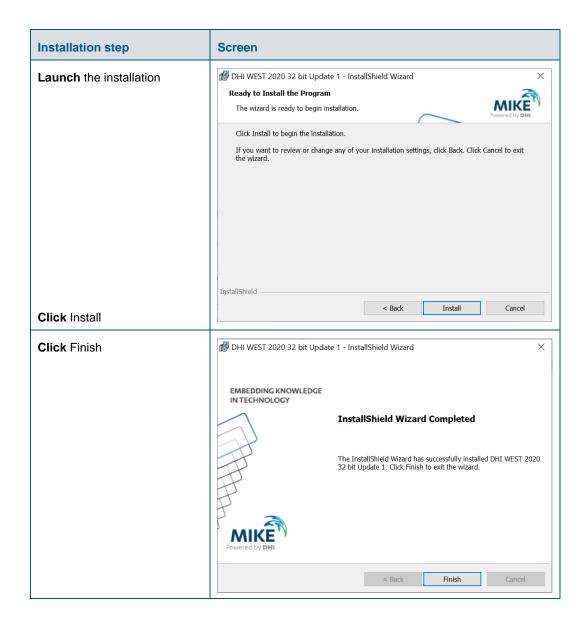
The installation of the WEST is simple and requires no user interactions beyond accepting the license conditions and specifying the installation folder. The following table outlines the installation steps for WEST 2020 (Update 1).







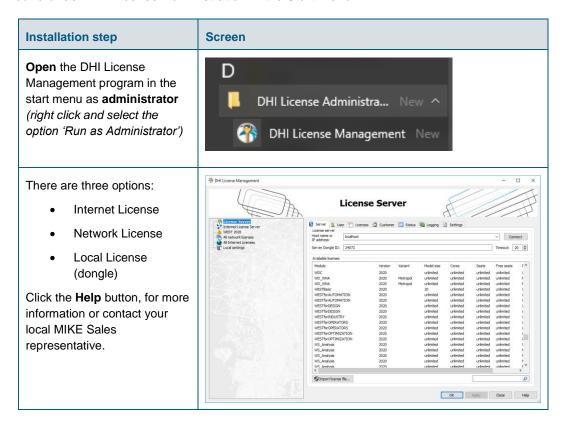






4 DHI License File

The DHI license is handled through the DHI License Management software, which can be found under DHI License Administration in the Start Menu.



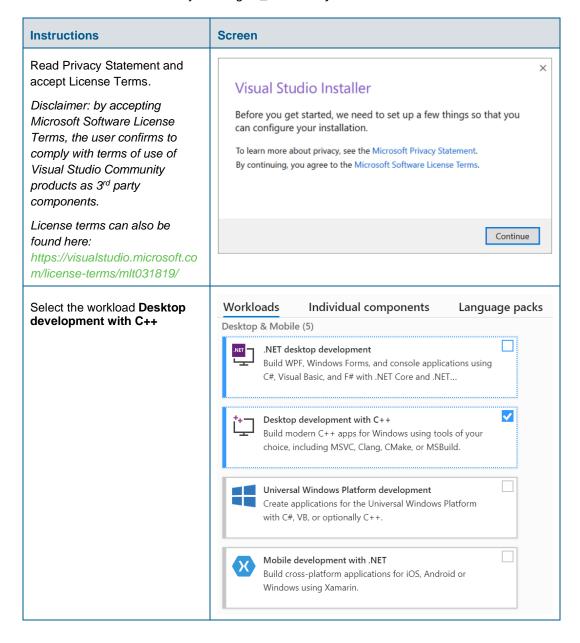


5 Installation and use of external compiler

Depending on the version of WEST installed, the user is required to install and activate an external compiler. Use of an external compiler is <u>required</u> for WEST 64-bit, while it is optional for WEST 32-bit. The recommended compiler in this Installation Guide is Microsoft Visual C++ (VC++) compiler, which is available as part of Visual Studio Community 2019 suite.

5.1 Visual Studio Community 2019 Installation

Download Visual Studio Community from https://visualstudio.microsoft.com/downloads/and launch the installation by running vs_community.exe.





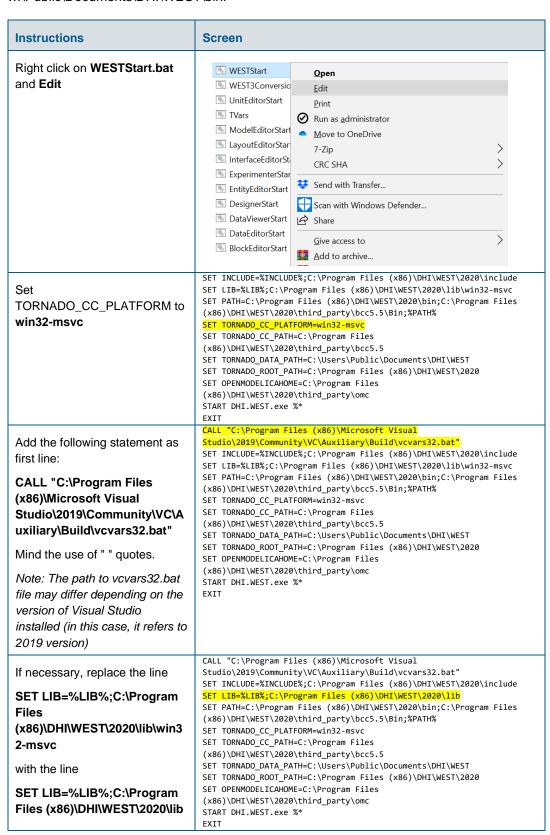
Instructions	Screen
In the Installation Details (right hand panel) select all Optional features available to ensure installation of build tools and Windows SDK	Installation details Optional MSVC v142 - VS 2019 C++ x64/x86 build tools (Windows 10 SDK (10.0.18362.0) Just-In-Time debugger C++ profiling tools C++ CMake tools for Windows C++ ATL for latest v142 build tools (x86 & x64) Test Adapter for Boost.Test Test Adapter for Google Test Live Share C++ AddressSanitizer (Experimental) C++ MFC for latest v142 build tools (x86 & x64) C++/CLI support for v142 build tools (14.25) C++ Modules for v142 build tools (x64/x86 - ex C++ Clang tools for Windows (9.0.0 - x64/x86) JavaScript diagnostics IncrediBuild - Build Acceleration Windows 10 SDK (10.0.17763.0)
Click Install	Total space required 24.59 GB Install while downloading ▼ Install

Once the installation is completed, all components can be retrieved in the folder C:\Program Files (x86)\Microsoft Visual Studio\2019\Community



5.2 Use of external compiler in WEST 32-bit (optional)

If you want to use the C-compiler with a 32-bit version of WEST (optional), you need to modify the automatically generated batch file **WESTStart.bat** located in the folder ...\Public\Documents\DHI\WEST\bin.



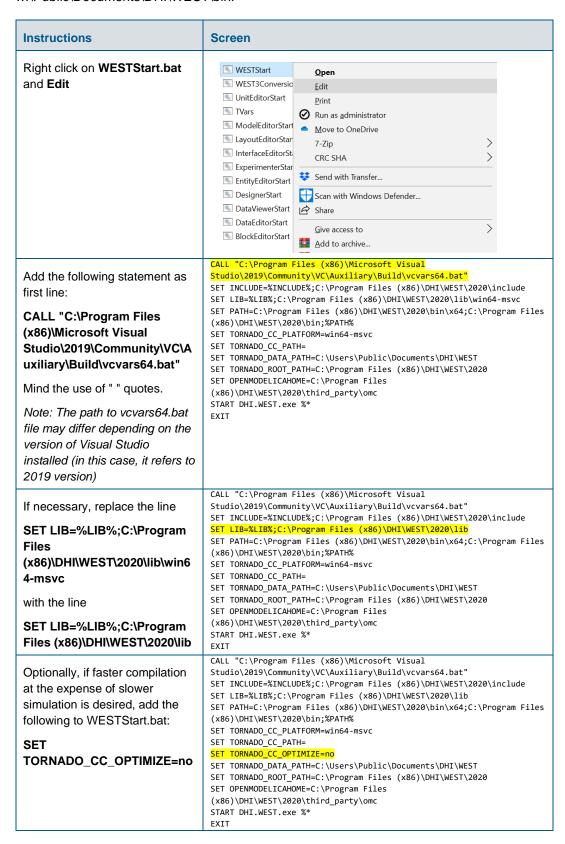


Instructions	Screen
Save WESTStart.bat and launch WEST	



5.3 Use of external compiler in WEST 64-bit (required)

In order to enable WEST 64-bit to use the C-compiler, you need to modify the automatically generated batch file **WESTStart.bat** located in the folder ...\Public\Documents\DHI\WEST\bin.





Instructions	Screen
Save WESTStart.bat and launch WEST	