

AI WEBLAUNCHER

Installation and Operation



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Date	Version	Change
20.02.2019	1.0	Initiale Erstellung

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0 Release Notes

The following table lists the software changes in relation to the individual versions of **AI WEBLAUNCHER**.

Version	Release Notes
1.0.3	Initial release
1.0.4	New code signature to avoid the Smartscreen defender warning message during the installation Extension of operations manual

1 Overview

AI WEBLAUNCHER is a modern solution based on open-source-components to start the products from Administration Intelligence AG in future. **AI WEBLAUNCHER** replaces Oracle's Java Webstart technology which will be thereby unnecessary to start the desktop applications from Administration Intelligence AG.

2 Installation

2.1 Installation with graphical user interface

An information message of Windows SmartScreen Defender may appear when starting the installation via the installation file. In case that the **AI WEBLAUNCHER** installation file is obtained from a secure source, the installation can be started by clicking at „Further Informations“ and „Continue to Execute“.

When using an administrator account you will be asked to start the installation program with administrator rights by the User Account Control. With a normal user account, the **AI WEBLAUNCHER** can only be installed into a directory with write permissions. This is normally the user home directory.



Figure 1: Start Screen of **AI WEBLAUNCHER** installation

In the second step of the **AI WEBLAUNCHER** installation, the license contract should be accepted to continue the installation.

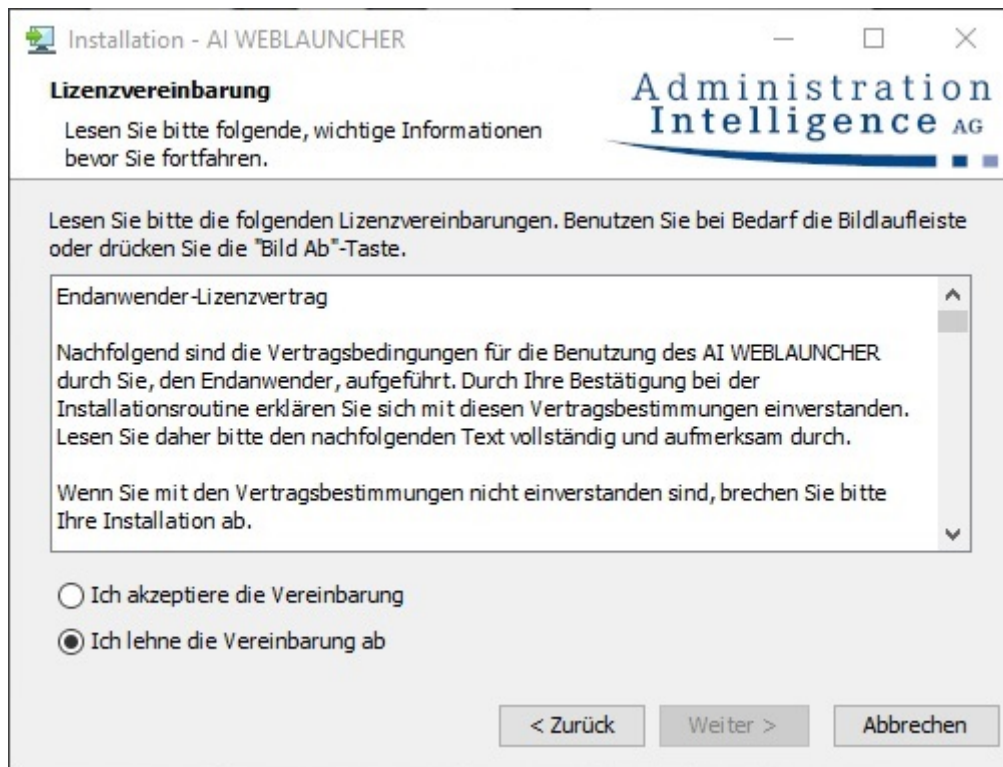


Figure 2: License contract of **AI WEBLAUNCHER** installation

The next step consists in selecting the **AI WEBLAUNCHER** installation directory.

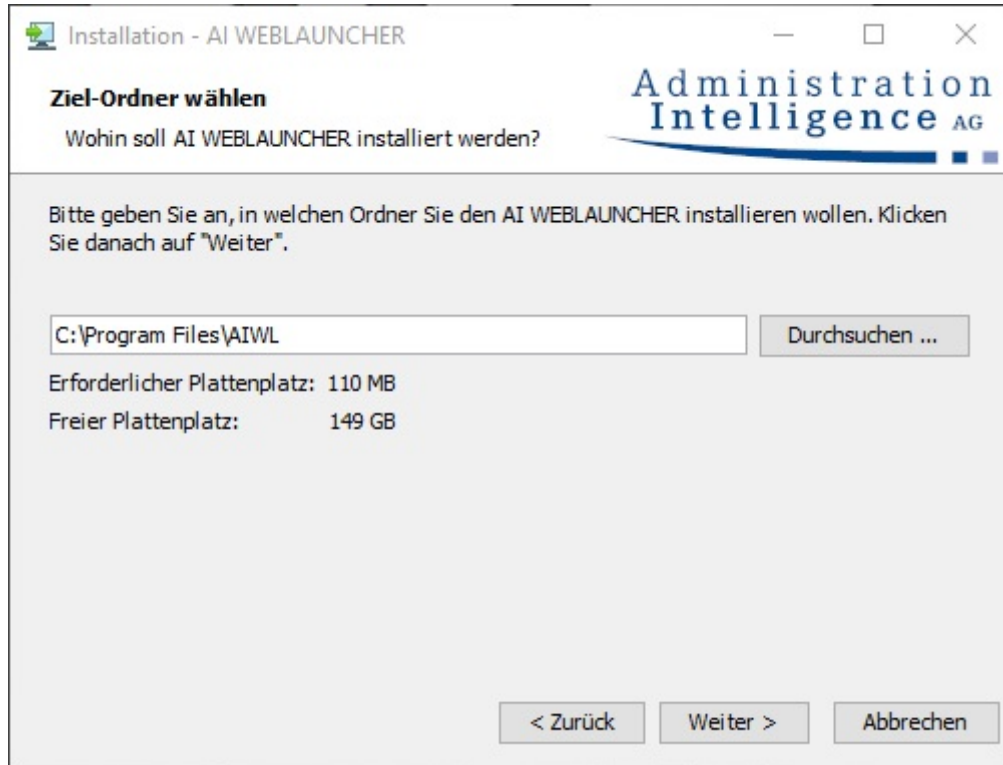


Figure 3: Selecting the **AI WEBLAUNCHER** installation directory.

AI WEBLAUNCHER will be installed into the indicated directory.

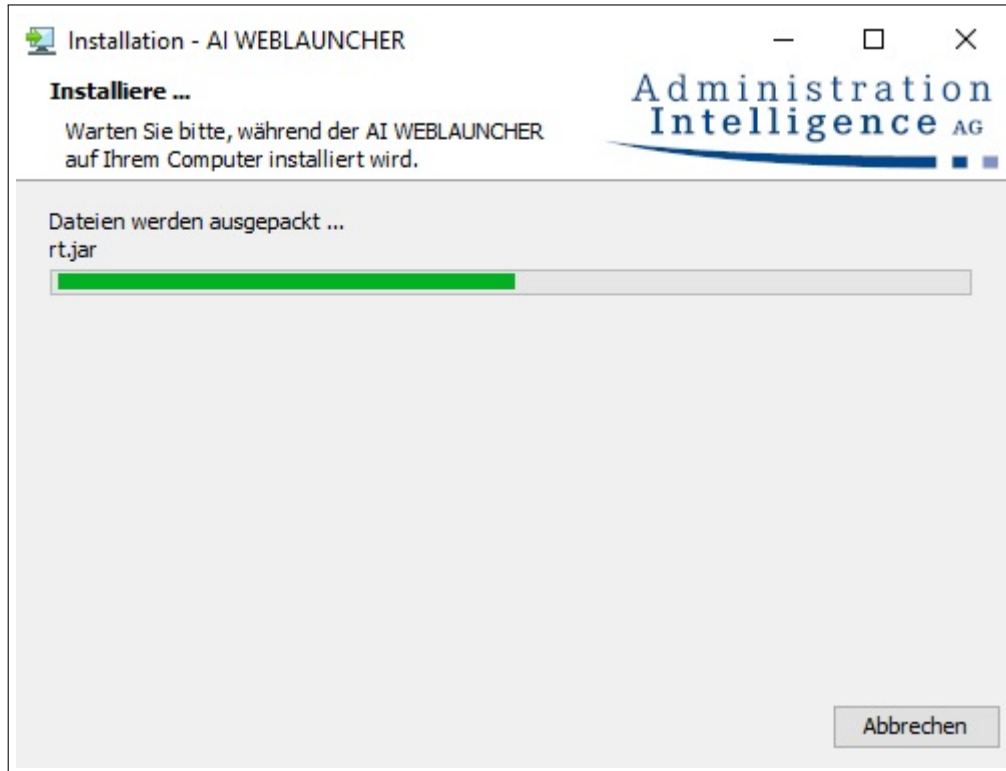


Figure 4: AI WEBLAUNCHER installation

The **AI WEBLAUNCHER** is now installed and you can start the required application.



Figure 5: Final Screen of **AI WEBLAUNCHER** installation

2.2 Installation without graphical user interface

AI WEBLAUNCHER can also be installed via command line without graphical user interface. Three different possibilities are supported. For the following examples a 64bit Windows installation is used.

2.2.1 Answering questions in the command line

Using the command `start /wait AI_WEBLAUNCHER64bit.exe -c` the **AI WEBLAUNCHER** installation can be started via the command line. Similar to the installation with graphical user interface, the entire questions have to be answered.

2.2.2 Configuration passed as parameter

Alternatively, the installation directory in which **AI WEBLAUNCHER** should be installed can be passed as a parameter to the installation file. The command for this is: `start /wait AI_WEBLAUNCHER64bit.exe -q -dir <Installationsverzeichnis>`

2.3 Starting the applications via AI WEBLAUNCHER

When the **AI WEBLAUNCHER** installation is completed, the client applications from Administration Intelligence AG can be started once. Therefore, the particular link must be clicked via web browser and then, the installation of the client application will be launched.

2.3.1 Mime-Type File Association

The **AI WEBLAUNCHER** installation generates a link to the Mime-Type application/x-aiweblaunch (file extension aiweblaunch), so that the files are automatically processed by **AI WEBLAUNCHER**.

2.3.2 File location

When the installation is completed and all pre-settings are confirmed, the application can be started. Depending on your operating system the necessary components will be downloaded to the specified location below.

Operating system	File location
Windows	%LOCALAPPDATA%\AI\PRODUCTNAME\HOSTNAME
Linux	user.home\AI\PRODUCTNAME\HOSTNAME
macOS	user.home/Library\AI\PRODUCTNAME\HOSTNAME



PRODUCTNAME and HOSTNAME are designed to be placeholders. PRODUCTNAME is to be replaced by e.g. **VM** for and **BCockpit** for **AI BIDDINGCOCKPIT**. HOSTNAME must be replaced by the server's URL.

Example for file location for :

C:\Users\jdoe\AppData\Local\AI\VM\www.vergabemanager.de\

Example for file location for **AI BIDDINGCOCKPIT**:

C:\Users\jdoe\AppData\Local\AI\BCockpit\www.vergabeplattform.ai-ag.de\

2.3.2.1 Log outputs

The log outputs of the program start can be found in the file „launcher.log“ in the application's file location. The location of the log outputs of the started client application remains unchanged.

2.3.2.2 Forcing a new download of the application

To force a re-download of the client application the files can be deleted in the file location (clearing the cache). **AI WEBLAUNCHER** will download automatically the required files from the application server again.

IMPORTANT: If proxy settings were made or SSL-certificates were permanently trusted, the files „proxy.txt“ (proxy settings) and „usertrustedcerts“ (permanently trusted SSL-certificates) must not be deleted!

2.3.3 Reading out the used version of AI WEBLAUNCHER

The used version of **AI WEBLAUNCHER** can be read out in the file „Systeminfo.html“ under „Program information“. This file is contained in the error report which can be generated in the client application.

2.3.4 Special circumstances under Windows

User Account Control

UAC describes best practices, location, values, Group Policy Management Console and security aspects for user account control. UAC increases the security in environments and is essential when working with administrative rights. It is crucial that administrative rights are

only available after confirmation and cannot be used automatically. Furthermore, the UAC is ideally suited to limit rights for non-trusted processes within a user session. This applies especially to all processes that are communicating via the internet.

3 Network Structure and Security

3.1 Proxy Dialog

When starting the application **AI WEBLAUNCHER** tries to apply automatically the proxy settings stored in the operating system and to connect to the application server using this configuration.



Figure 6: Determining the proxy-settings for **AI WEBLAUNCHER**

If it is not successful to set up an internet connection with these settings, a dialog window appears to enter the proxy configuration data manually. Please record the hostname or rather the IP address and the port of the proxy server. Along with the confirmation, these information will be remembered for subsequent starts.

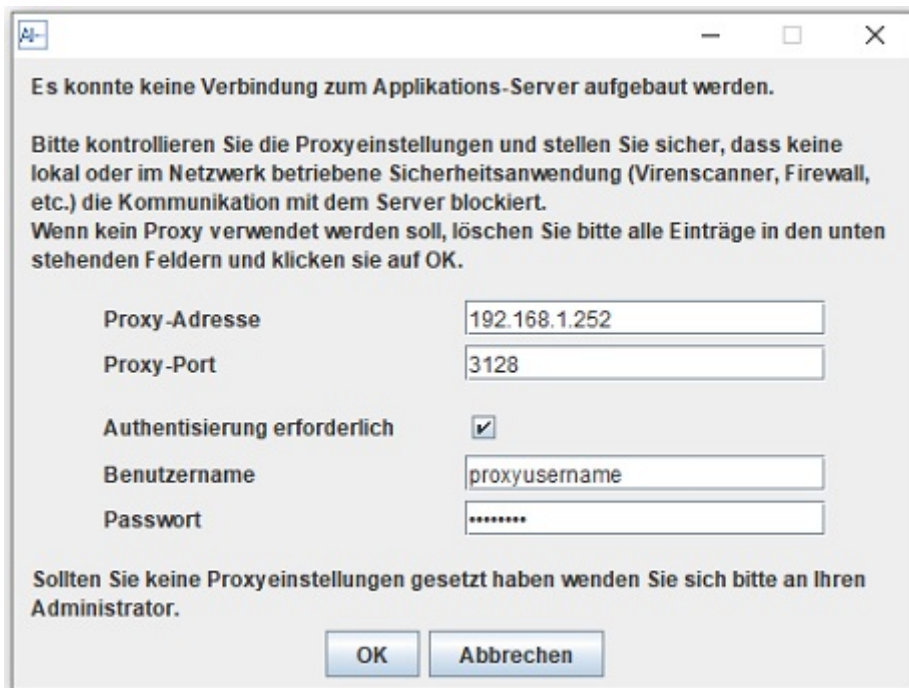


Figure 7: Proxy without authentication

If an authentication for the proxy is necessary, the corresponding check must be activated so that the user name and the password can be entered.

3.2 SSL Dialog

In case that the connection to the application server is not protected by a trusted SSL certificate, the user will be asked whether to trust it. Information regarding the issuer, certification authority and validity period will be displayed.

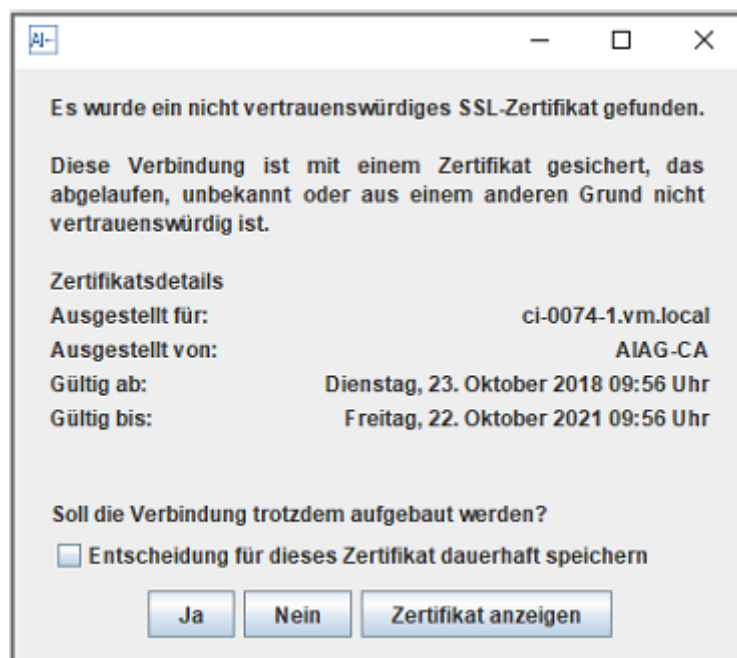


Figure 8: SSL dialog

By confirming the dialog the SSL certificate is trusted temporarily and the connection to the application server will be established. The user's decision can be remembered permanently by enabling the option at the bottom left.

3.3 Delivery of Proxy and SSL Settings by centralized distribution

To deliver the Proxy and SSL settings (see chapter 3.1 and 3.2) centrally to several workstation computers, please install the **AI WEBLAUNCHER** first and start the relevant client application once. After answering the dialogs which are explained in 3.1 and 3.2, you will find two configuration files „proxy.txt“ (proxy settings) and „usertrustedcerts“ (permanent trusted SSL

certificates). These files can be saved via central distribution at the application's file location (see chapter 2.3.2) so that they are used automatically when the application is started. The folder mentioned in the table in 2.3.2 must be created manually for a central delivery of configuration files, if the client application has not been started yet on this computer.