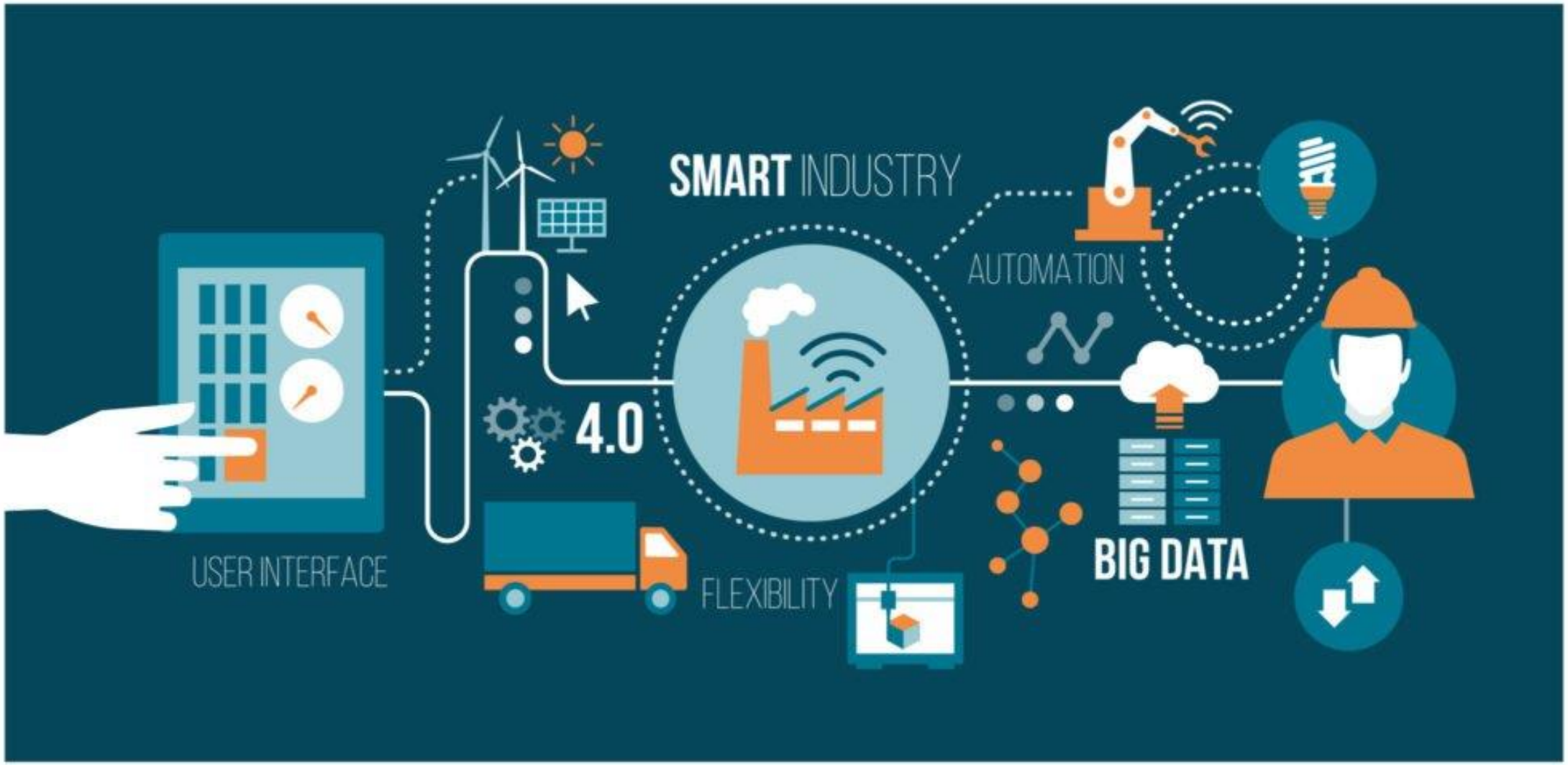
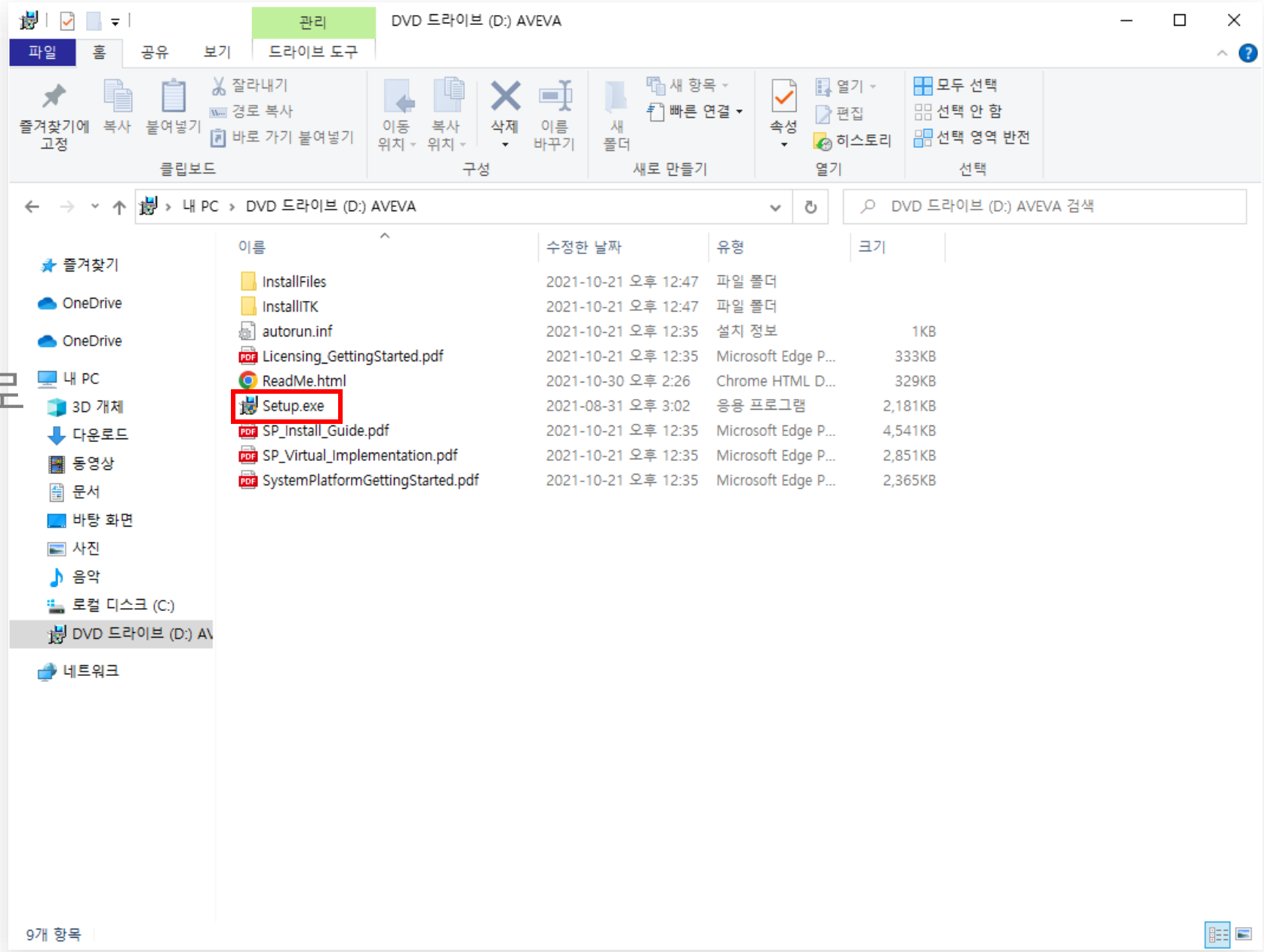
x

K-Digital Training 스마트 팩토리 3기


SMART INDUSTRY
4.0
AUTOMATION
USER INTERFACE
FLEXIBILITY
BIG DATA

InTouch 설치

관리자 권한으로
실행


관리
DVD 드라이브 (D:) AVEVA
파일
홈
공유
보기
드라이브 도구
즐겨찾기에 고정
복사
붙여넣기
잘라내기
경로 복사
바로 가기 붙여넣기
클립보드
이동 위치
복사 위치
삭제
이름 바꾸기
구성
새 폴더
새 항목
빠른 연결
새로 만들기
속성
열기
편집
히스토리
열기
모두 선택
선택 안 함
선택 영역 반전
선택
내 PC › DVD 드라이브 (D:) AVEVA
DVD 드라이브 (D:) AVEVA 검색
즐겨찾기
OneDrive
OneDrive
내 PC
3D 개체
다운로드
동영상
문서
바탕 화면
사진
음악
로컬 디스크 (C:)
DVD 드라이브 (D:) AV
네트워크
이름
수정한 날짜
유형
크기
InstallFiles 2021-10-21 오후 12:47 파일 폴더
InstallITK 2021-10-21 오후 12:47 파일 폴더
autorun.inf 2021-10-21 오후 12:35 설치 정보 1KB
Licensing_GettingStarted.pdf 2021-10-21 오후 12:35 Microsoft Edge P... 333KB
ReadMe.html 2021-10-30 오후 2:26 Chrome HTML D... 329KB
Setup.exe 2021-08-31 오후 3:02 응용 프로그램 2,181KB
SP_Install_Guide.pdf 2021-10-21 오후 12:35 Microsoft Edge P... 4,541KB
SP_Virtual_Implementation.pdf 2021-10-21 오후 12:35 Microsoft Edge P... 2,851KB
SystemPlatformGettingStarted.pdf 2021-10-21 오후 12:35 Microsoft Edge P... 2,365KB
9개 항목

AVEVA System Platform 2020 R2 SP1 Installation

Please confirm Operating System Compatibility

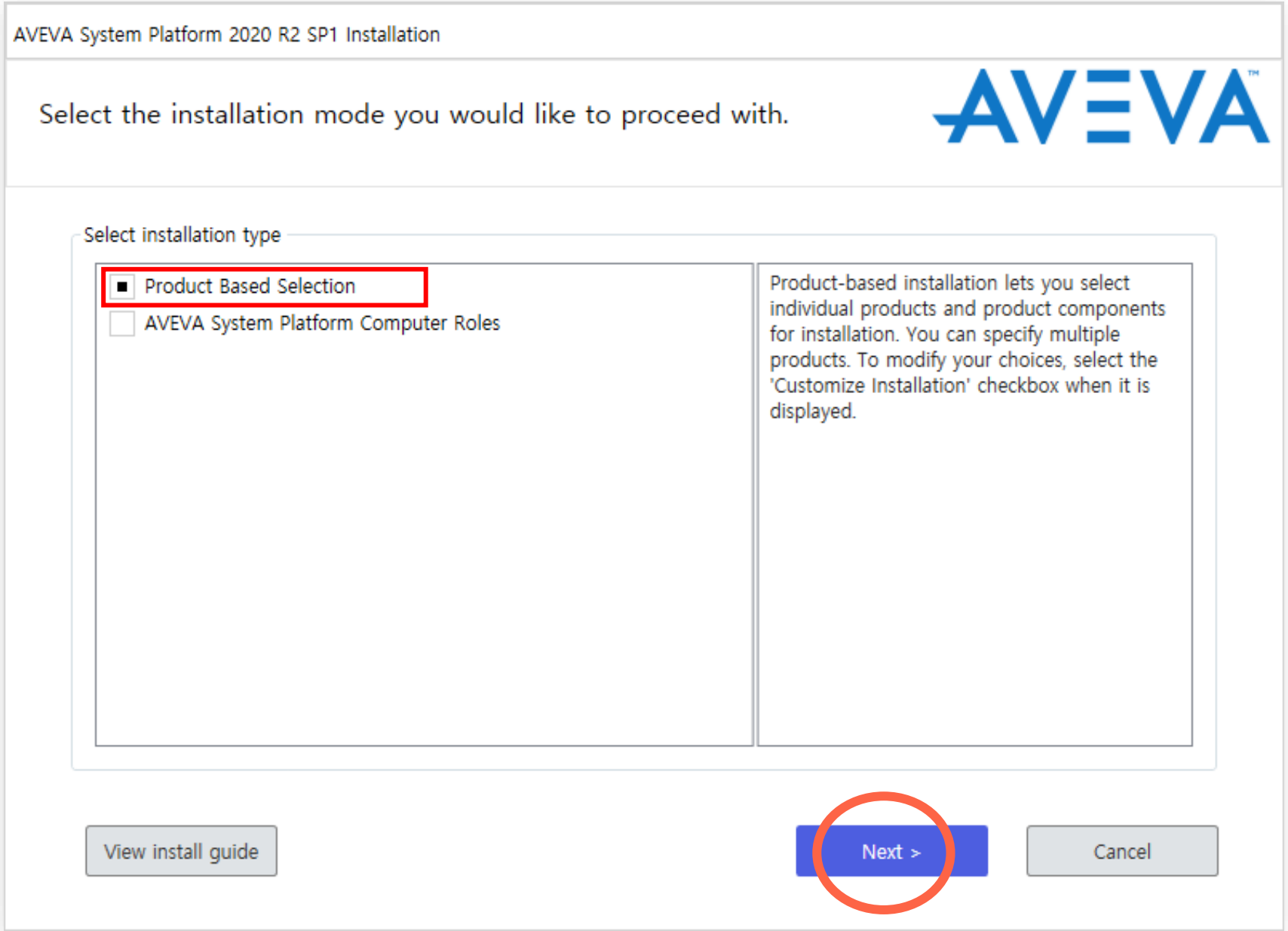
The computer is running **Microsoft Windows 10 Home Version 22H2 (OS Build 19045.2251).**

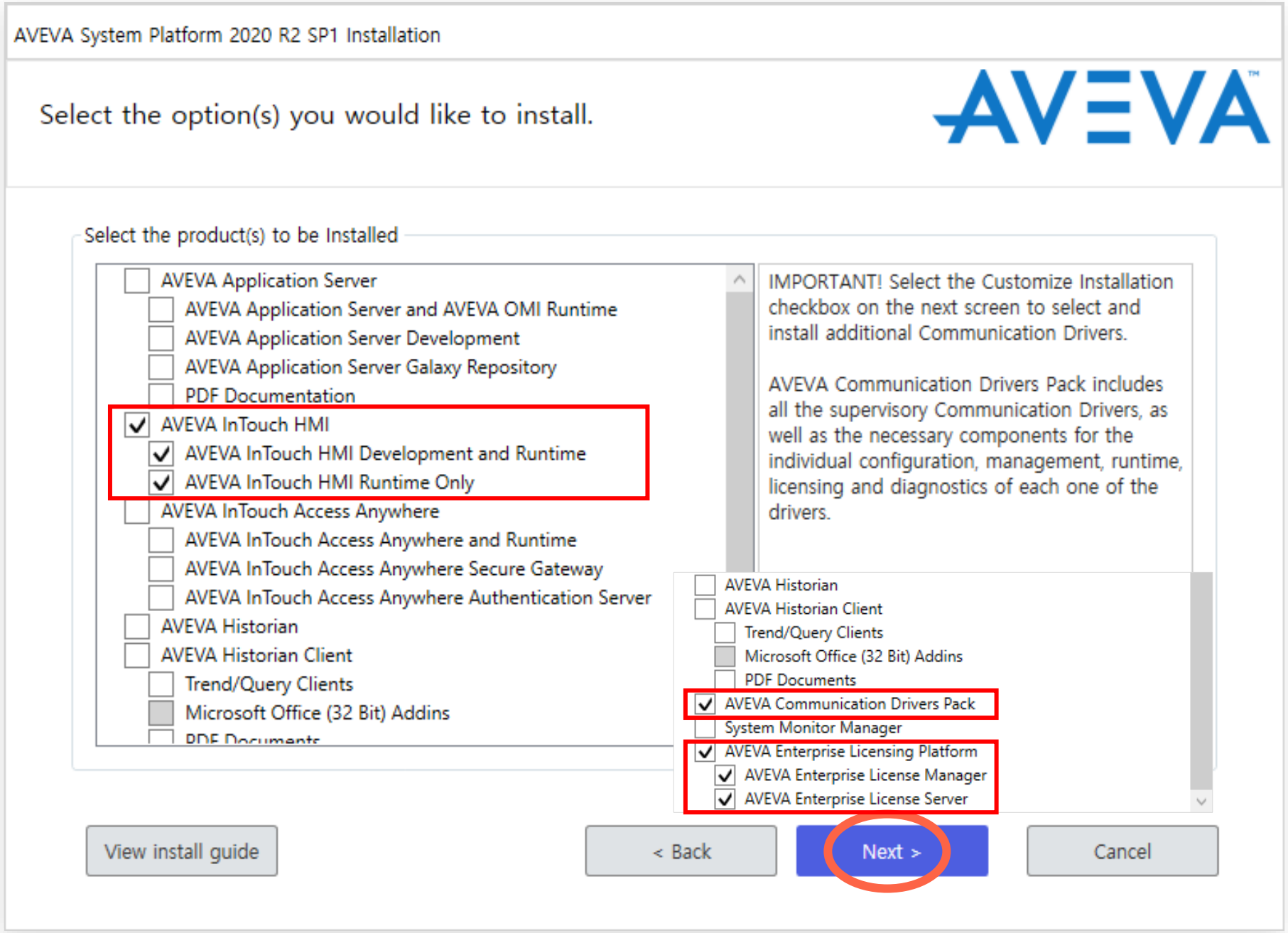
Confirm that the Operating System version, indicated above, is compatible with AVEVA System Platform 2020 R2 SP1 prior to continuing with this installation.

Specific Operating System version requirements at the time of release are listed in the Readme file. Compatibility with any subsequently released Operating Systems is listed in the Technology Matrix on the Global Customer Support website: https://gcsresource.aveva.com/TechnologyMatrix.

Click **Next** to continue installation on this Operating System.

View install guide | Next > | Cancel


AVEVA System Platform 2020 R2 SP1 Installation
Select the installation mode you would like to proceed with.
AVEVA
Select installation type
Product Based Selection
AVEVA System Platform Computer Roles
Product-based installation lets you select individual products and product components for installation. You can specify multiple products. To modify your choices, select the 'Customize Installation' checkbox when it is displayed.
View install guide
Next >
Cancel


AVEVA System Platform 2020 R2 SP1 Installation
Select the option(s) you would like to install.
AVEVA
Select the product(s) to be Installed
AVEVA Application Server
AVEVA Application Server and AVEVA OMI Runtime
AVEVA Application Server Development
AVEVA Application Server Galaxy Repository
PDF Documentation
AVEVA InTouch HMI
AVEVA InTouch HMI Development and Runtime
AVEVA InTouch HMI Runtime Only
AVEVA InTouch Access Anywhere
AVEVA InTouch Access Anywhere and Runtime
AVEVA InTouch Access Anywhere Secure Gateway
AVEVA InTouch Access Anywhere Authentication Server
AVEVA Historian
AVEVA Historian Client
Trend/Query Clients
Microsoft Office (32 Bit) Addins
IMPORTANT! Select the Customize Installation checkbox on the next screen to select and install additional Communication Drivers.
AVEVA Communication Drivers Pack includes all the supervisory Communication Drivers, as well as the necessary components for the individual configuration, management, runtime, licensing and diagnostics of each one of the drivers.
AVEVA Historian
AVEVA Historian Client
Trend/Query Clients
Microsoft Office (32 Bit) Addins
PDF Documents
AVEVA Communication Drivers Pack
System Monitor Manager
AVEVA Enterprise Licensing Platform
AVEVA Enterprise License Manager
AVEVA Enterprise License Server
View install guide
< Back
Next >
Cancel

AVEVA System Platform 2020 R2 SP1 Installation

IMPORTANT FUNCTIONAL CHANGE - PLEASE READ

IMPORTANT CHANGE TO INSTALLATION BEHAVIOR:
With the release of System Platform 2020 R2 SP1, AVEVA no longer installs out-of-support redistributable libraries from Microsoft or other vendors. For the long term sustainability and security of your system, AVEVA strongly recommends you not install these libraries, which are outside their published support life cycle and will not necessarily receive any further functional or security related fixes from their vendors in the future.

CONSIDERATIONS FOR EXISTING PROJECTS:
If upgrading an existing project which includes custom-built executable components, added to the system after installation, consider that they may rely on these older libraries. Examples include but are not limited to: Objects developed using the Application Object Toolkit (AOT), objects derived from the previously discontinued $Switch and $FieldReference base templates, custom script libraries (DLLs), and third-party custom built .NET controls.

AVEVA recommends you recompile these custom components using the latest redistributable libraries. Third-party controls, libraries and components should get upgrades from their vendor. If there are custom built components in your solution, and in the rare case that it is not possible to update them before the installation of System Platform 2020 R2 SP1, you will need to do the following:

1. Check the "Customize Install" check box on the next screen and click "Next".
2. Select "Out Of Support Redistributables (NOT RECOMMENDED)".

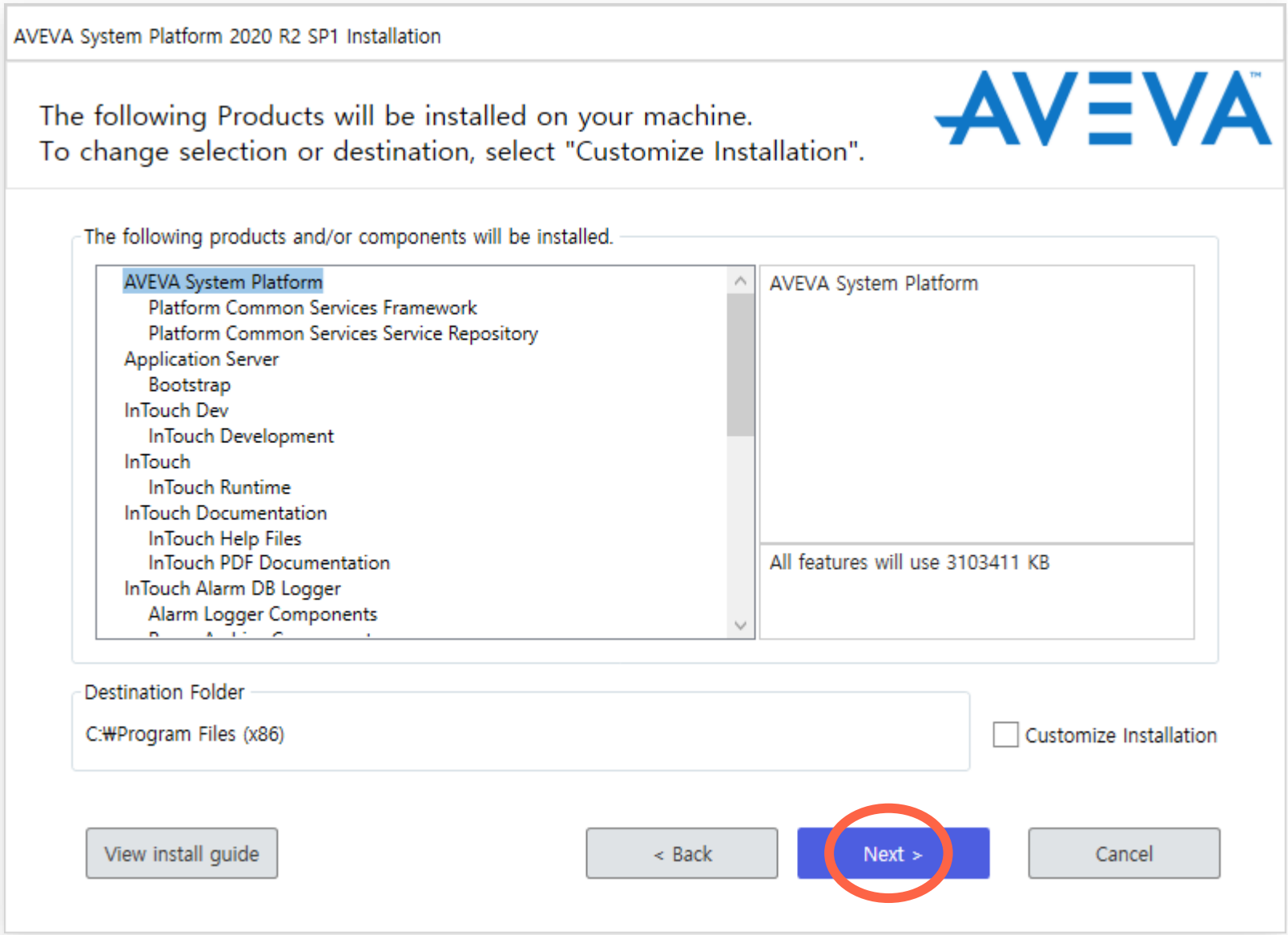
This forces the installation of older libraries.

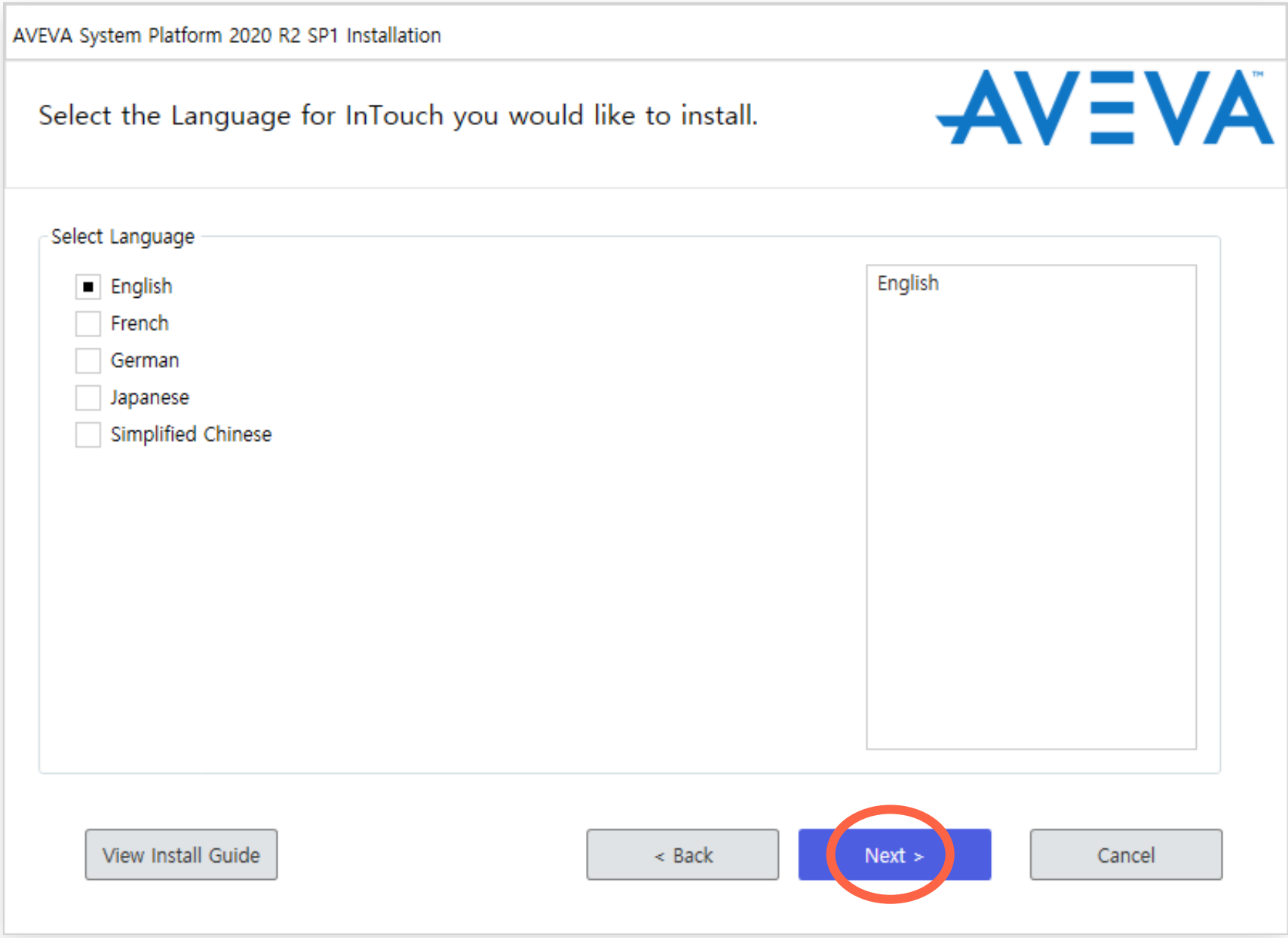
SEE ALSO: System Platform Readme and Installation Guide for additional information and recommended actions.

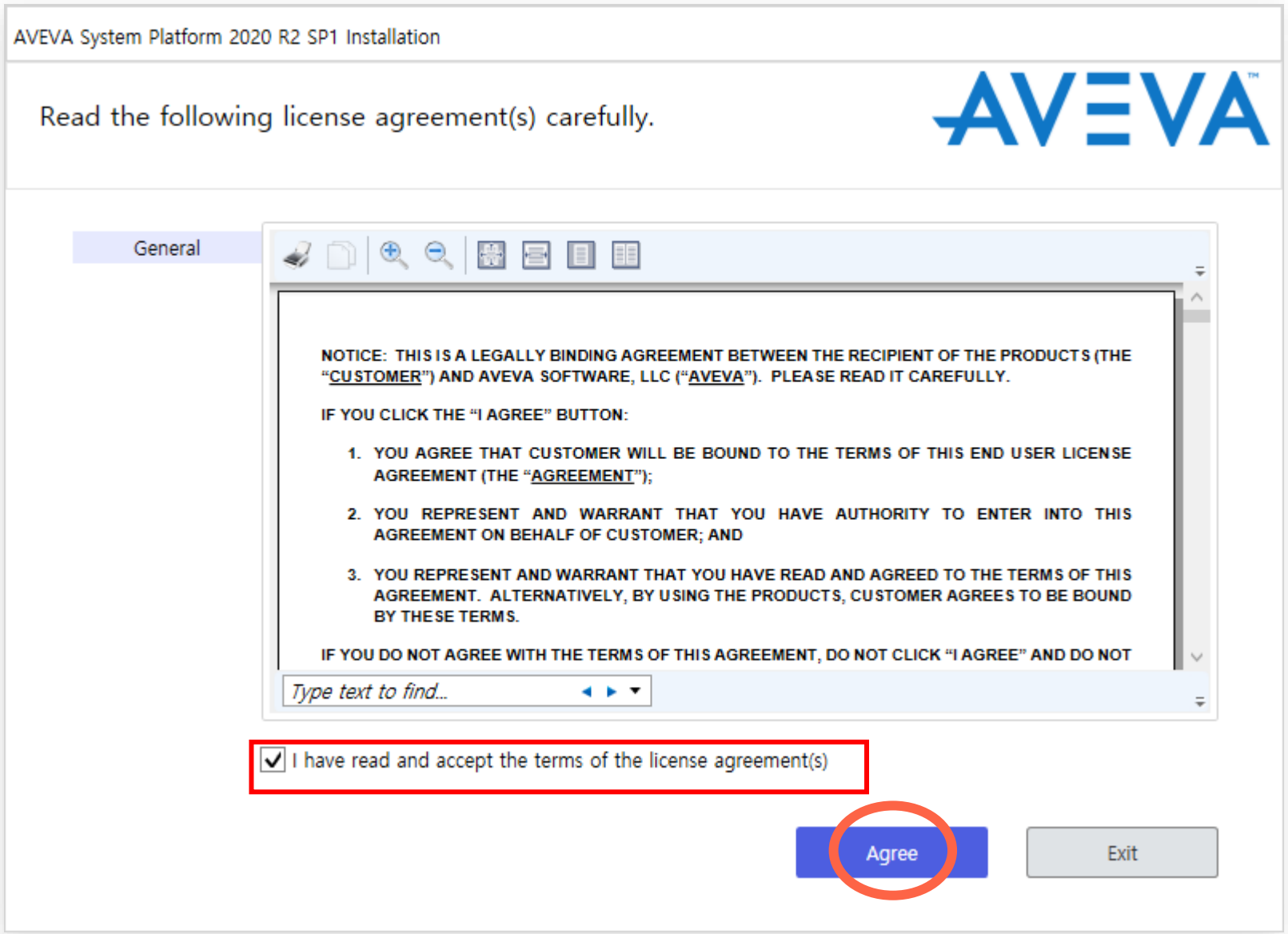
By checking the box below, you acknowledge that you read the information above and understand the impact of this change to default install behavior on your system.

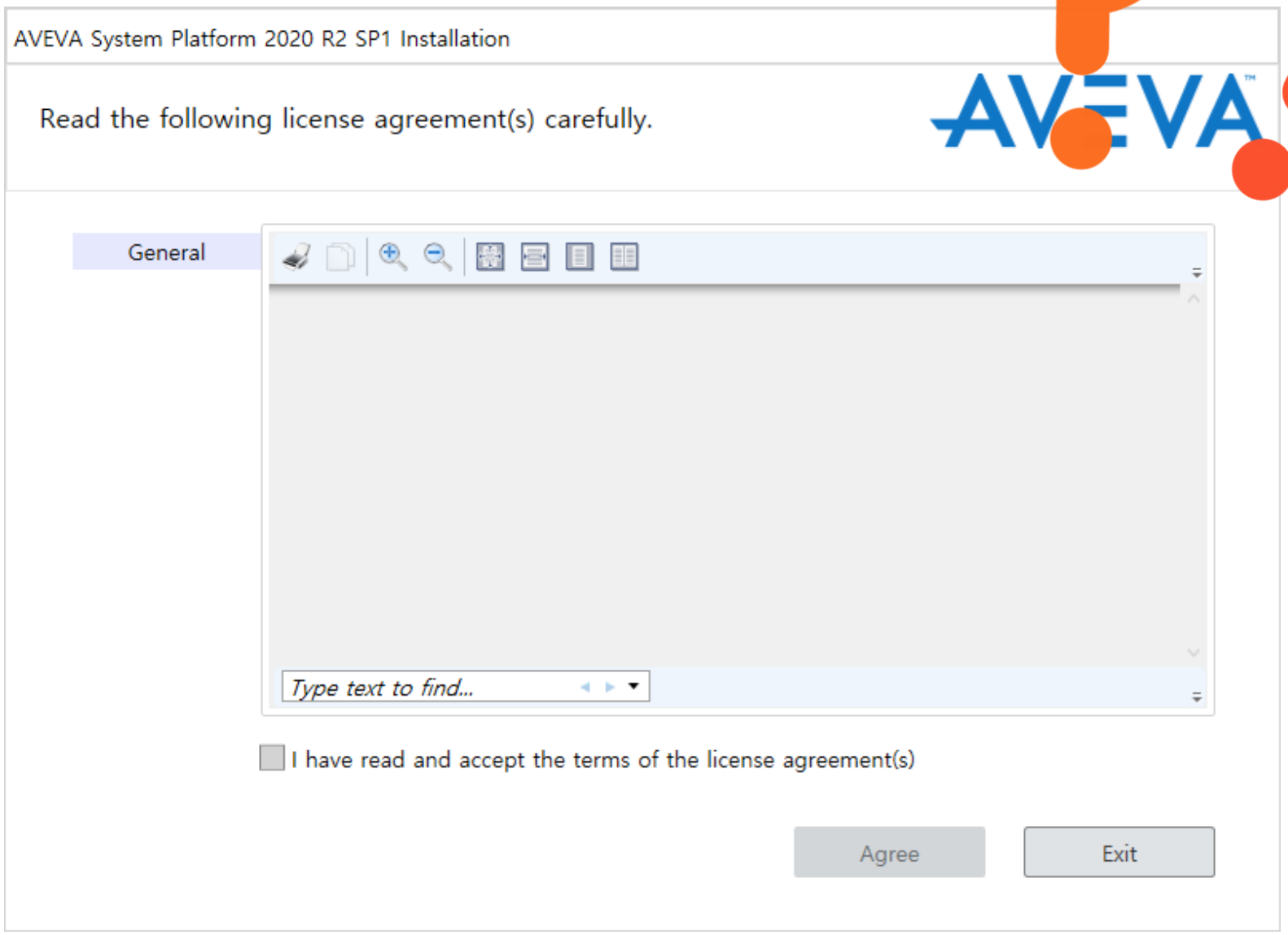
☑ Acknowledge new behavior

View install guide | < Back | Next > | Cancel


AVEVA System Platform 2020 R2 SP1 Installation
The following Products will be installed on your machine.
To change selection or destination, select "Customize Installation".
AVEVA
The following products and/or components will be installed.
AVEVA System Platform
Platform Common Services Framework
Platform Common Services Service Repository
Application Server
Bootstrap
InTouch Dev
InTouch Development
InTouch
InTouch Runtime
InTouch Documentation
InTouch Help Files
InTouch PDF Documentation
InTouch Alarm DB Logger
Alarm Logger Components
AVEVA System Platform
All features will use 3103411 KB
Destination Folder
C:₩Program Files (x86)
Customize Installation
View install guide
< Back
Next >
Cancel


AVEVA System Platform 2020 R2 SP1 Installation
Select the Language for InTouch you would like to install.
AVEVA
Select Language
English
French
German
Japanese
Simplified Chinese
English
View Install Guide
< Back
Next >
Cancel


AVEVA System Platform 2020 R2 SP1 Installation
Read the following license agreement(s) carefully.
AVEVA
General
NOTICE: THIS IS A LEGALLY BINDING AGREEMENT BETWEEN THE RECIPIENT OF THE PRODUCTS (THE "CUSTOMER") AND AVEVA SOFTWARE, LLC ("AVEVA"). PLEASE READ IT CAREFULLY.
IF YOU CLICK THE "I AGREE" BUTTON:
1. YOU AGREE THAT CUSTOMER WILL BE BOUND TO THE TERMS OF THIS END USER LICENSE AGREEMENT (THE "AGREEMENT");
2. YOU REPRESENT AND WARRANT THAT YOU HAVE AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF CUSTOMER; AND
3. YOU REPRESENT AND WARRANT THAT YOU HAVE READ AND AGREED TO THE TERMS OF THIS AGREEMENT. ALTERNATIVELY, BY USING THE PRODUCTS, CUSTOMER AGREES TO BE BOUND BY THESE TERMS.
IF YOU DO NOT AGREE WITH THE TERMS OF THIS AGREEMENT, DO NOT CLICK "I AGREE" AND DO NOT
Type text to find...
I have read and accept the terms of the license agreement(s)
Agree
Exit



다음으로 넘어갈 수 없어요

설치 오류 해결하기 1

- 오류 해결 참고 링크

1. 링크의 PowerShell script 다운로드 한 후

2. PowerShell을 관리자권한으로 열어서 다운로드한 스크립트가 있는 폴더로 이동

3. 아래의 명령어를 입력

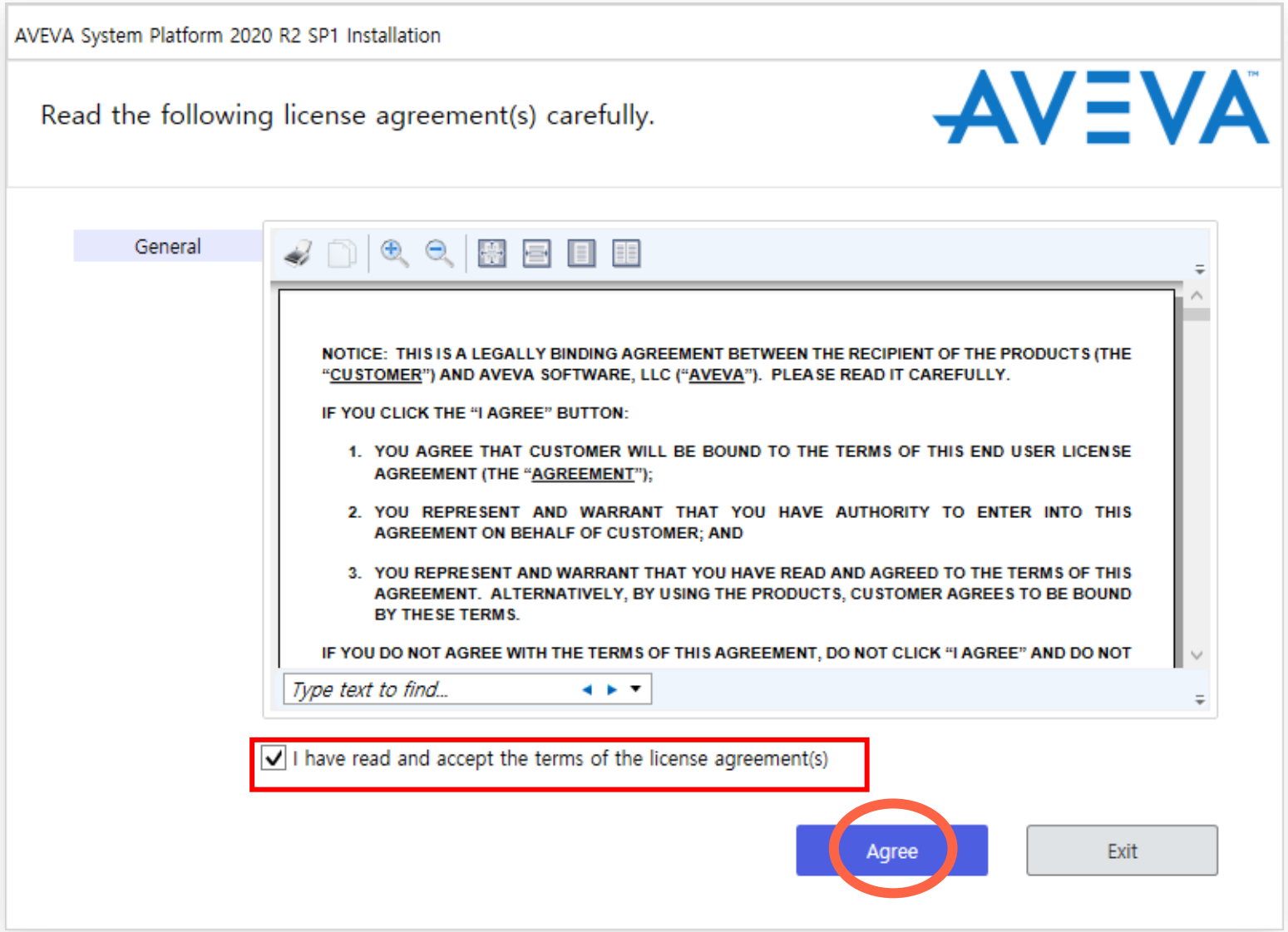
.₩kb5022083-compat.ps1 –Install

설치 오류 해결하기 2

- 3. 대신 아래 명령어 전체 입력

  reg add "HKLM₩SOFTWARE₩Microsoft₩.NETFramework₩Windows Presentation Foundation₩XPSAllowedTypes" /v "DisableDec2022Patch" /t REG_SZ /d "*" /reg:64

해결!


AVEVA System Platform 2020 R2 SP1 Installation
Read the following license agreement(s) carefully.
AVEVA
General
NOTICE: THIS IS A LEGALLY BINDING AGREEMENT BETWEEN THE RECIPIENT OF THE PRODUCTS (THE "CUSTOMER") AND AVEVA SOFTWARE, LLC ("AVEVA"). PLEASE READ IT CAREFULLY.
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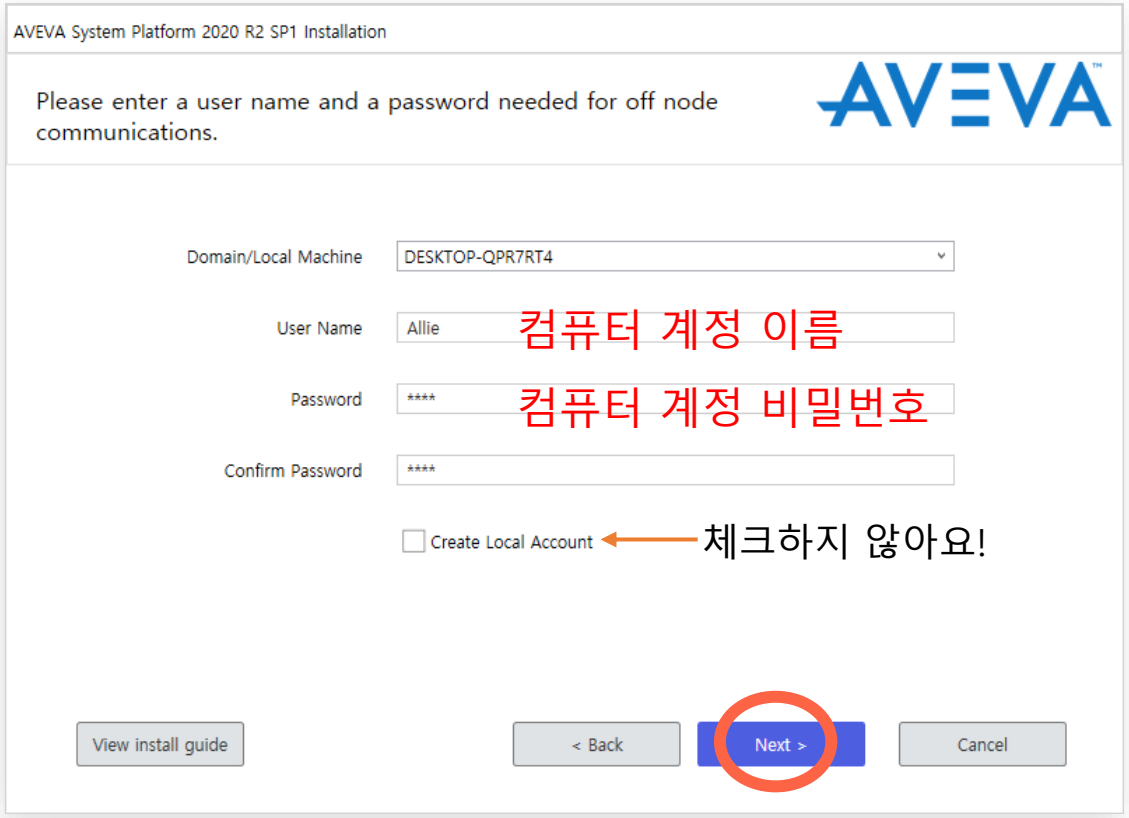
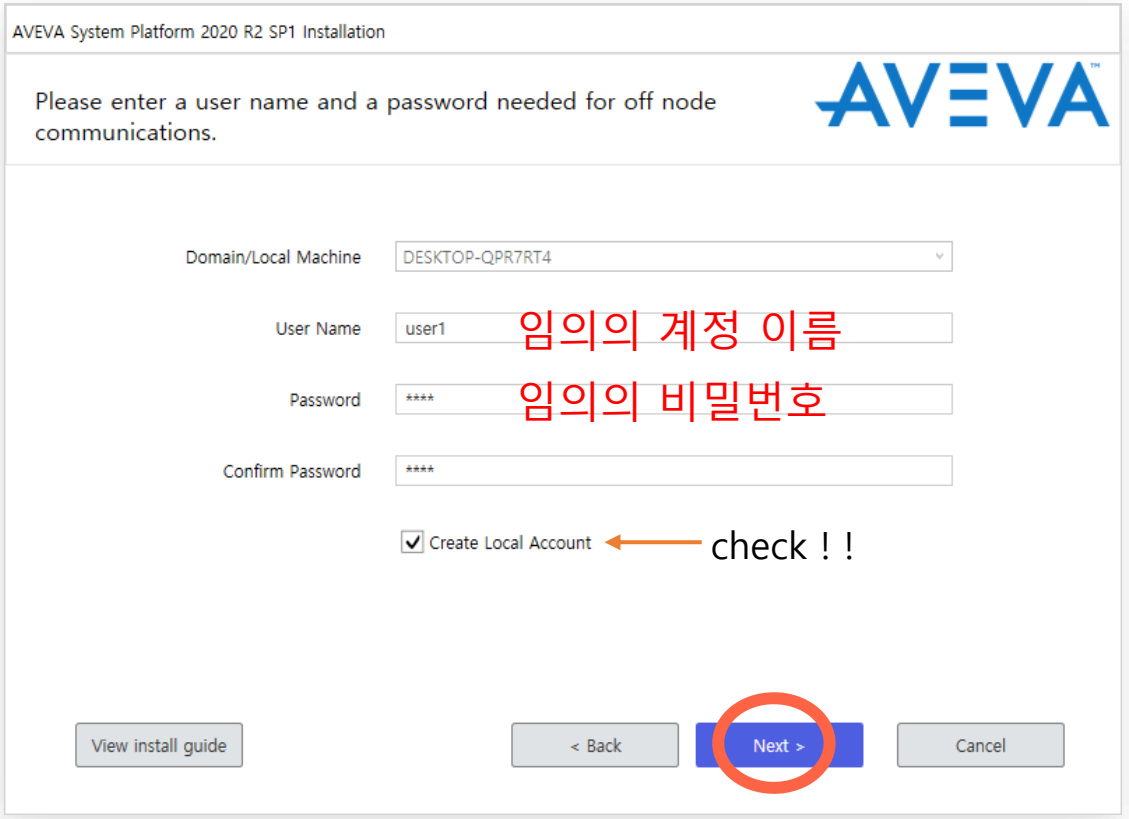
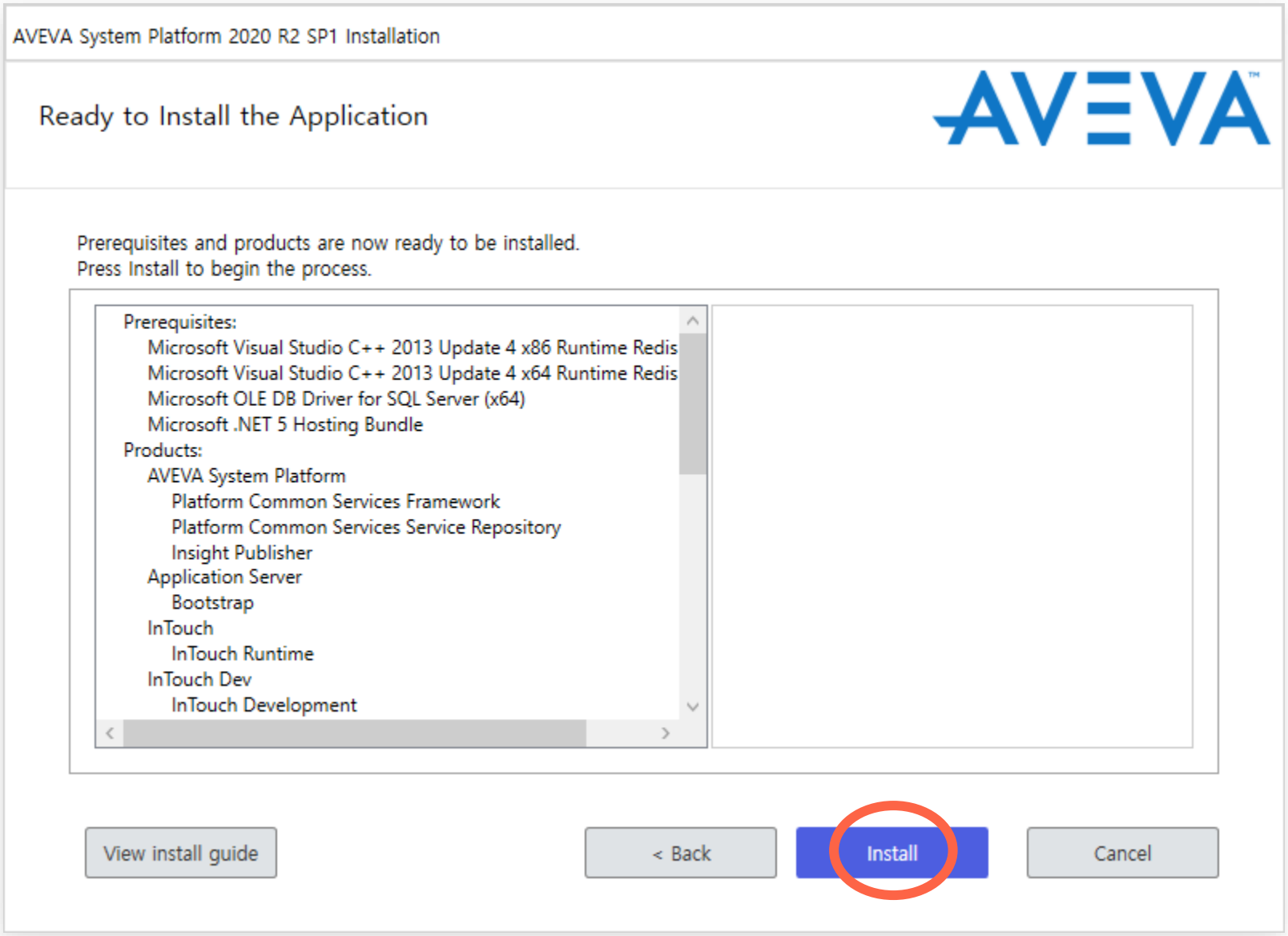
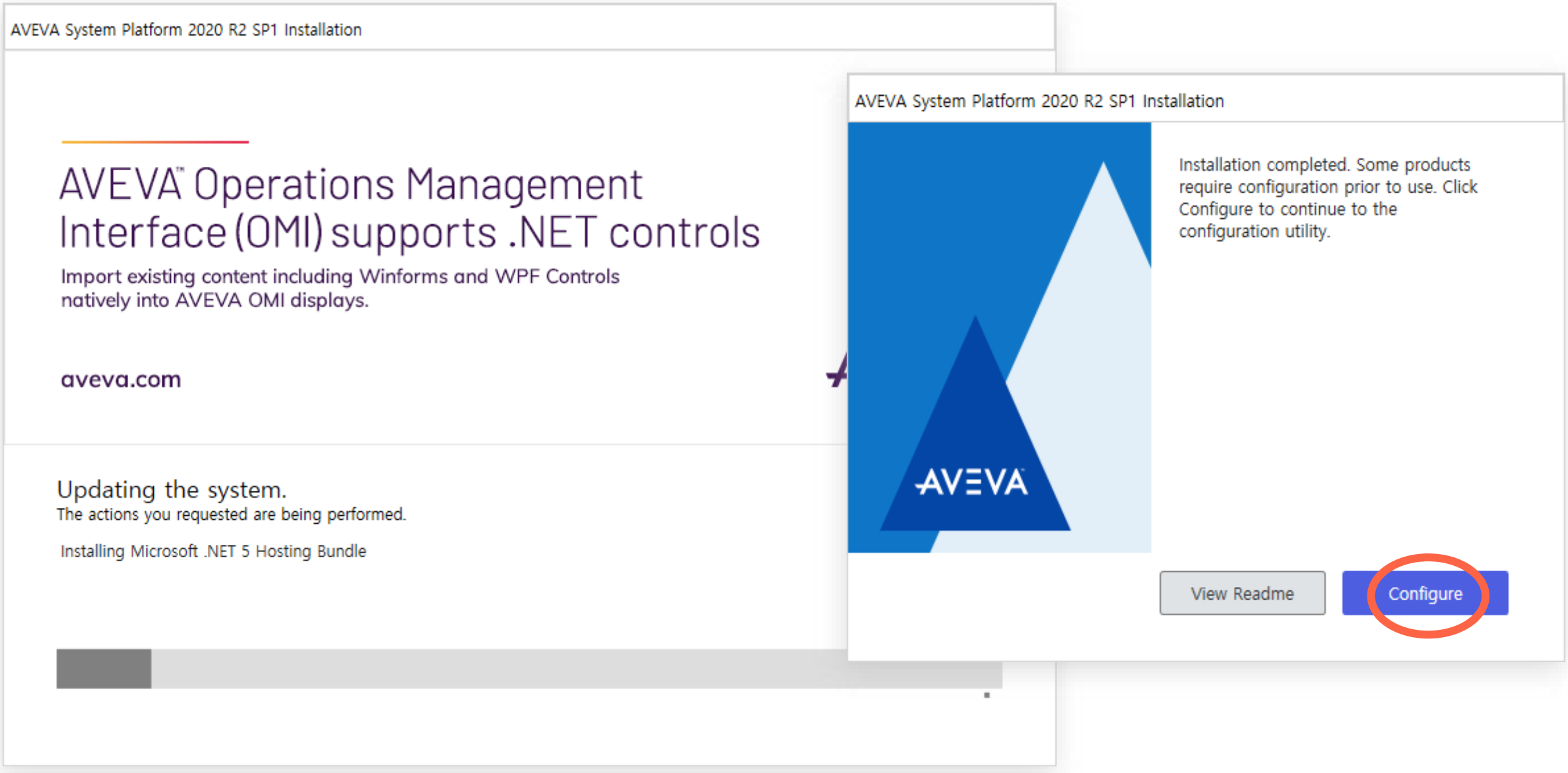
3. YOU REPRESENT AND WARRANT THAT YOU HAVE READ AND AGREED TO THE TERMS OF THIS AGREEMENT. ALTERNATIVELY, BY USING THE PRODUCTS, CUSTOMER AGREES TO BE BOUND BY THESE TERMS.
IF YOU DO NOT AGREE WITH THE TERMS OF THIS AGREEMENT, DO NOT CLICK "I AGREE" AND DO NOT
Type text to find...
I have read and accept the terms of the license agreement(s)
Agree
Exit

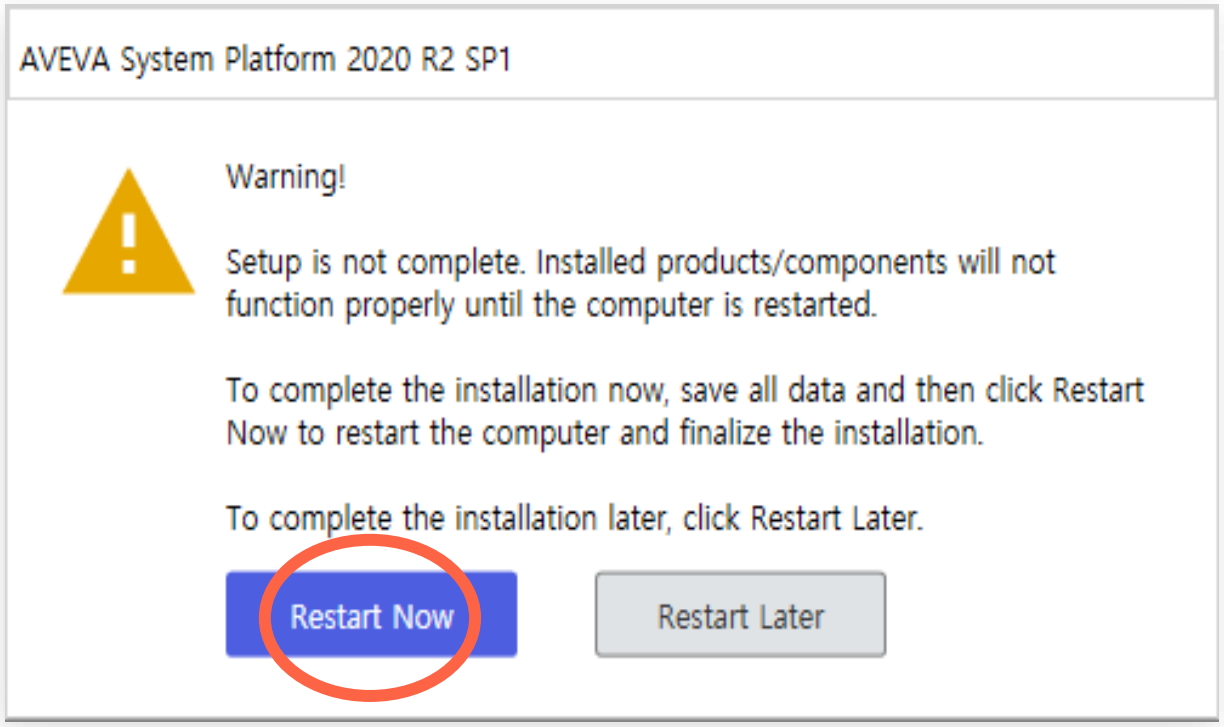

AVEVA System Platform 2020 R2 SP1 Installation
Please enter a user name and a password needed for off node communications.
AVEVA
Domain/Local Machine
DESKTOP-QPR7RT4
User Name
Allie
컴퓨터 계정 이름
Password
****
컴퓨터 계정 비밀번호
Confirm Password
****
Create Local Account
체크하지 않아요!
View install guide
< Back
Next >
Cancel

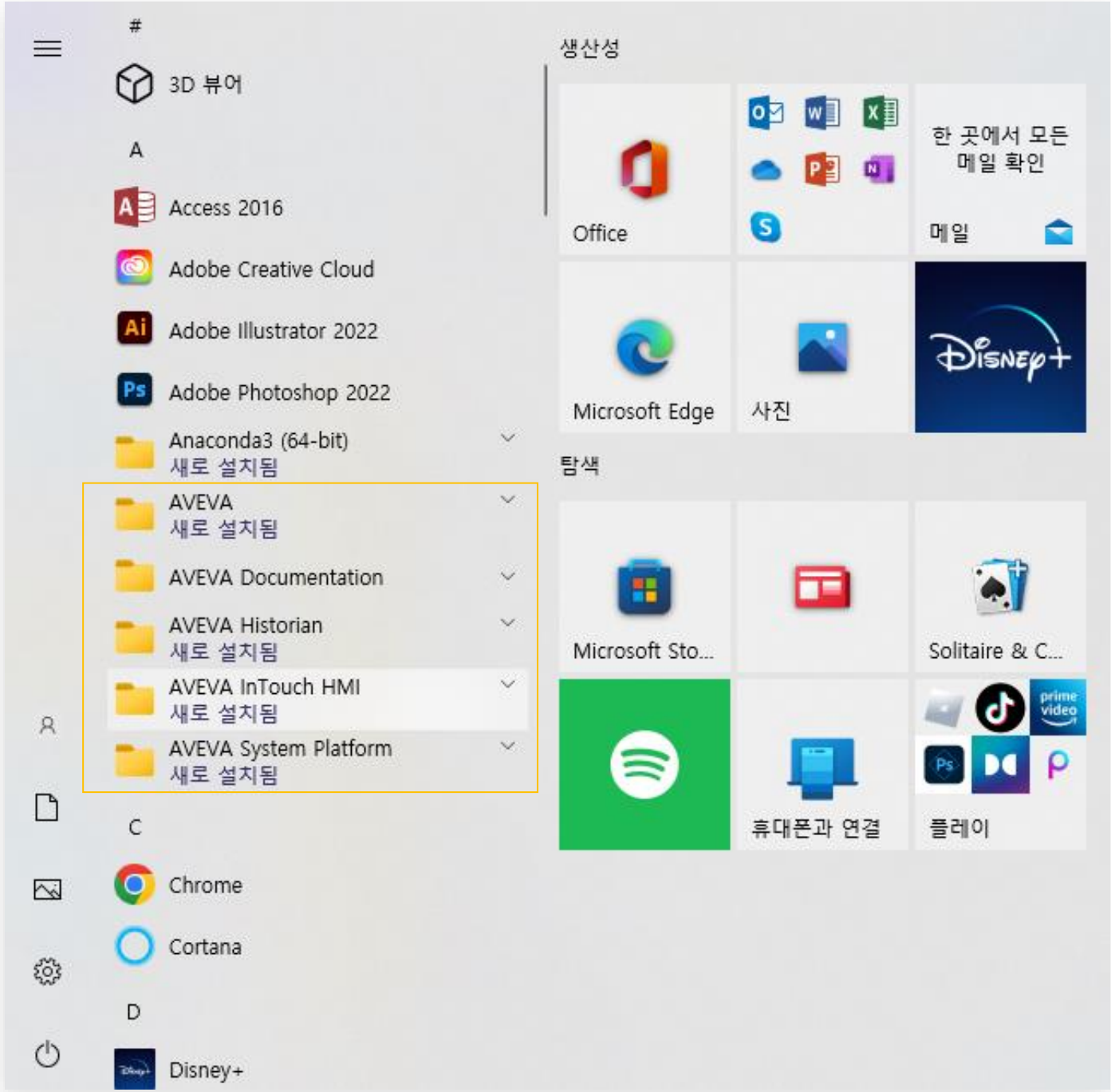

AVEVA System Platform 2020 R2 SP1 Installation
Please enter a user name and a password needed for off node communications.
AVEVA
Domain/Local Machine
DESKTOP-QPR7RT4
User Name
user1
임의의 계정 이름
Password
****
임의의 비밀번호
Confirm Password
****
Create Local Account
check ! !
View install guide
< Back
Next >
Cancel

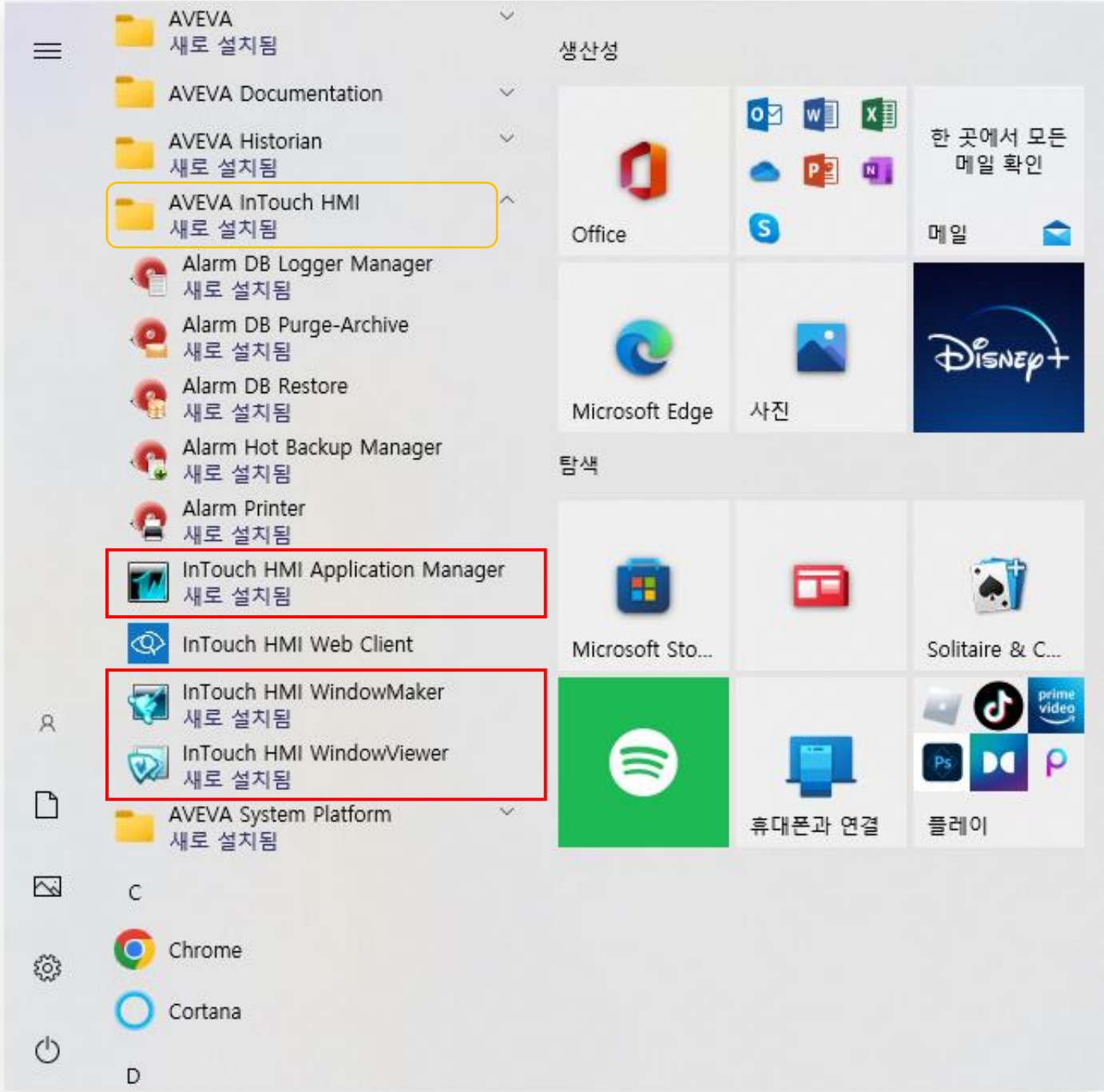

AVEVA System Platform 2020 R2 SP1 Installation
Ready to Install the Application
AVEVA
Prerequisites and products are now ready to be installed.
Press Install to begin the process.
Prerequisites:
Microsoft Visual Studio C++ 2013 Update 4 x86 Runtime Redis
Microsoft Visual Studio C++ 2013 Update 4 x64 Runtime Redis
Microsoft OLE DB Driver for SQL Server (x64)
Microsoft .NET 5 Hosting Bundle
Products:
AVEVA System Platform
Platform Common Services Framework
Platform Common Services Service Repository
Insight Publisher
Application Server
Bootstrap
InTouch
InTouch Runtime
InTouch Dev
InTouch Development
View install guide
< Back
Install
Cancel

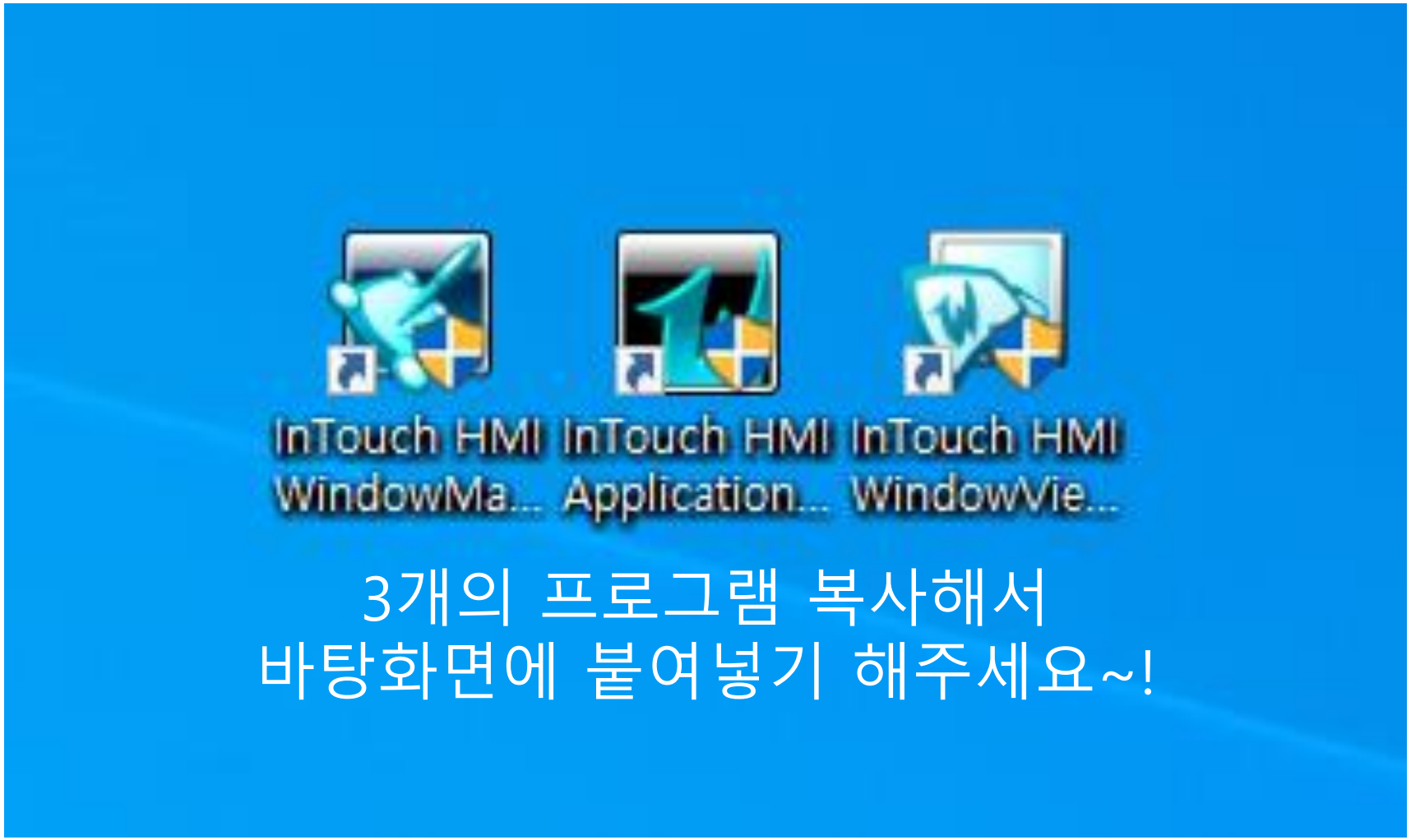

AVEVA System Platform 2020 R2 SP1 Installation
AVEVA™ Operations Management Interface (OMI) supports .NET controls
Import existing content including Winforms and WPF Controls natively into AVEVA OMI displays.
aveva.com
Updating the system.
The actions you requested are being performed.
Installing Microsoft .NET 5 Hosting Bundle
AVEVA System Platform 2020 R2 SP1 Installation
AVEVA
Installation completed. Some products require configuration prior to use. Click Configure to continue to the configuration utility.
View Readme
Configure

컴퓨터 재부팅 해주세요!~!

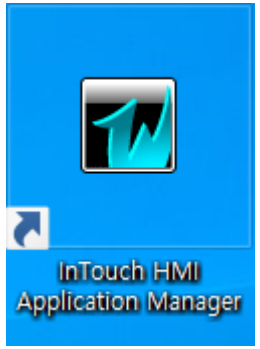

AVEVA System Platform 2020 R2 SP1
Warning!
Setup is not complete. Installed products/components will not function properly until the computer is restarted.
To complete the installation now, save all data and then click Restart Now to restart the computer and finalize the installation.
To complete the installation later, click Restart Later.
Restart Now
Restart Later


#
3D 뷰어
A
Access 2016
Adobe Creative Cloud
Adobe Illustrator 2022
Adobe Photoshop 2022
Anaconda3 (64-bit)
새로 설치됨
AVEVA
새로 설치됨
AVEVA Documentation
AVEVA Historian
새로 설치됨
AVEVA InTouch HMI
새로 설치됨
AVEVA System Platform
새로 설치됨
C
Chrome
Cortana
D
Disney+
생산성
Office
한 곳에서 모든 메일 확인
메일
Microsoft Edge
사진
탐색
Microsoft Sto...
Solitaire & C...
휴대폰과 연결
플레이


AVEVA
새로 설치됨
AVEVA Documentation
AVEVA Historian
새로 설치됨
AVEVA InTouch HMI
새로 설치됨
Alarm DB Logger Manager
새로 설치됨
Alarm DB Purge-Archive
새로 설치됨
Alarm DB Restore
새로 설치됨
Alarm Hot Backup Manager
새로 설치됨
Alarm Printer
새로 설치됨
InTouch HMI Application Manager
새로 설치됨
InTouch HMI Web Client
InTouch HMI WindowMaker
새로 설치됨
InTouch HMI WindowViewer
새로 설치됨
AVEVA System Platform
새로 설치됨
C
Chrome
Cortana
D
생산성
Office
한 곳에서 모든 메일 확인
메일
Microsoft Edge
사진
탐색
Microsoft Sto...
Solitaire & C...
휴대폰과 연결
플레이

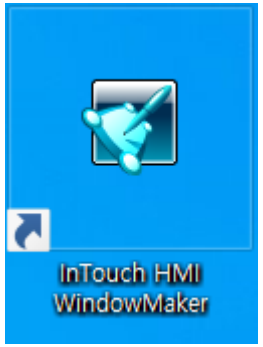

InTouch HMI
WindowMa...
InTouch HMI
Application...
InTouch HMI
WindowVie...
3개의 프로그램 복사해서
바탕화면에 붙여넣기 해주세요~!

프로그램 설명



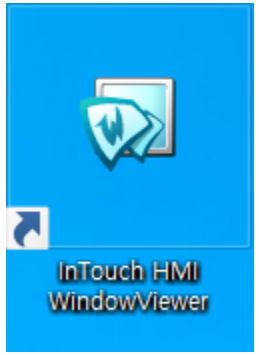
Application Manager

InTouch 애플리케이션 관리



Window Maker

InTouch 애플리케이션을 개발하는 도구



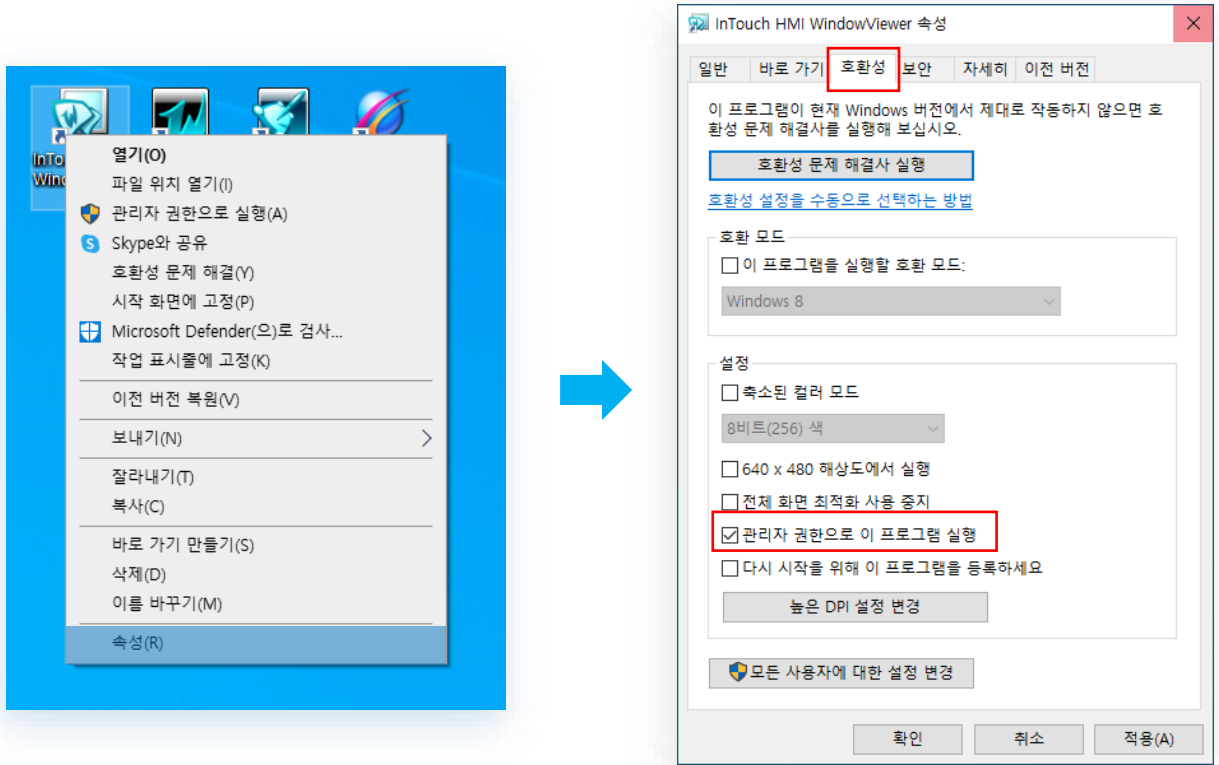
Window Viewer

InTouch 애플리케이션 실행 도구!
HMI 애플리케이션을
화면에 보여줌

설치 완료!

프로그램 실행

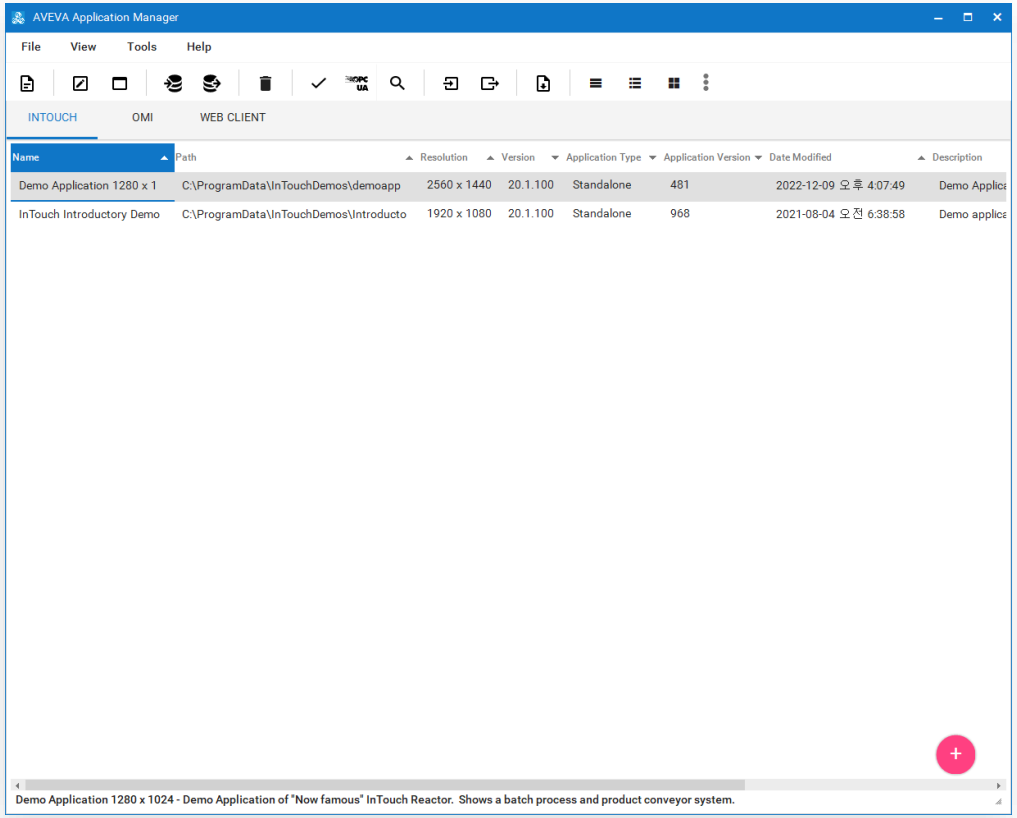
- 모두 관리자 권한으로 실행되어야 합니다.
- 매번 관리자 권한으로 들어가기 귀찮으니 기본설정을 해주세요.

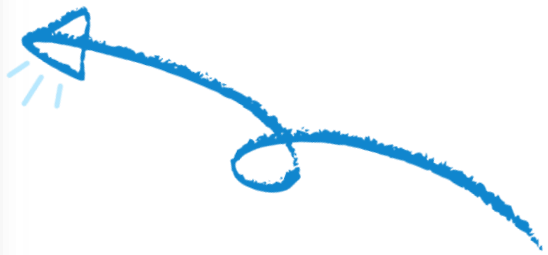


프로그램 실행

- application manager 부터 실행해볼까요?

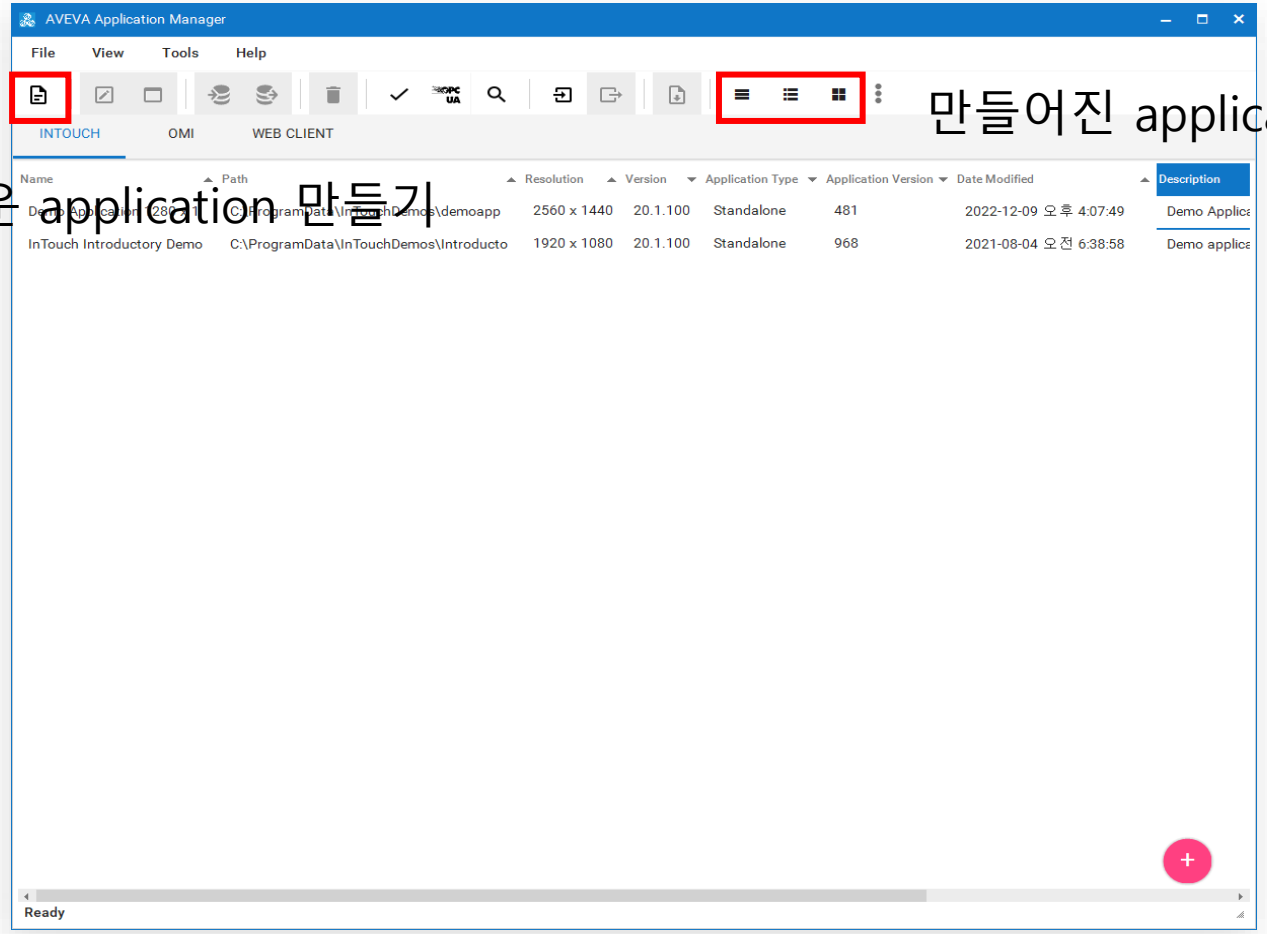
Application Manager





application list !

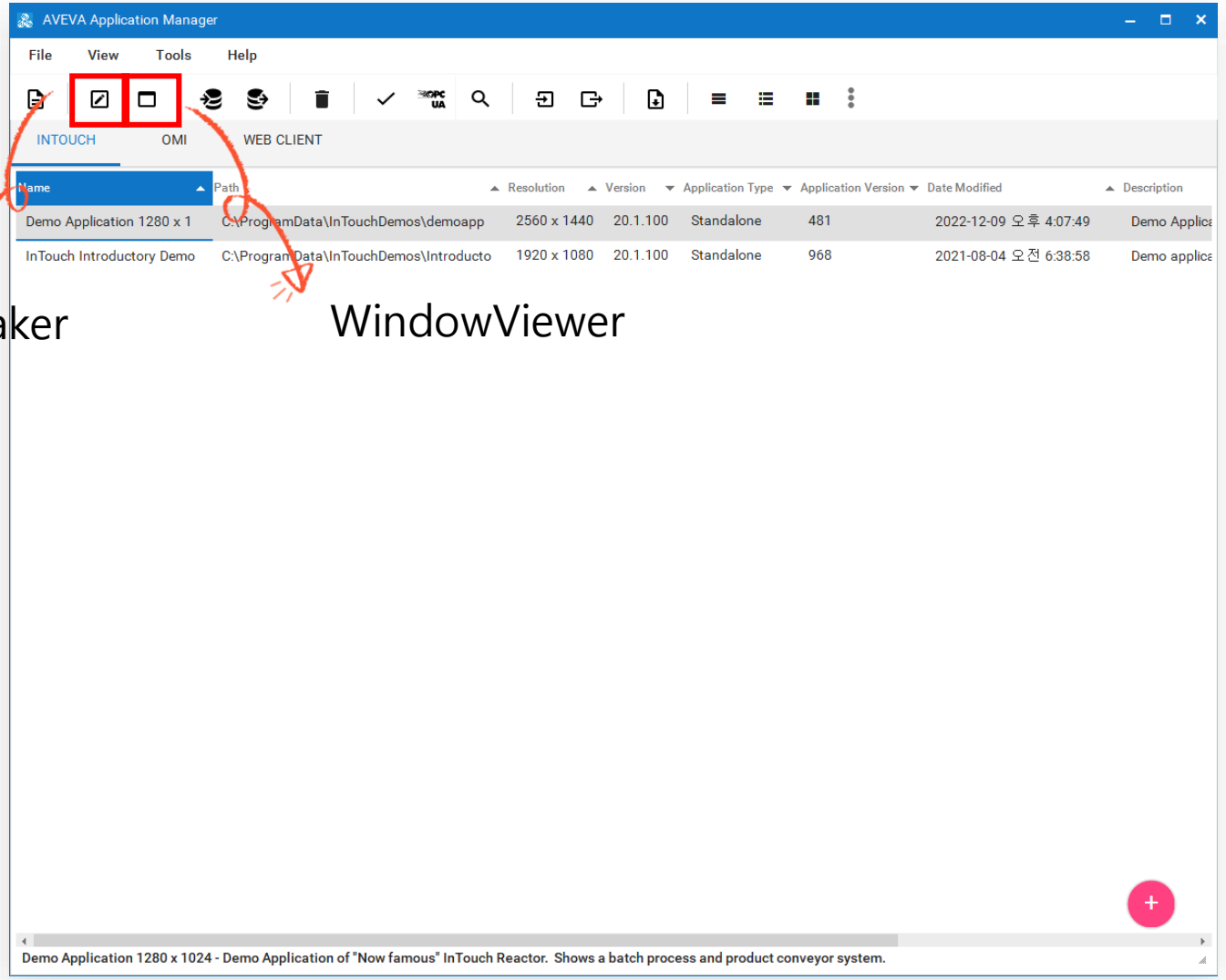
Application Manager



새로운 application 만들기

만들어진 application 보기 방법 세 가지

Application Manager

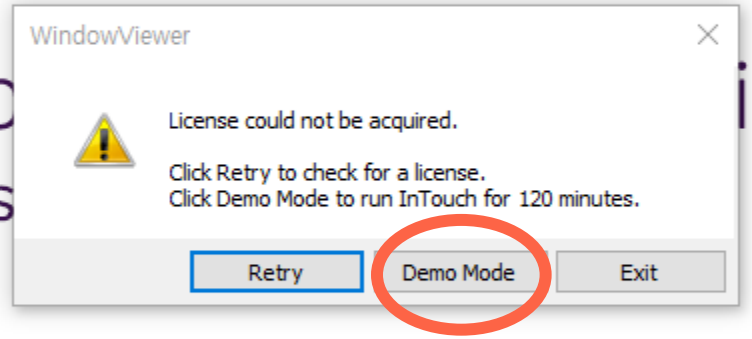


WindowMaker

WindowViewer

AVEVA™ InTo iewer

Version 2020 R2 S



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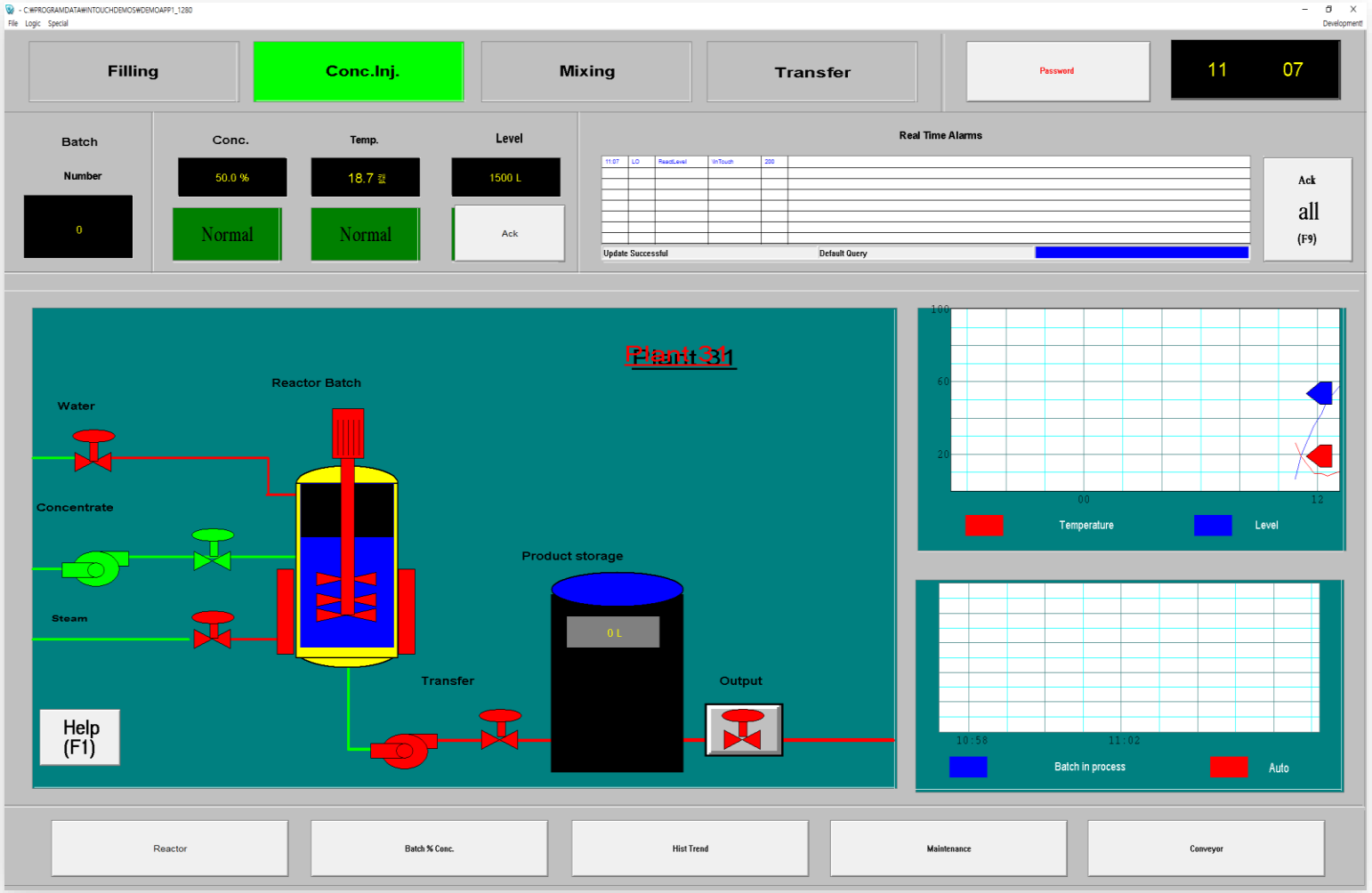
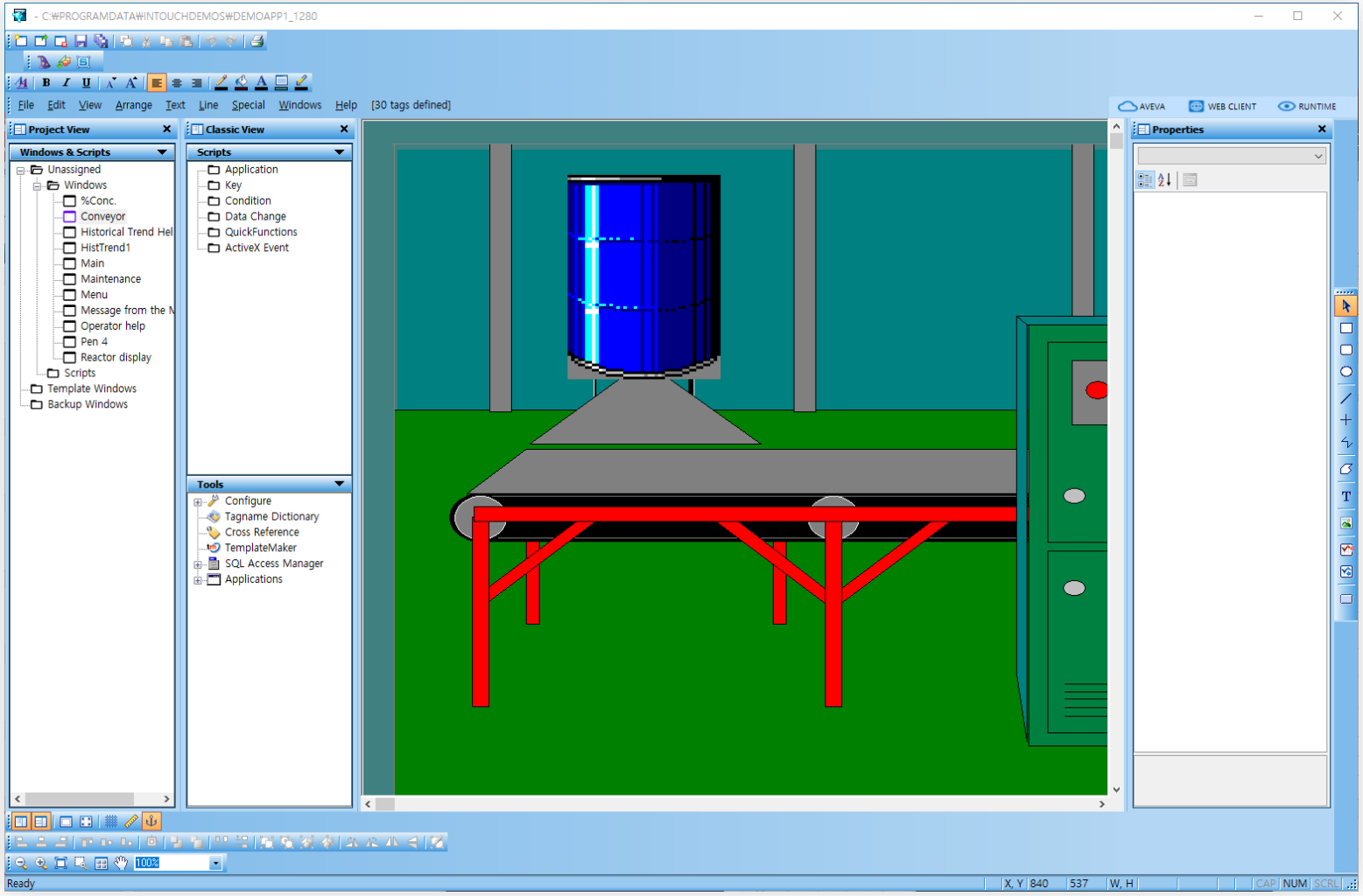
AVEVA

Window Viewer



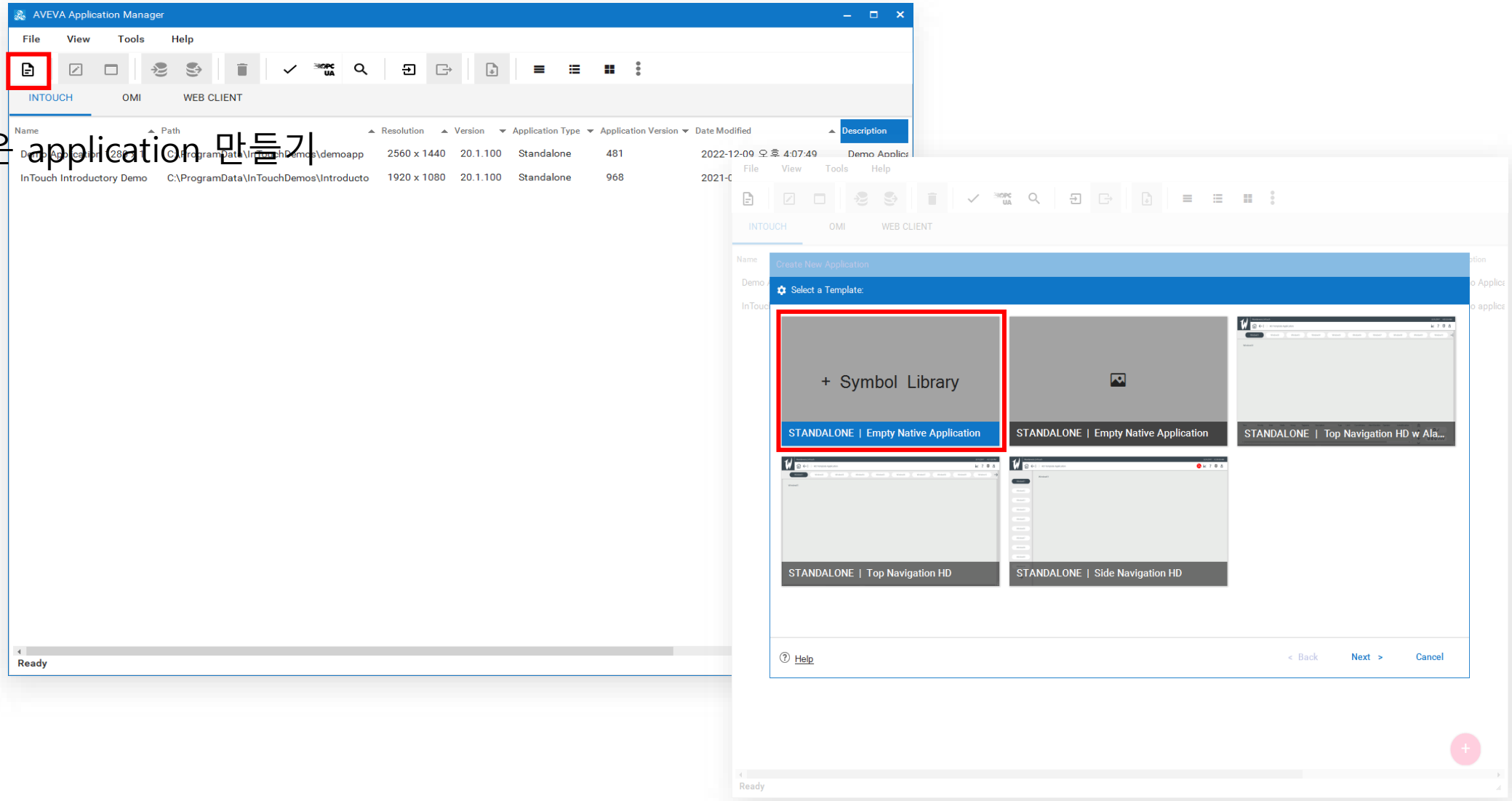
Window Maker



새로운 Application 만들기

새로운 애플리케이션 만들기 !

새로운 application 만들기



Create New Application

Enter Application Details

Type: Standalone

Application Name: app_001

Directory Name: study

Application Path: C:\HMI

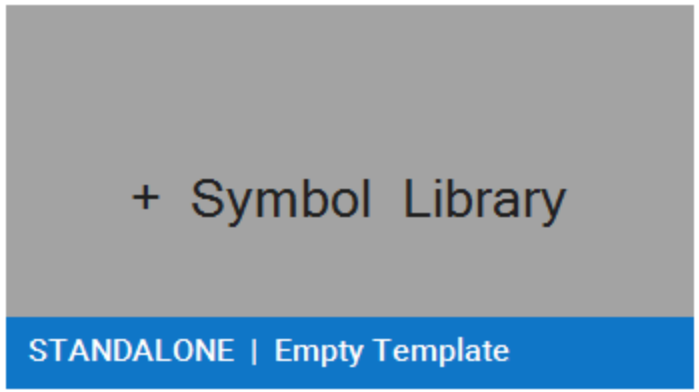
Set Default Directory:

Resolution: Screen Resolution

Width: 2560

Height: 1440

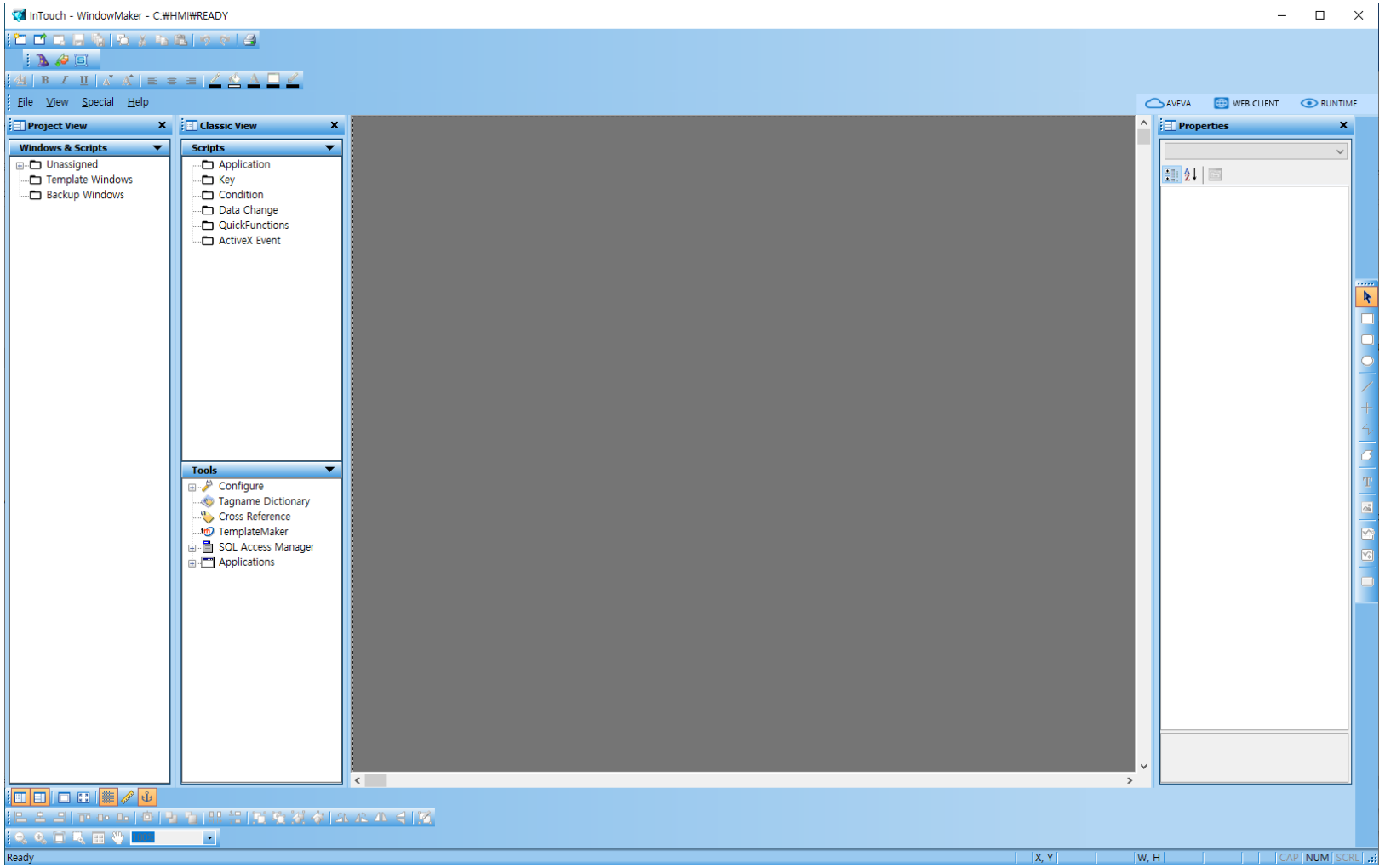
Description: New InTouch application with Graphic Toolbox symbols



Help

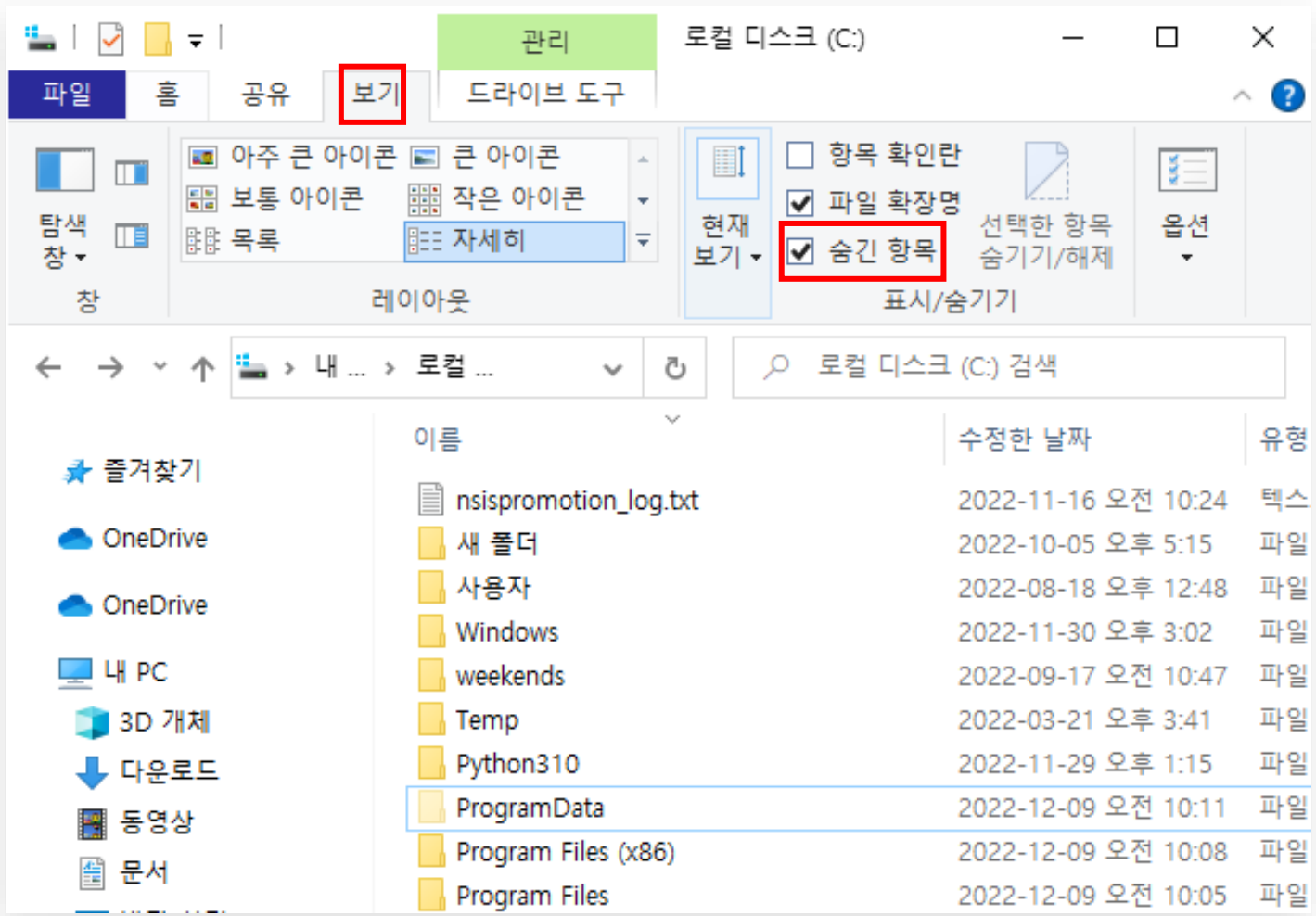
< Back Finish Cancel

새로운 application을 하나 만들었어요!

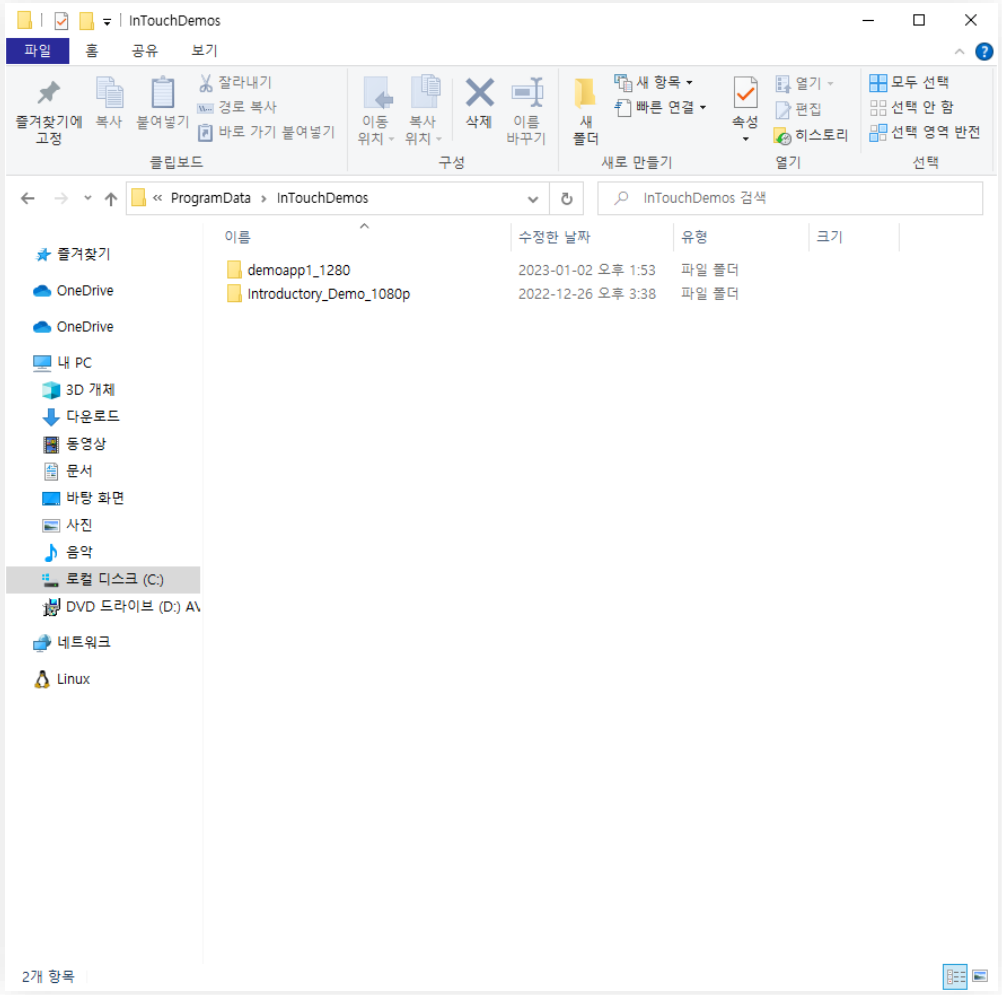


백업 & 배포

숨긴 항목 표시 >> ProgramData 표시



ProgramData > InTouchDemos 에 배포&백업



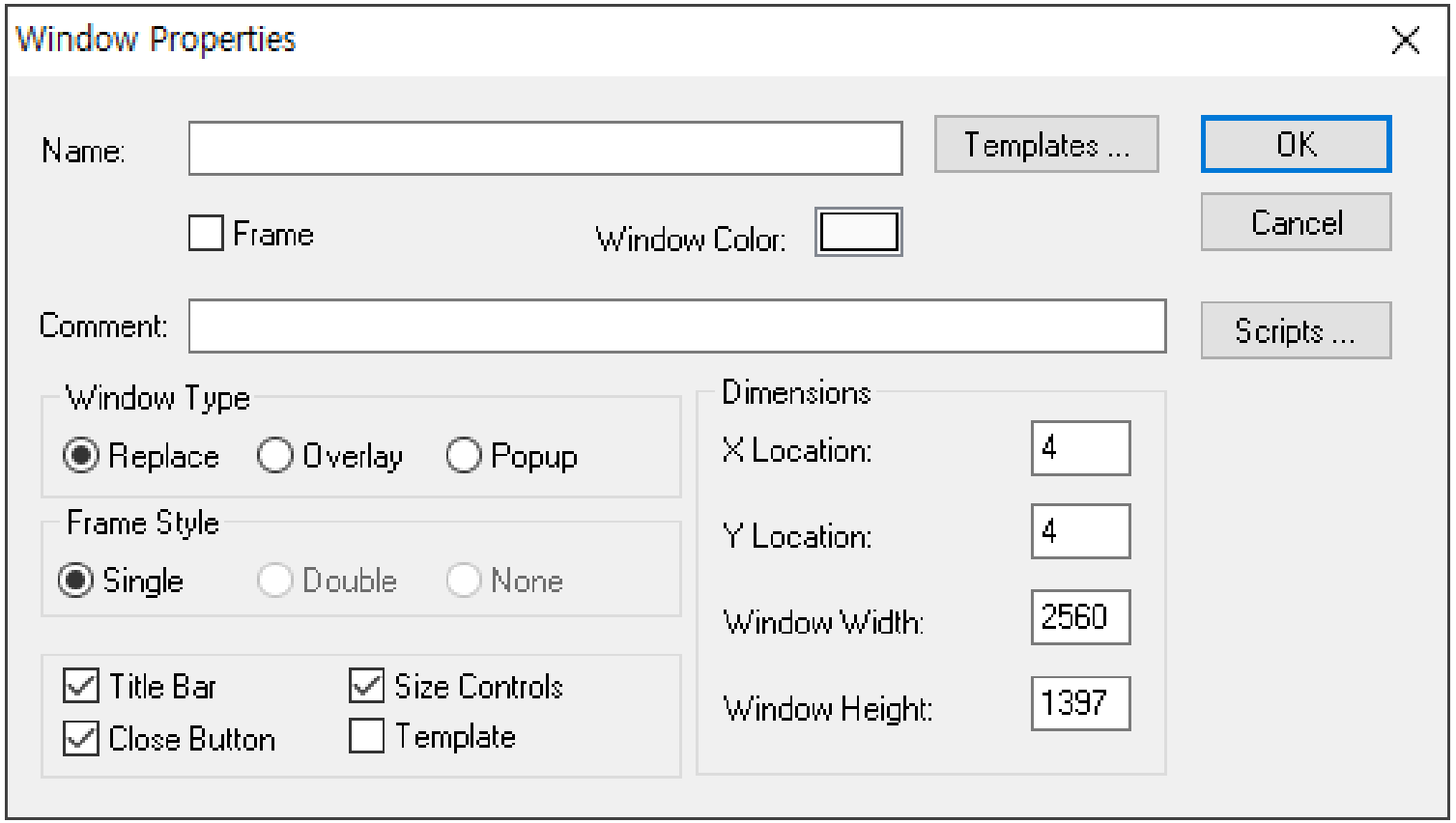
Window
만들기

Window ??

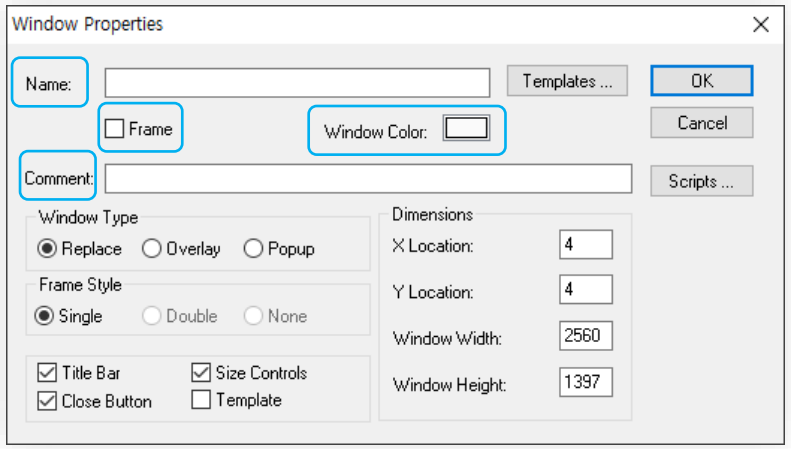
- 애플리케이션을 구성하는 기본 요소
- 하나의 애플리케이션은 여러 개의 윈도우를 가질 수도 있음

- 윈도우 만들기!

New Window 만들기



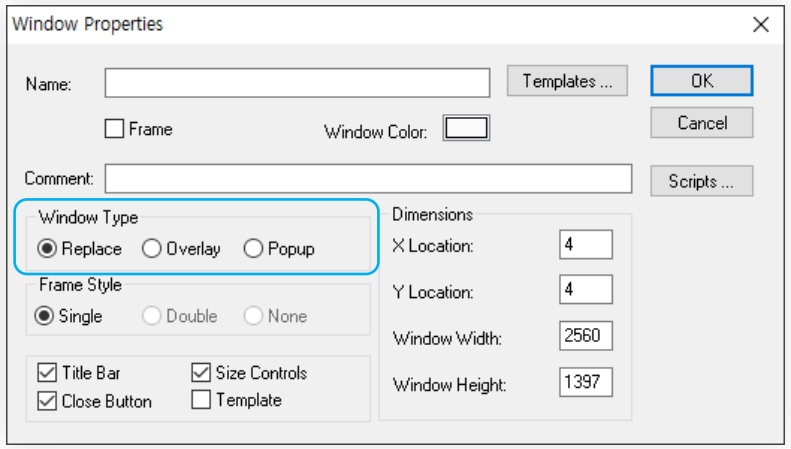
New Window 만들기



- Name : 윈도우의 이름
- Comment : 윈도우에 대한 설명

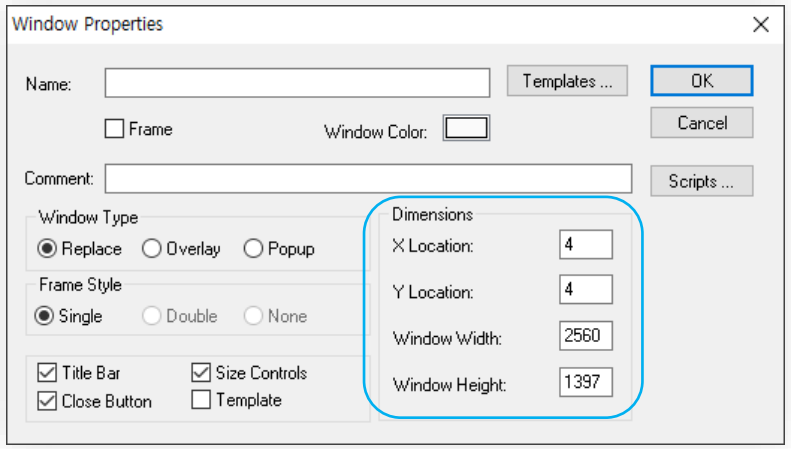
  (생략 가능)
- Window Color : 윈도우의 배경색 지정
- Frame: 윈도우 테두리 지정

Window Type



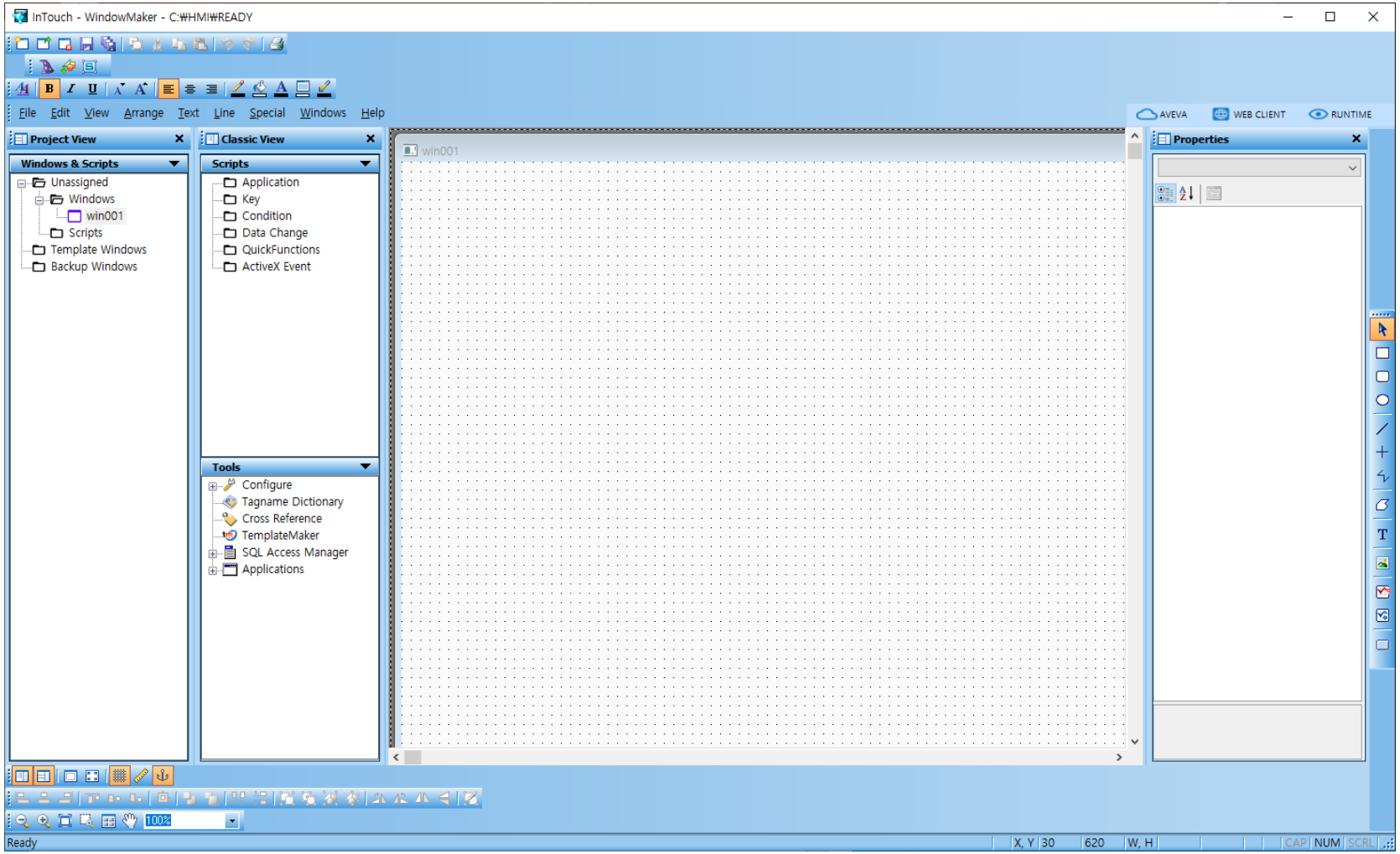
- Replace : replace 타입의 윈도우가 켜지면 다른 유형의 타입은 닫힘
- Overlay : 현재 디스플레이된 윈도우 위에 나타남
- Popup : overlay와 비슷하게 디스플레이된 윈도우 위에 나타나지만, popup은 열린 모든 윈도우 위에 항상 있게 됨

Dimentions



- Location : 윈도우의 기본 위치
- Width & Height : 윈도우의 너비와 높이를 설정

Window 생성!!


InTouch - WindowMaker - C:₩HMI₩READY
File Edit View Arrange Text Line Special Windows Help
AVEVA WEB CLIENT RUNTIME
Project View
Windows & Scripts
Unassigned
Windows
win001
Scripts
Template Windows
Backup Windows
Classic View
Scripts
Application
Key
Condition
Data Change
QuickFunctions
ActiveX Event
Tools
Configure
Tagname Dictionary
Cross Reference
TemplateMaker
SQL Access Manager
Applications
win001
Properties
100%
Ready
X, Y 30 620 W, H
CAP NUM SCRL