

2. INSTALLER 2

2.1 THE INSTALLATION OF THE ORION PRO SOFTWARE3

2.1.1 Information Window3

2.1.2 License Agreement4

2.1.3 Presetup of Database Required Components4

2.1.4 Select Installation Options5

2.1.6 Select Destination Folder6

2.1.8 Starting Installation.....9

2.2 USING SECURITY DONGLES.....10

2.3 ADDITIONAL INFORMATION.....11

2. Installer

The Orion Pro Installer is a setup wizard to install selected Orion Pro software modules on a workstation.

You can install the Orion Pro Suite using a setup DVD or starting a setup file located on your hard disk.

To download the Orion Pro Distribution and DBMS go to the web-site: www.bolid.com following the link http://bolid.ru/download/orionprosetup1_12_2_eng.exe

The operation of Central System Server requires installation of MS SQL Server Express compatible with the operating system running on your workstation. The Orion Pro setup file includes all versions of MS SQL Server Express. The setup wizard selects automatically the proper version of MS SQL Server Express compatible with your operating system.

Version of Windows OS	Version of MS SQL Server Express
Windows XP; Windows 2003 Server	MS SQL Server Express 2005
Windows Vista; Windows 2008 Server; Windows 7	MS SQL Server Express 2008
Windows 8	MS SQL Server Express 2012

Windows XP

In case of Windows XP, please install NET Framework.



Workstation	Type of Software	Pre-requisite software
Workstation with Central System Server	MS SQL Server Express 2005	NET Framework 2.0 or higher
	SQL Server Management Studio Express 2005	NET Framework 2.0 or higher
	MS SQL Server 2008 + SQL Server Management Studio Express 2008 ^(*)	NET Framework 3.5 or higher
Other workstations	-	-

^(*) SQL Server Management Studio Express 2008 will be installed automatically while installing MS SQL Server 2008.

Now, the Orion Pro Suite supports the following operating systems:

- Windows XP,
- Windows 2003 Server
- Windows 2008 Server
- Windows 7
- Windows 8.

The software is compatible both 32-bit and 64-bit versions of the above Windows OSs



If you plan to upgrade the database of legacy Orion Pro systems that use the Paradox database, you have to install drives for BDE (Borland Data Engine). The BDE can be installed before or after installation of the Orion Pro Suite. The main requirement is that the BDE has to be installed before upgrading the database.

The BDE Distribution is available to download: <http://www.bolid.ru/soft/object/>.

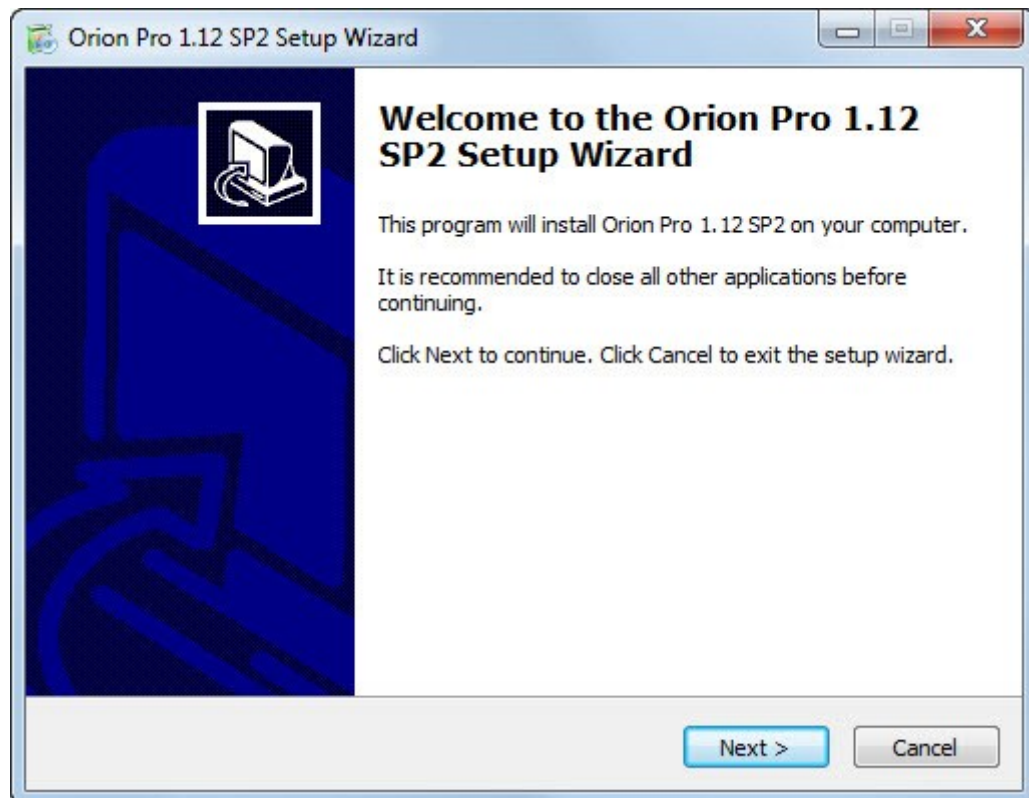
2.1 Installing the Orion Pro Suite

The installation of Orion Pro should be performed using administrative rights

Since Orion Pro uses network capabilities of a computer, please add its modules to exclusion list of the computer's anti-virus. Some anti-viruses can prevent installation and further operation of Orion Pro's modules.

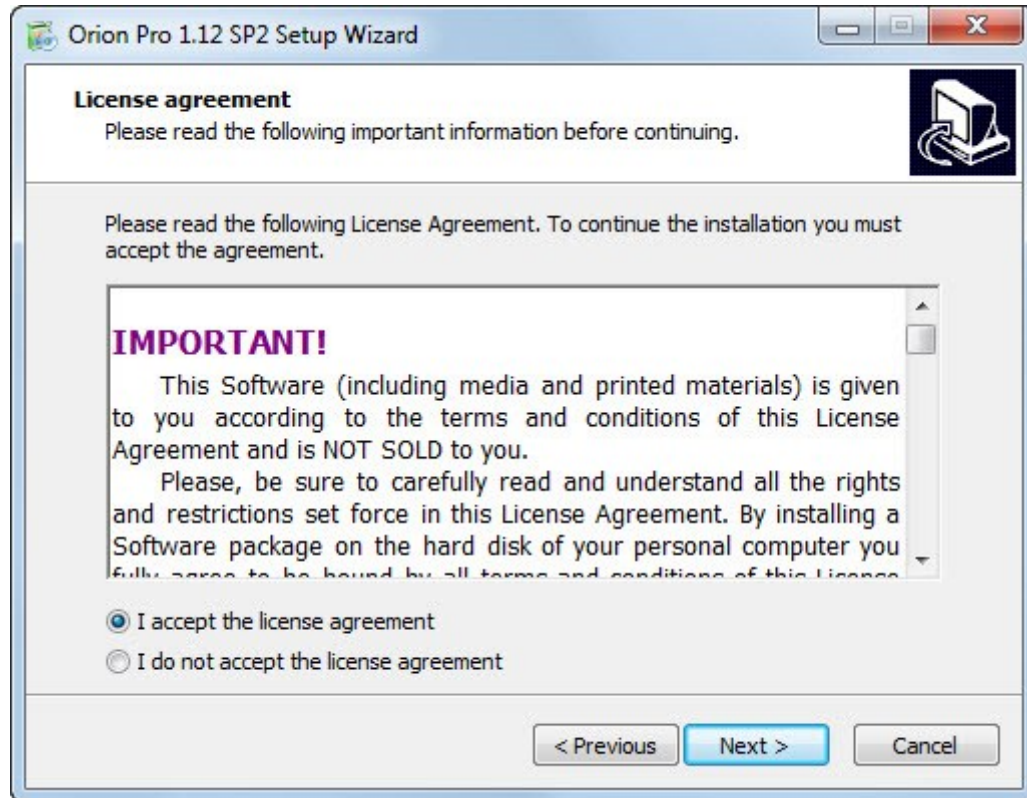
To start installation, please run the Orion Pro setup file (OrionProSetup1_12.exe).

2.1.1 Information Window



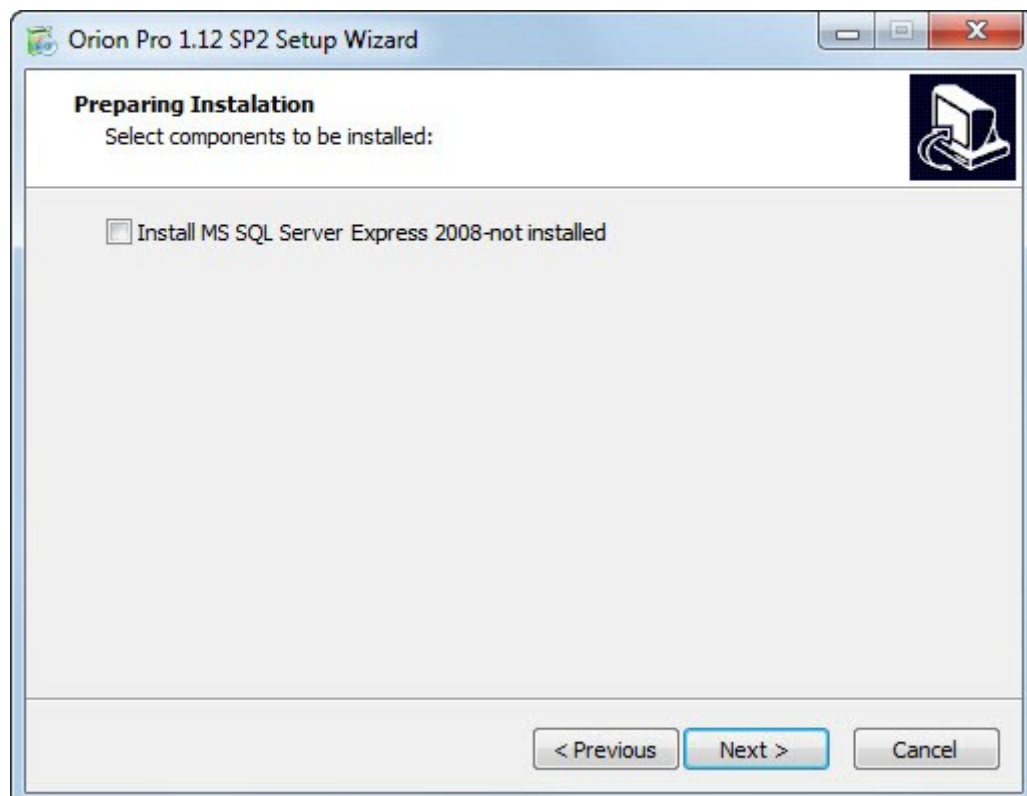
Please, close all other active applications before proceeding with installation.

2.1.2 License Agreement



Please read and accept the License Agreement, then click the **Next** button to continue.

2.1.3 Preparing Installation of Database Components



Please define whether to install applications (Microsoft SQL Server Express) required for the database operation.

All Orion Pro's modules interact with a single database physically located on one workstation. DBMS (MS SQL Server) and the Orion Pro's Central System Server have to be installed on this workstation. DBMS is not installed on the workstations of the system.

After clicking the Next button, the installation of Microsoft SQL Server Express will be started, if the corresponding item has been selected in the checkbox. When installation is completed, it will proceed with further installation of the Orion Pro Suite

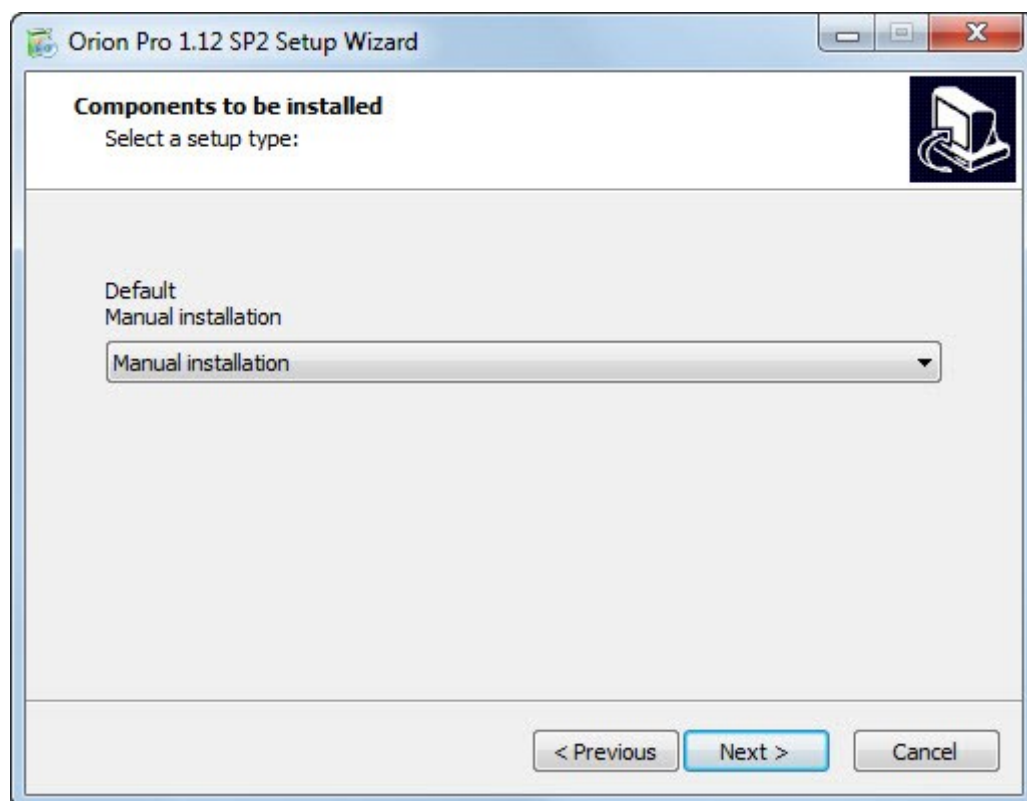
If the Microsoft SQL Server Express 2008 is installed on a computer with already installed Server Management Studio Express 2005, the SQL Server Management Studio Express 2008 will not be installed. The SQL Server Management Studio Express 2005 is not compatible with Microsoft SQL Server Express 2008.

Therefore, please delete SQL Server Management Studio Express 2005, and then continue installation of the Microsoft SQL Server Express 2008, this will include the installation SQL Server Management Studio Express 2008 which is compatible with Microsoft SQL Server Express 2008 and Microsoft SQL Server Express 2005

Manual Installation of Microsoft SQL Server Express

If manual installation of Microsoft SQL Server Express is preferred, please perform such installation before installing the Orion Pro Suite. In this case, a user is responsible for selecting a required version of Microsoft SQL Server Express

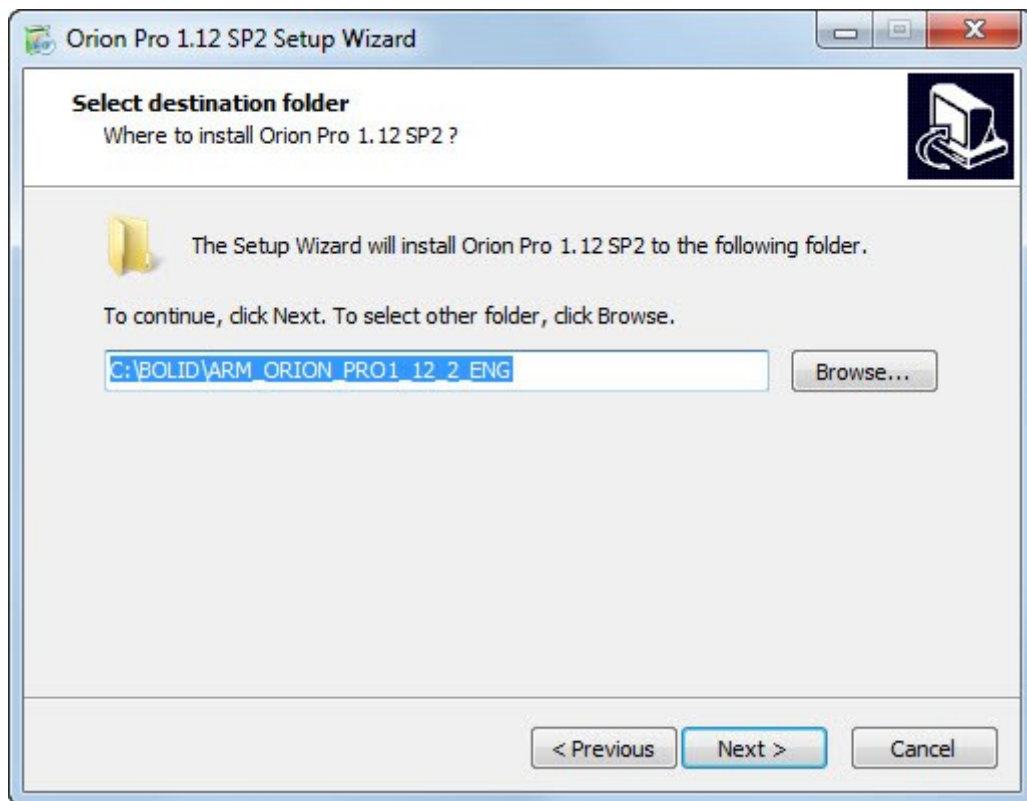
2.1.4 Selecting Installation Options



Please, select the type of installation:

- **Default:** If a proper Microsoft SQL Server Express was installed on your computer before, the wizard will install all Orion Pro software modules. If a compatible Microsoft SQL Server Express is not installed, the wizard will install all software modules but for the Central Server
- **Manual Installation :** A user can select software modules to install them as required

2.1.6 Selecting a Destination Folder



Please select a destination folder where the Orion Pro Suite will be installed.

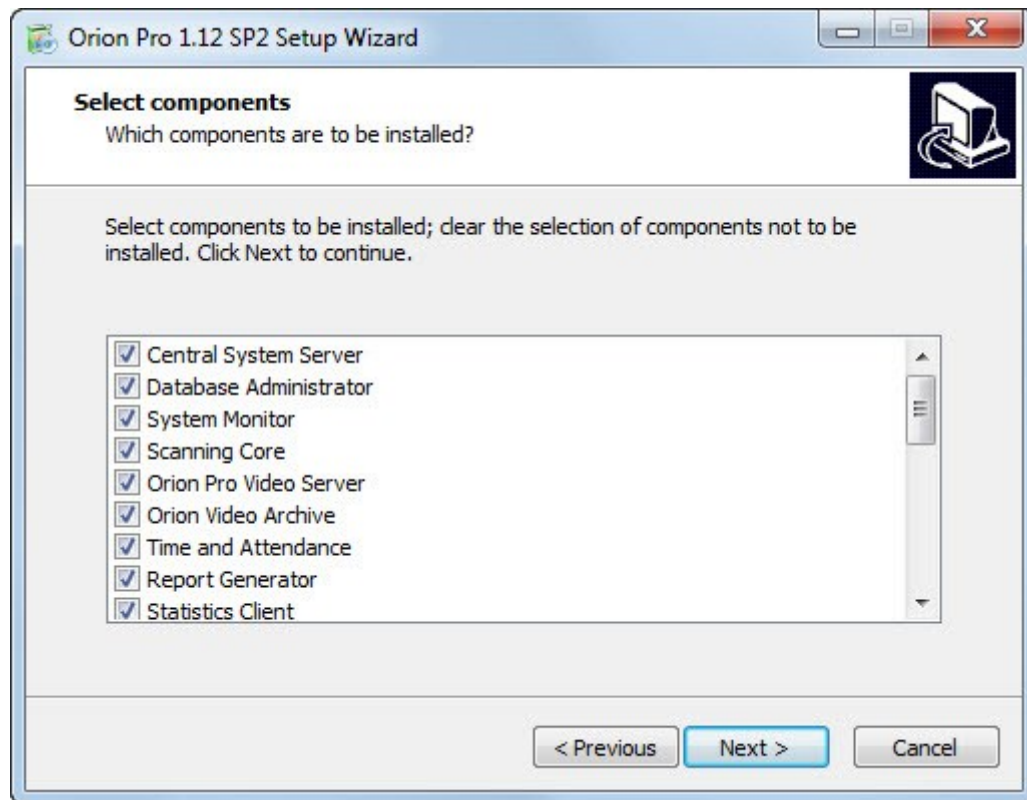


The folder path and name should include only English characters.

If an older version of Orion Pro was installed on this workstation, the new version must be installed in a different folder. If required, please run the database upgrade procedure (refer to chapter 4.16).

2.1.7 Selecting the Orion Pro Components to Install on the Workstation

This window will appear if the **Manual** installation is selected.



Please select components you want to install on this workstation. Please uncheck those items that you do not want to install on the workstation.

Central System Server	Installation of the Central System Server module.
Database Administrator	Installation of the Database Administrator module
System Monitor	Installation of the System Monitor module: the Orion Pro GUI Editor will be installed as well.
Scanning Core	Installation of the Scanning Core module. The Site Occupants and Keybox Driver will be installed as well.
Orion Pro Video Server	Installation of Orion Pro Video System
Orion Video Archive	Installation of Orion Pro Video Archie Cleanup
Time and Attendance	Installation of the Time and Attendance module
Report Generator	Installation of the Report Generator Module
Statistics Client	Installation of the Statistics Client module
Central Server Manager	Installation of the Central Server Manager module
Devices Configuring Utilities (UProg & PProg)	Installation of additional utilities used to configured devices (UProg) and S2000M panels (PProg).
Documentation	Installation of documentation related to the Orion Pro Suite
Map Editor	Installation of the Map Image Editor
Dongle Drivers for MS Windows	Installation of setup files for security dongles. This selection is needed for the workstation where the System Server, Scanning Core, and Video System are to be installed.
Management Scenarios Examples	Installation of files containing examples of scenarios bases on the ORION_Script macrolanguage

Employee Import Wizard	Installation of the Employee Import Wizard module
Personal Card	Installation of the Personal Card module
Orion Pro OPC Server	Installation of OPC Server.
MS XML Parser 3	Installation of setup files for Microsoft XML Parser 3. <i>Please select this item if Microsoft XML Parser 3 Distribution is required; it can be found in the folder where Orion Pro is installed. The Microsoft XML Parser 3 will be installed in any case, if any basic Orion Pro module will be installed</i>
Loop Status	Installation of the Loop Status module.

The brief description of each module of the Orion Pro Suite is provided in Chapter 1.1 *Orion Pro Suite. Brief Overview*

If the Central Server is installed, the operational demo database is installed as well.

The demo database includes examples of Orion ISS configuration including the intrusion detection and fire alarm, fire extinguishing, and access control systems.

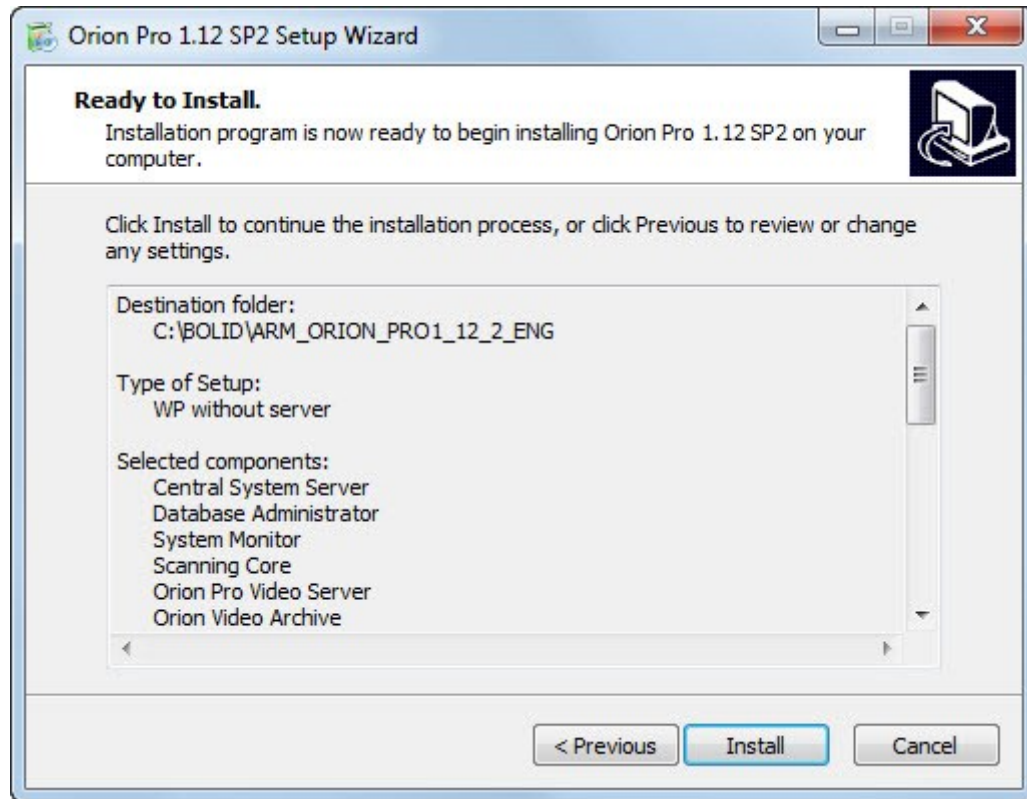
The Operational Database includes only initial data required for configuring system operation.

- Access Zone 0 – Outside Word ;
- Time Zone - Always;
- Access Levels - Prohibited and Maximum
- User “Smith” with “Owner” system status;
- The password for programs “1” for Smith with all rights

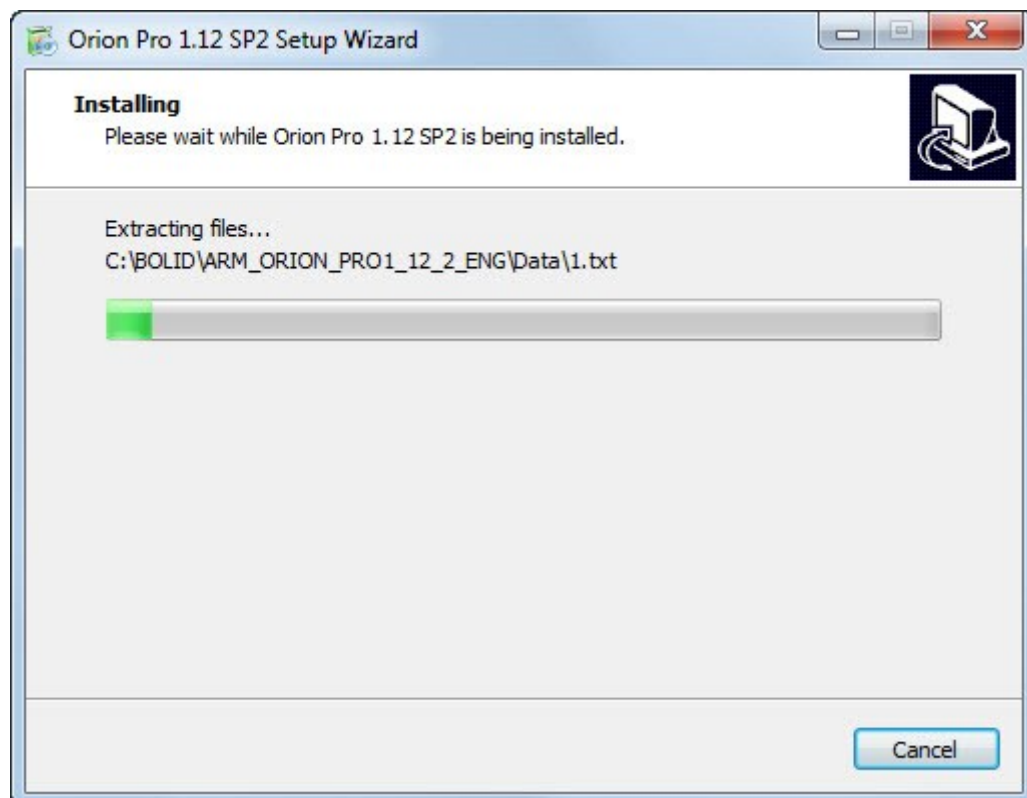


Attention! After installation of the Orion Pro Suite, the default password to access any software module is ‘1’. Please, replace this factory default password with your own one because of the security concerns.

2.1.8 Starting Installation



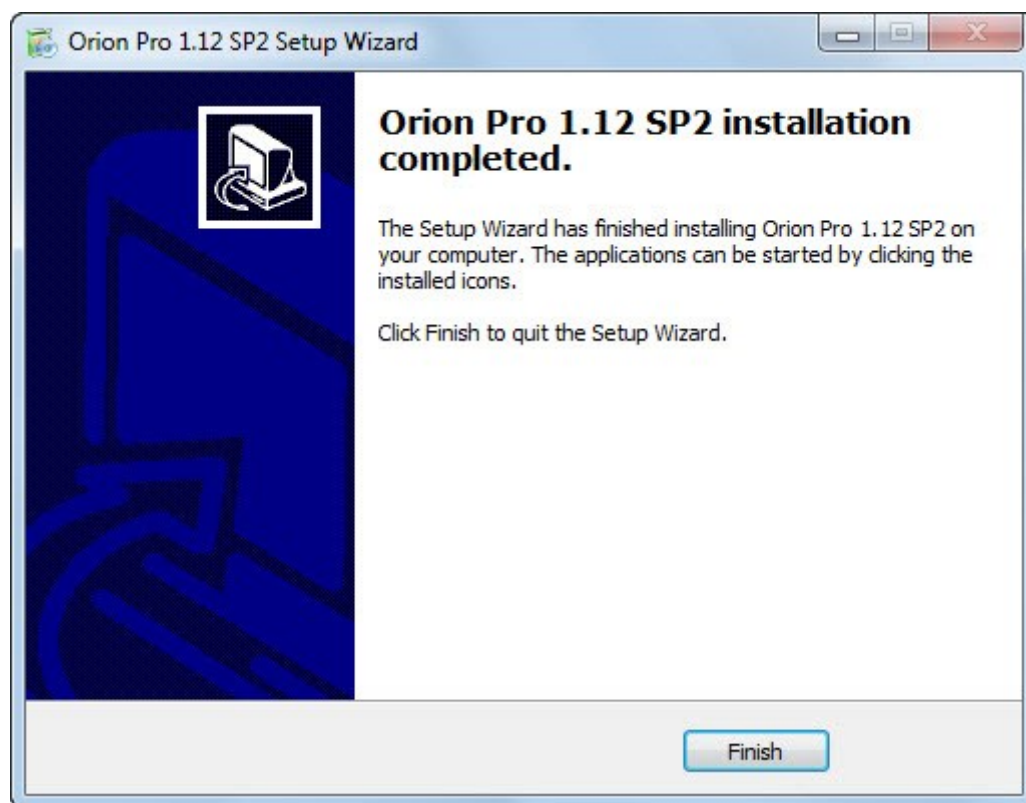
Please, check for the selection of folder, installation type, and components. When you click the **Install** button, the installation of the Orion Pro system will begin



If you have another copy of the product on a computer where you are installing this Orion Pro software, it will keep all settings of the old database.

If it is a completely new installation, the settings will be provided for operation with demo or operational database.

When installation completed, the wizard notifies about the successful installation of the Orion Pro 1.12 SP 2:



2.2 Using Security Dongles

Orion Pro modules work with USB protection dongles (also called hereinafter as protection keys)

There are two types of protection dongles:

- White dongles with the '*Bolid*' sign (supported by the Orion Pro 1.12 SP 2)
- Green dongles with '*Guardant*' sign

White dongles use a standard Windows driver.

Green dongles use a proprietary driver installed during the installation of the Orion Pro System. If you need to reinstall it manually, please follow the instructions:

- Close all Orion Pro software modules
- Install drivers located in the ...Drivers folder in a directory where Orion Pro Suite installed
- Insert dongle in a USB port;
- Install a new USB device using the **Add New Hardware** wizard or the like (it depends on an operating system) and reboot the computer.

Please take care of the following precautions while using protection dongles:

- Keep the protection dongle out of mechanical exposures (shocks, impacts, vibration, etc), from high or low temperature exposures, aggressive environments, high voltage - as such exposures may lead to the dongle failure.
- Do not apply excessive force while plugging a dongle to a computer USB port
- Keep a dongle out of humidity and dusty environment, and the like. In case of clogged USB dongle contacts please provide proper cleaning. To clean dongle body and contacts, use a dry tissue; organic solvents are not allowed.

- Please, never open a dongles body. This may cause the damage and unstable operation or failure of a protection dongle.

When the Orion Pro Suite is installed, the demo license file will be also installed to allow operation without a security dongle. The system will be fully functional but limited by the demo session period: 4 hours for the Central Server and 2 hours for the Operative Task

Therefore, you can use Orion Pro software modules without a security dongle, for example, in order to create a database in your office to transfer it to a field-operated system.

To run the Orion Pro system in the operative mode, please plug Central Server protection dongles and Operative Task dongles in USB ports.

To run a system in the operative mode with a green security dongle (Guardant), please copy license file 'prvd.ini' to the folders where the Orion Pro is installed:

You can take a license file from an earlier version of Orion Pro (if any licensed copy of Orion Pro has been used before) or from the root directory of the DVD disc supplied as part of bundle of supplied of Orion Pro Suite.

When you run the Orion Pro system with a white dongle with logo *Bolid*, no license file is required.



The Orion Pro Suite can be provided with white protection dongles including all license information. These security dongles have the following features:

- No prvd.ini license file is required
- No drivers are required to install
- Only Orion Pro 1.12 SP2 is supported

2.3 Additional Information

1. The proper operation of the Orion Pro Suite requires that the user account of Windows OS has the full rights to access for the following:
 - A folder with installed Orion Pro
 - Registry branch "HKEY_LOCAL_MACHINE\SOFTWARE\BOLID\"