

QUICK REFERENCE GUIDE



GEA Omni

Control

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herein after referred to as the **manufacturer**. This restriction also applies to the drawings and diagrams contained in the documentation.

LEGAL NOTICE

This documentation has been written in all conscience. However, the manufacturer cannot be held responsible, neither for any errors occurring in this documentation nor for their consequences.

SYMBOLS USED

Danger

Stands for an immediate danger leading to severe physical injuries or death.

▶ Description for avoiding the danger.

Warning!

Stands for a potentially dangerous situation leading to severe physical injuries or death.

▶ Description for avoiding the dangerous situation.

Caution!

Stands for a potentially dangerous situation which could lead to minor physical injuries or damage to property.

▶ Description for avoiding the dangerous situation.

Notice!

Stands for important information that must be observed for the intended use and function of the product.

▶ Description of the required action for the intended function of the product.

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1 GEA Omni - QUICK REFERENCE GUIDE (QRG)

1.1 Start-up Steps

Notice!

The steps described in this document will help you to commission a product controlled by a GEA Omni control panel.

► Depending on the product there might be other steps required as well or the order might differ.

Caution!

Read all corresponding instructions and documents before commissioning the product!

► The documentation is an integral part of the product documentation.

Danger

Follow the local safety regulations!

► Always pay attention to your own safety and the safety of others while working on the products.

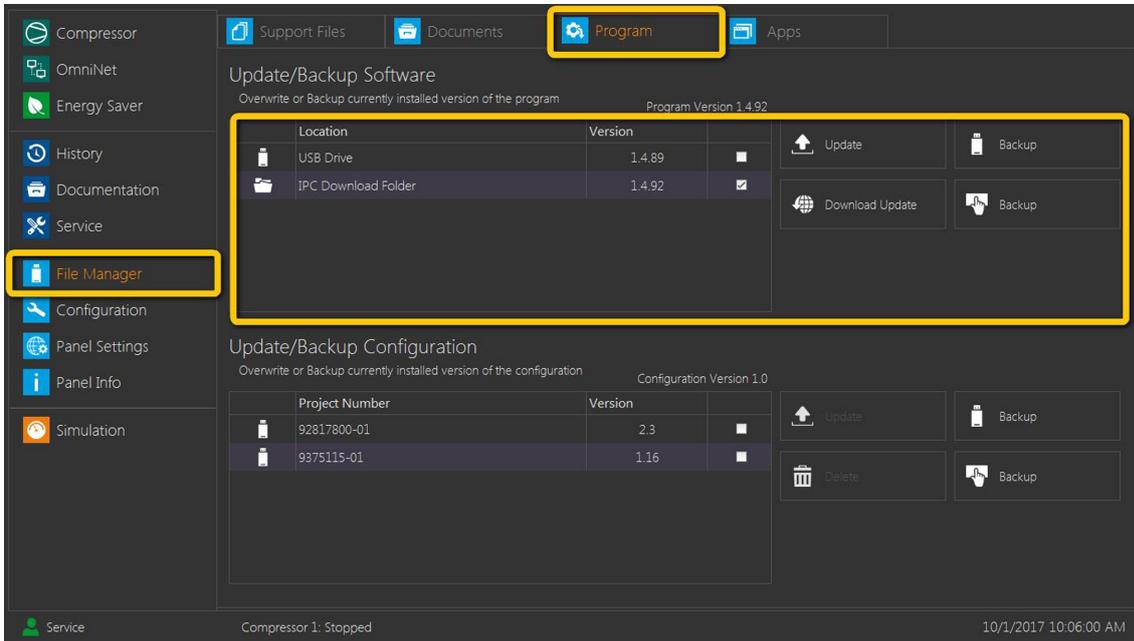
► It is imperative to strictly observe the instructions and information given!

1. Check the state of the control. If no problems exist turn on the control.
2. Login as **Service** or by using your **own user profiles** created for start up.
3. Check if updates are needed and update the control panel in the following order:
 - Program (GEA Omni.oprg)
 - Configuration (*.oconfig)
 - Parameter (*.oprms)Before updating a control make a backup of the program, configuration and parameter file.
4. **Repower** the control panel to make sure that the new configuration is activated correctly.
5. Check configuration, scaling and parameters (important: motor current sensor).
The **Panel Data Report** replaces the former **Parameter list**.
6. Check the connections to and from BMS control system.
7. **Check rotation direction** of compressor and if applicable oil pump motors (switch on manually).
8. Start compressor: - manual - automatic - remote (if applicable).
9. Setup screen time out.
10. Instruct operators / customer.
11. Setup users and remove users installed for start-up.
12. Backup files and fill out service reports etc.
13. Finish start-up once the compressor is running fine by pressing the **Move start-up files** button in the **Service** menu - Touch Panel

1.2 Program update and program backup

1.2.1 Program update

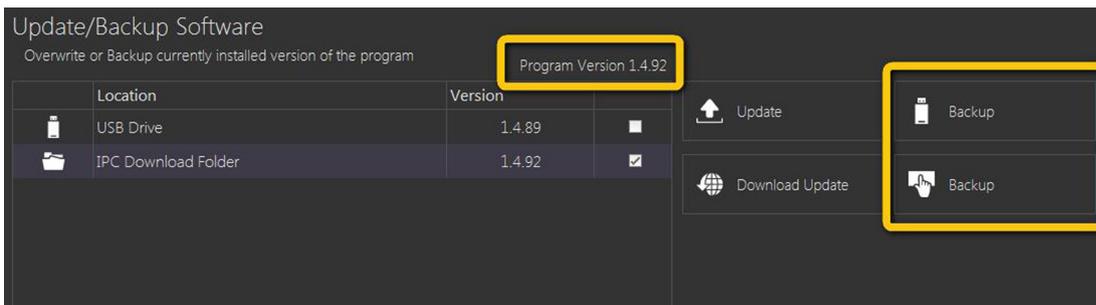
1. The program update may reside on a USB stick, be backed up directly on the panel or, if an Internet connection is available, be obtained from the Internet.
2. Select **File manager – Program** and the screen below will appear:



3. Select the program version to update in the table.
4. Then press **Update**.

1.2.2 Program backup

1. The currently installed and selected program version is backed up regardless of the selection in the table:

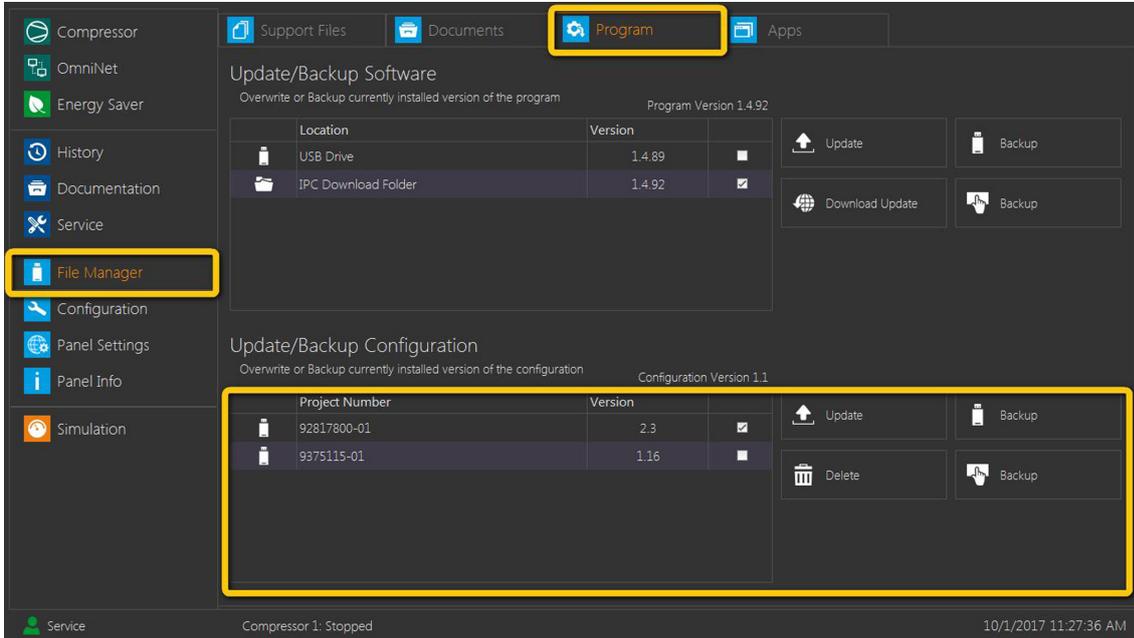


2. Press the upper **Backup** button to back up the program to a USB stick plugged in. Or press the lower **Backup** button to back up the program locally to the panel.

1.3 Configuration update and configuration backup

1.3.1 Configuration update

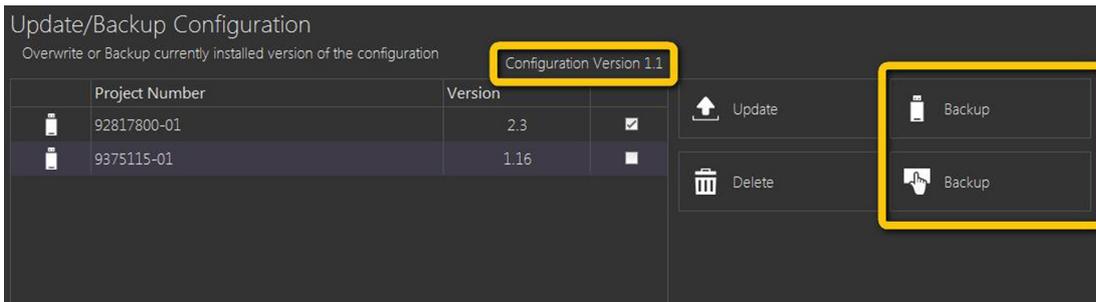
1. The configuration may reside on a USB stick or be backed up directly to the panel.
2. Select **File manager – Program** and the screen below will appear:



3. Select the desired configuration in the table.
4. Then press Update.

1.3.2 Configuration backup

1. The currently installed and selected configuration is backed up regardless of the selection in the table:

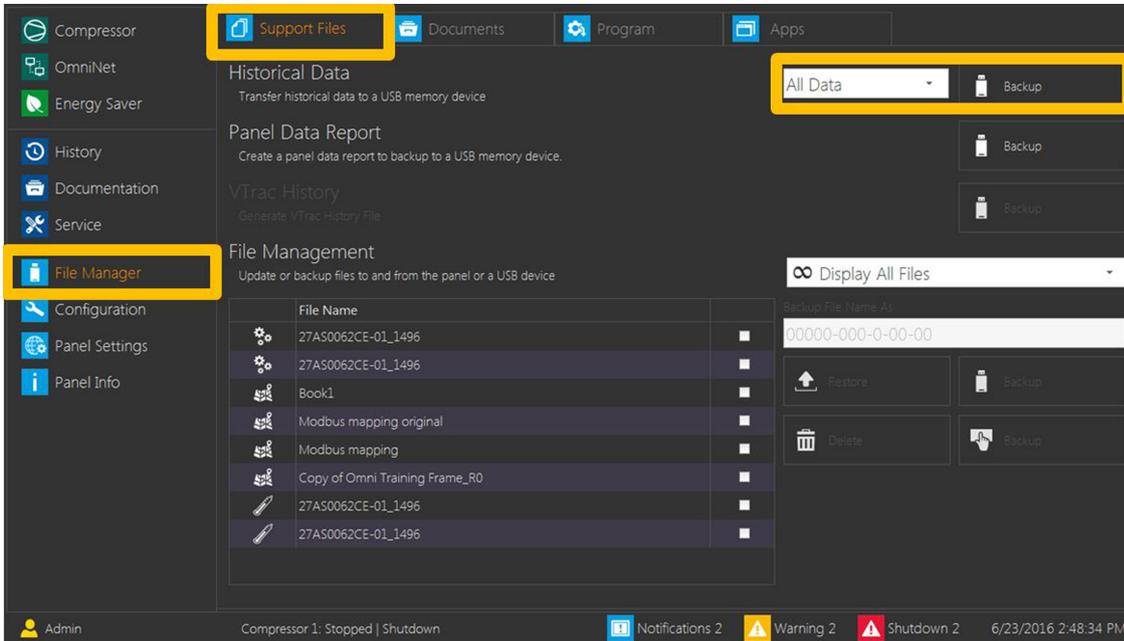


2. Press the upper **Backup** button to back up the configuration to a USB stick plugged in. Or press the lower **Backup** button to back up the configuration locally to the panel.

1.4 Backup historical data

The steps described in this document will help you to make a backup of the historical data on a GEA Omni control.

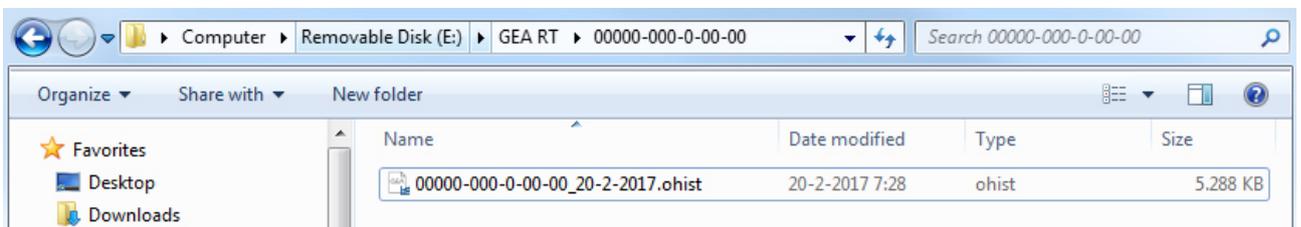
1. Plug a USB stick into the USB adapter.
2. Select **File manager – Additional files** and the following screen will open:



3. Select the period of the data. The following periods are possible:



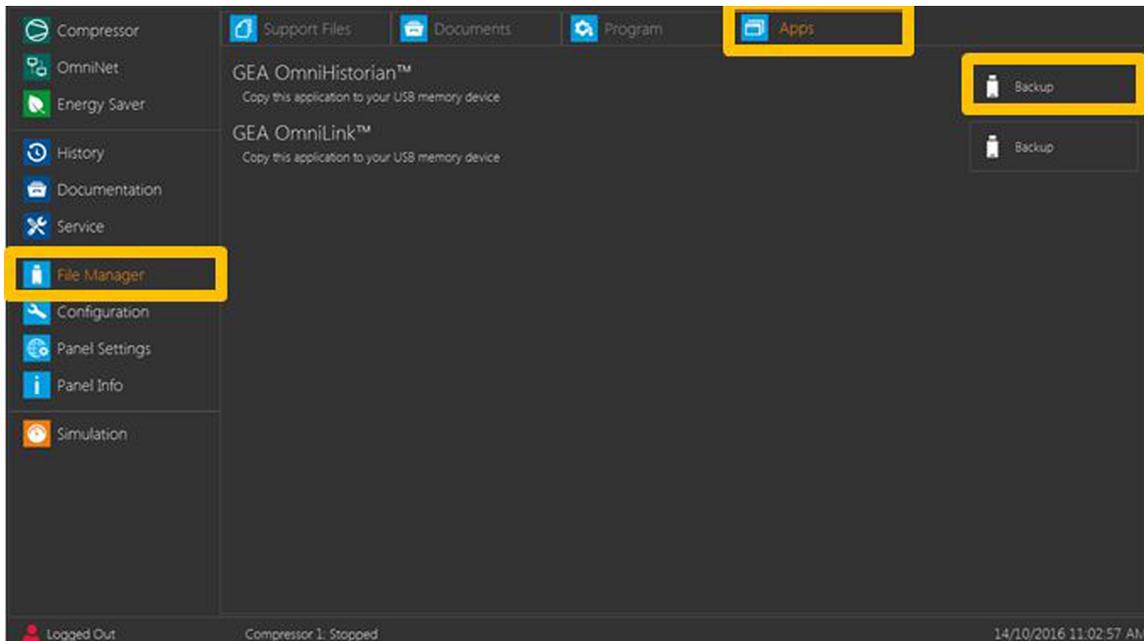
4. Press the **Backup** for the GEA OmniLink app
5. The data is stored on the USB stick at the following location and can be sent by e-mail.



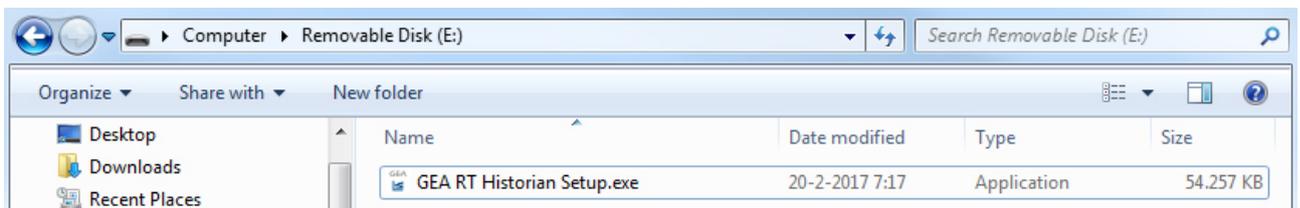
1.5 GEA OmniHistorian

The steps described in this document will help you to install Historian on your laptop or on the end customer's computer.

1. Plug a USB stick into the USB adapter.
2. Select **File manager – Apps** and the following screen will open:



3. Press the **Backup** for the GEA OmniLink app
4. The program is stored on the USB stick at the following location and can be installed on a computer without the need of administration rights.



5. Plug the USB stick into the computer where OmniHistorian is to be installed.
6. Double click on the **GEA RT Historian Setup** for the GEA OmniLink app

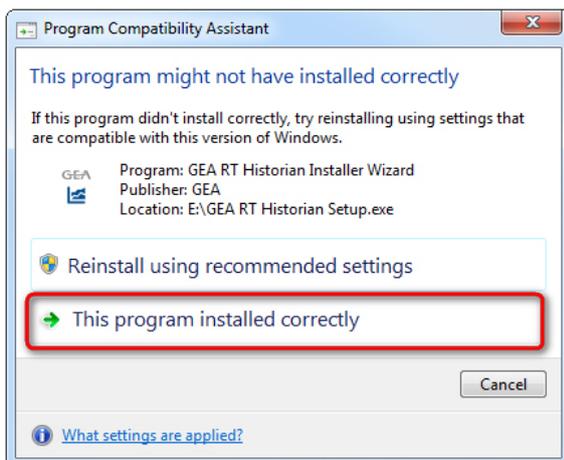
7. The following installation screen will appear:



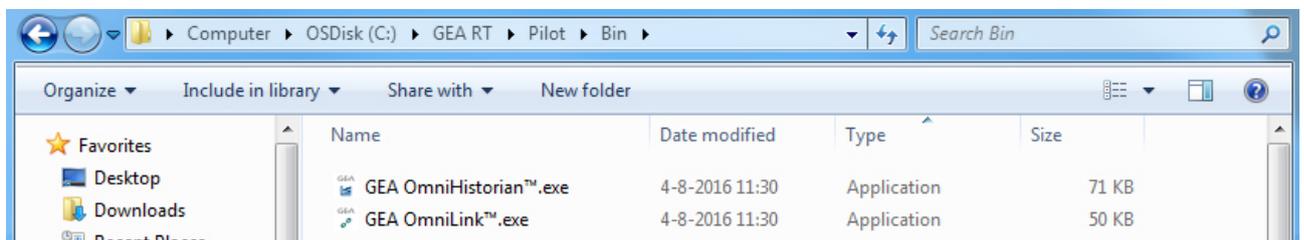
8. Press on **Install** for the GEA OmniLink app

9. Press on **Close** to complete the installation.

10. The following screen will appear. This is no problem but shows that the program will be instal-led correctly.



11. The program is installed at the following location of your computer.



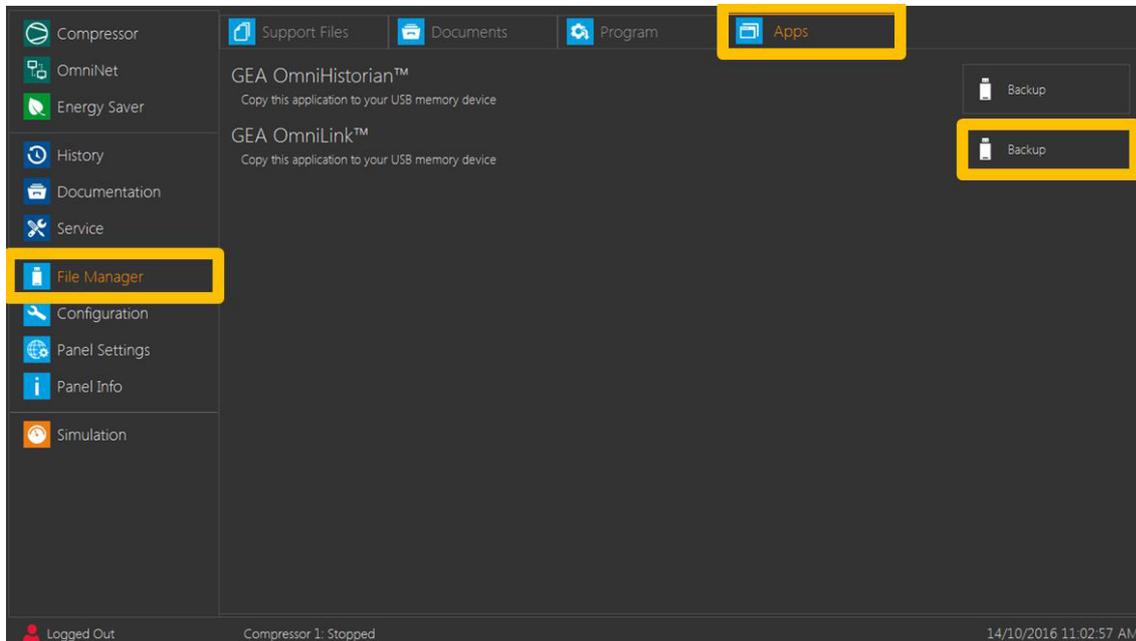
12. A new icon will be added on your desktop. Double-click on the icon and the OmniHistorian will start.



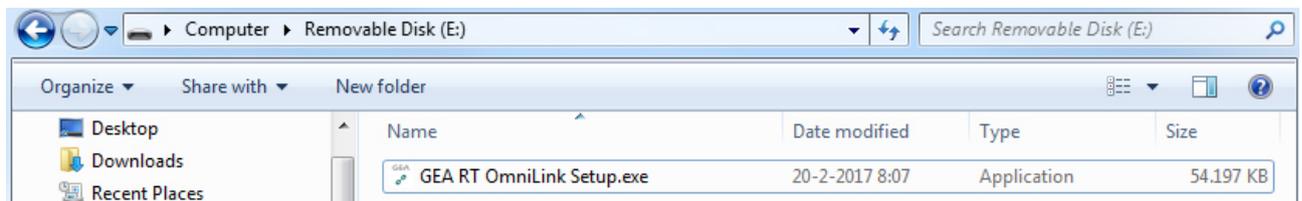
1.6 GEA OmniLink

The steps described in this document will help you to install OmniLink on your laptop or the end customer's computer.

1. Plug a USB stick into the USB adapter.
2. Select **File manager – Apps** and the following screen will open:



3. Press **Backup** for the GEA OmniLink app
4. The program is stored on the USB stick at the following location and can be installed on a computer without the need of administration rights.



5. Plug the USB stick into the computer where OmniLink is to be installed.
6. Double click on the **GEA RT OmniLink setup** for the GEA OmniLink app

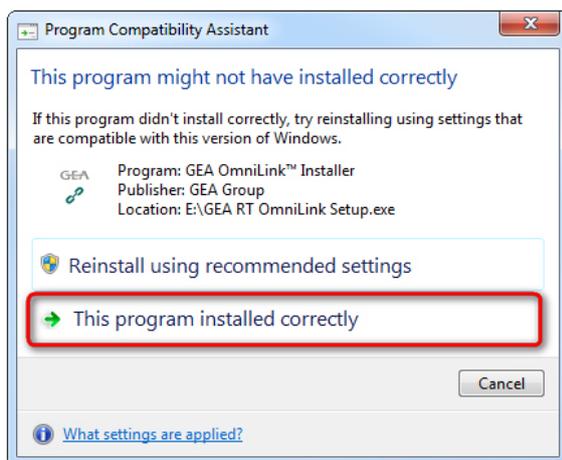
7. The following installation screen will appear:



8. Press on **Install** for the GEA OmniLink app

9. Press on **Close** to complete the installation.

10. The following screen will appear. This is no error but indicates that the program will be installed correctly.



11. A new icon will be added on your desktop. Double-click on the icon and the OmniLink will start.



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