How-To Install testo Saveris Web Access

Installation procedure

1. Install Microsoft standard software
2. Check system requirements
3. Add manual registry-key for e-mail alarming
4. Perform testo Saveris Web Access Web Deploy
5. Initial Super-Admin Login.
6. Optional: Activate Windows Authentication
7. Important CFR specific information

1. Install Microsoft standard software

For using testo Saveris Web Access you have to install additional Microsoft standard software, which is:

- Microsoft Net Framework 4.5
- Microsoft Web Deploy 3.5
- Microsoft IIS

Best is you use Microsoft Web Platform Installer 5.0 to install the above software automatically: [http://www.microsoft.com/WEB/downloads/platform.aspx](http://www.microsoft.com/WEB/downloads/platform.aspx)

If you do not want to use Microsoft Web Platform Installer 5.0, you can also install the software separately:

2. For installing Microsoft Web Deploy 3.5 separately please follow following instructions: [http://www.iis.net/downloads.microsoft/web-deploy](http://www.iis.net/downloads.microsoft/web-deploy)
3. For installing Microsoft IIS separately please follow following instructions:
   On Windows 8: [http://windows.microsoft.com/de-de/windows-8/internet-information-services-iis-8-0](http://windows.microsoft.com/de-de/windows-8/internet-information-services-iis-8-0)
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2. **Check system requirements**
   Please check following system requirements before continuing to install testo Saveris Web Access:

   **Optimum**
   - Microsoft Windows Server 2012 R2 64-bit
   - Microsoft SQL Server 2012
   - Microsoft Net Framework 4.5
   - Microsoft Web Deploy 3.5
   - Microsoft IIS 8.5
   - Internet Explorer 11
   - Saveris Software Version 4.5 SP4

   **Minimum**
   - Microsoft Windows Server 2008 R2 64-bit or newer
   - Microsoft SQL Server 2008 R2 or newer
   - Microsoft Net Framework 4.5 or newer
   - Microsoft Web Deploy 3 or newer
   - Microsoft IIS 7.5 or newer
   - Internet Explorer 9 or newer
   - Saveris Software Version 4.3 or newer

3. **Add manual registry-key for e-mail alarming**
   For direct e-mail alarm-link to testo Saveris Web Access, you have to add a manual registry-key on the testo Saveris Server PC.

   1. Open the **run box** with pressing **windows key + R**
   2. Enter **regedit** to open **Registry Editor**

   ![Registry Editor](image)

   3. Go to:
      
      `HKEY_LOCAL_MACHINE\software\wow3264node\testo\comsoft\tdasmail (64-bit systems)`
      
      or
      
      `HKEY_LOCAL_MACHINE\software\testo\comsoft\tdasmail (32-bit systems)`
      
      add a new **string value**
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4. Enter the Name WebSite and the Value Data http://<webservername>/<websitename>
e.g. http://10.1.100.2/testosaveris and click OK.

5. Close the Registry Editor
4. **Perform testo Saveris Web Access Web Deploy**

In this step testo Saveris Web Access Website will be set up.

1. Run **IIS Manager**
2. In the **Connections** pane of the **IIS Manager** window, expand the local server node, expand the **Sites** node, and select **Default Web Site**.
3. In the **Actions** pane, in the **Deploy** tab click **Import Application**. (If you don’t see an Import Application link, the most likely reason is that Microsoft Web Deploy is not installed. You can use the **Web Platform Installer** to install both IIS and Web Deploy)

4. In the **Select the Package** wizard step, navigate to the **Saveris Web Access Installation CD**, open the folder **WebDeploy**, select the file **testosaverisweb.zip**.
5. Click **Next**.
6. In the **Select the Contents of the Package** step, leave all the check boxes selected and click **Next**.
7. In the **Enter Application Package Information** Step, enter the Application path and the rdbmsserver.

8. Click on **Next**.

9. The wizard asks you if you want to run the application in the default .NET 4.0 application pool. Confirm with **Yes**.

10. If you are updating your Saveris Web Access the wizard asks if you want to delete files at the destination that aren't in the source. Select **Yes, delete all extra files and folders**... and click **Next**.
11. IIS Manager installs the package and reports its status.
12. Your application has been deployed to the server, and you can test by browsing to your site’s URL.
5. **Initial Super-Admin Login**

1. **Open** the testo Saveris Web Access in your web browser
2. Click on **Register** to create your first user account

![Login Screen](image)

3. Enter username and password. Click on **Register**
4. You now created your first user account. The new user account has initial permissions which allow him to only view measuring data and alarms.

5. To manage user permissions click on Log off to return to the log in site.
6. **Log in** with the initial Super-Admin Account
   Username: sa
   Password: Testoweb1!
7. Click on **user permissions** to manage permissions

8. You now can edit user roles and permissions by clicking on the items in the according row.
9. Click on sa to change the initial Super-Admin password to a secure individual password. Attention: If you forget the Super-Admin password you Don’t restore the password!

10. Well done! You finished the initial testo Saveris Web Access installation!
6. Optional: Activate Windows Authentication

Recommended as mandatory setting for testo Saveris CFR.
To activate Windows authentication for testo Saveris Web Access do the following:

1. Run IIS Manager
2. Go to the Saveris Web Access Website’s folder
3. Double-click on Authentication

4. Enable the entry Windows Authentication
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7. Important CFR specific information

If you are using Testo Saveris Web Access in CFR environments please consider following information:

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Testo Saveris Web Access users must be distinguishable from testo Saveris Comsoft users of the testo Saveris client software. This can e.g. be done through adding the identifier [WA] or similar.</td>
</tr>
<tr>
<td>2</td>
<td>Testo Saveris Web Access does not offer full security protection like sophisticated VPN solutions. Especially Web Access does not supply automated restricted access to the web server only for known users which subject to policing of service providers. If this functionality is seen as mandatory from the provider it is recommended to secure testo Saveris Web Access with an additional VPN solution.</td>
</tr>
<tr>
<td>3</td>
<td>Due to security reasons it is recommended to always close the web browser after logging out of the testo Saveris Web Access.</td>
</tr>
<tr>
<td>4</td>
<td>If the testo Saveris Client software does prescribe signature for alarm acknowledgement by configuration all testo Saveris Web Access users must not have operator user rights. This is due to the fact that testo Saveris Web Access is not able to demand signature for acknowledgment of alarms.</td>
</tr>
</tbody>
</table>
8. IIS install options

In case you have problems with accessing testo Saveris Web Access please check if the IIS install options (server roles, features, windows features) are set correctly.

Windows Server 2012
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Windows 10

Activation of Windows Authentication is only necessary at CFR systems (see section 6)