

Installation guide

- For ABC Analyzer & ABC Viewer

This guide describes the requirements and guidelines for installing and running ABC Analyzer version 5 and/or ABC Viewer 1.

If you experience any problems during the installation or usage, please feel free to contact our support team at:
<http://abcsoftwork.com/support>



Requirements

System Requirements

In order to run ABC Analyzer, Microsoft .NET 2.0 Framework is required installed. If this is not already installed, it can be found as an optional download through Windows Update. It can also be acquired through regular download¹ or via the ABC Analyzer installer which automatically will download and install it if needed.

Operating system

ABC Analyzer runs on the following Microsoft Windows operating systems: 2000 SP3, 2003, XP SP2, Vista, 2008 and Windows 7.

Machine requirements

To optimize your ABC Analyzer experience, we recommend that your computer meets the following *minimum* requirements:

CPU: 1,2 GHz minimum

RAM: 512 MB minimum

Hard disk: About 100 MB required

Depending on the size and structure of the data you wish to analyze, machine requirements may differ.

Note on Excel-integration

ABC Analyzer is tightly integrated with Microsoft Excel. For full compatibility with all features you must be running Microsoft Excel 2003, 2007 or 2010. The minimum requirement is **Microsoft Excel 2000**. Using ABC Analyzer with Microsoft Excel 2000 might require that you install some additional Microsoft data drivers for full compatibility. This is described in the section *Installing Microsoft Data Access Components*.

¹ <https://www.microsoft.com/en-US/download/details.aspx?id=1639>

Installation

Installation on a stand-alone Windows PC

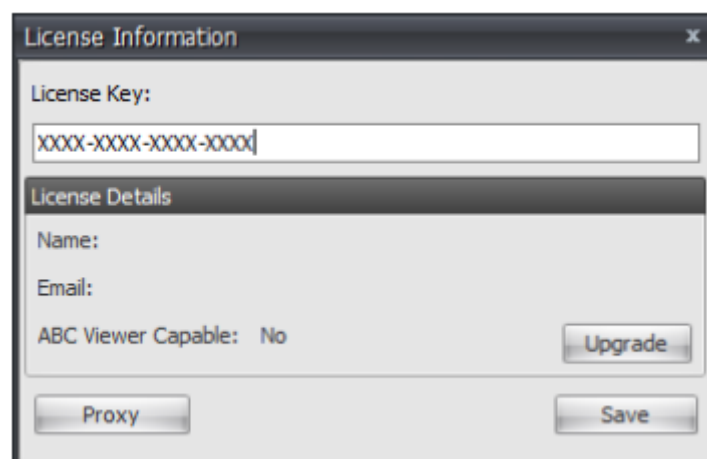
This description applies to: ABC Analyzer is being installed on workstations. If ABC Analyzer is to be run via an application server then see the section; *Installation on an application server*. Please make sure that the workstation where you wish to install ABC Analyzer meets the minimum requirements as described in the section *System Requirements*.

If you are installing the software on a shared network drive please refer to the section; *Installing on a shared network drive* for more information about security configuration.

Please note that we recommend that you close all applications when running the ABC Analyzer installation.

1. **Download ABC Analyzer** from our website via the URL: <http://static.abcsoftwork.com/latest/>
2. **Double click / Run** the downloaded installation file *ABC+Analyzer+4.X.X+Setup.exe*
3. **Finish the setup guide.** ABC Analyzer is installed using a setup guide that while guide you safely through the installation process. Follow the guide and ABC Analyzer will be run automatically when the installation is complete.
4. **Enter license information.** The first time you run ABC Analyzer, you are required to type in your personal license key. Pressing the *Save* button will verify your license key on our web server.

Should your connection to web servers require that you use a proxy server, please refer to the section; *Connectivity*.



The image shows a 'License Information' dialog box. It has a title bar with 'License Information' and a close button. Inside, there is a 'License Key:' label followed by a text input field containing 'XXXX-XXXX-XXXX-XXXX'. Below this is a 'License Details' section with a dark header. It contains labels for 'Name:', 'Email:', and 'ABC Viewer Capable: No'. There are three buttons at the bottom: 'Proxy', 'Save', and 'Upgrade'.

Installation on application server

Installing ABC Analyzer is very similar to the above approach. However, there are some pitfalls, which should be avoided. These include, but are not limited to;

- Automatic updating which isn't possible unless the user is administrator
- Proxy settings, such that these don't have to be typed in manually by users.
- License information for users, such that these don't have to be typed in manually.

In order to resolve these issues, and to make the installation as smooth as possible, it is recommended that the IT administrator contacts our support team for assistance; <http://static.abcsoftwork.com/support/>

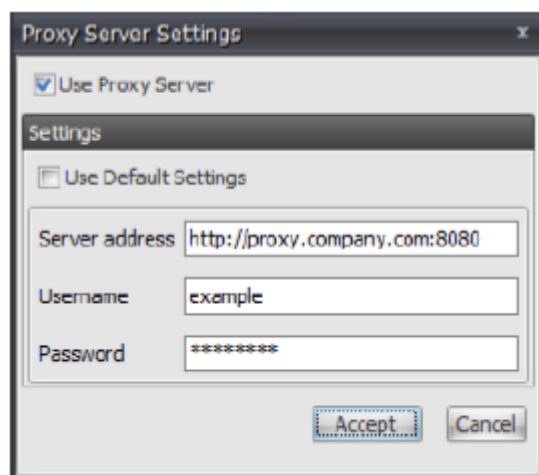
If installation is performed on a shared network drive, please refer to section; "Installing on a shared network driver" for more information about some potential security configuration needed.

Connectivity

If your connection to web pages requires that you use a proxy server you need to configure ABC Analyzer to do this as well. ABC Analyzer verifies your user license and check for updates using your primary connection.

The configuration of ABC Analyzer to use a proxy server can be invoked from different places. The first time the program is run, the license form prompts you for your license key as show in 1 - *Enter License information*.

Pressing the button *Proxy setup* will bring up the dialog as show in 3 - *Proxy server settings*.



Check the box *Use Proxy Server* and fill in the required *Server address*, *Username* and *Password*. Save the settings by pressing the *Accept*-button. You can also use the settings from Microsoft Internet Explorer by checking "Use Default Settings".

Firewall settings

ABC Analyzer and require access for communication to and from the domain abcservicecloud.com and all subdomains (templates.abcservicecloud.com, errors.abcservicecloud.com, lic.abcservicecloud.com, update.abcservicecloud.com, news.abcservicecloud.com eg.) on ports 80 and 443. The application uses HTTP and HTTPS. To ensure complete functionality all types of data should be allowed through unaltered.

Installing Microsoft Data Access Components

ABC Analyzer uses Microsoft Data Access Components (MDAC) to communicate with Microsoft Excel and Excel sheets. The minimum required version of MDAC required for 100% compatibility is 2.6. The required components can be found on the URL:

<http://www.microsoft.com/downloads/en/details.aspx?FamilyID=7554F536-8C28-4598-9B72-EF94E038C891&displaylang=en> (Data Connectivity Components)

Furthermore it might be required that you install a Microsoft JET-driver, which can be found at the URL:

<http://www.microsoft.com/downloads/details.aspx?familyid=2deddec4-350e-4cd0-a12a-d7f70a153156&displaylang=en>

Please note that you can use ABC Analyzer without these installs if you don't use Microsoft Excel or Excel sheets. Furthermore certain system configurations do not require that you install Microsoft MDAC and Microsoft JET. An example of such a configuration is a Microsoft Windows 7 computer with a *full* installation of Microsoft Office 2010.

Installing on a shared network drive

Please note: This section is made obsolete by an update from Microsoft. If your Windows installation is up-to-date, running .NET applications from a network share is now, per default, allowed.

The old Microsoft .NET Framework security settings would not allow ABC Analyzer to run from a shared network device. It was necessary to elevate the privileges of the folder that ABC Analyzer was installed in.

This could be accomplished by adding the network folder to the *Code Access Security Policy* (Caspol) which is a part of *Microsoft .NET framework 2.0*. You can do this by clicking “Start” and then “Run...”. Type “cmd.exe” and press “OK”.

The command line interpreter will appear; Then type in these commands one by one:

```
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\caspol.exe -pp off
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\caspol.exe -Machine -addgroup
Internet_Zone -url "file:///Y:\ABC Analyzer\*" FullTrust -name "ABC Analyzer"
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\caspol.exe -machine -ag
LocalIntranet_Zone -allCode FullTrust
```

```
C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\caspol.exe -pp on
```

“Y:\ABC Analyzer\” in the second command should be replaced with the network location where ABC Analyzer is installed. Furthermore it is vital that the asterix (*) after the path is included. UNC-paths are allowed (e.g. \\Share\folder*).

For future reference and/or installation, we recommend creating a batch file for this purpose.

Recommended software update frequency

It is recommended to always run the newest available version of our software as it contains the latest error fixes and feature additions.

If your IT-setup doesn't allow users to update software automatically/manually, it is recommended that your IT-department schedule an update procedure at least **once per quarter year**.

To disable automatic updates, please contact our friendly support team:

<http://static.abcsoftwork.com/support/>.