MACHPANEL CONFIGURATION STUDIO GUIDE

Revision: 3.0

MachSol Corporation,

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ABOUT THIS GUIDE

This guide is an illustration showing how to use MachPanel Configuration Studio utility. It will help you carry out initial setup and essential configuration settings as required. Please carefully follow this guide to understand the benefits and usage of Configuration Studio.

Note: Please use **"Download"** section (http://www.machsol.com/Customer/CustomerDownloads.aspx) in **Customer Portal** to access related guides.

1 MACHPANEL CONFIGURATION STUDIO

MachPanel Configuration Studio is the latest utility that is an add-on with MachPanel Control Server, specifically designed to perform necessary configuration settings for MachPanel Control Server. It is equipped with easy and simple to use interfaces allowing much more improved customer experience. This powerful utility installed with the MachPanel Control Server comes with all the functionality for initial and essential configuration settings including System Database, Control Panel Website, Provider Login/Password, Software Updates, Services, Active Directory, Email Settings and Software Backup.

2 MACHPANEL CONFIGURATION STUDIO INTERFACE

MachPanel Configuration Studio is a powerful tool that you configure some very important settings:
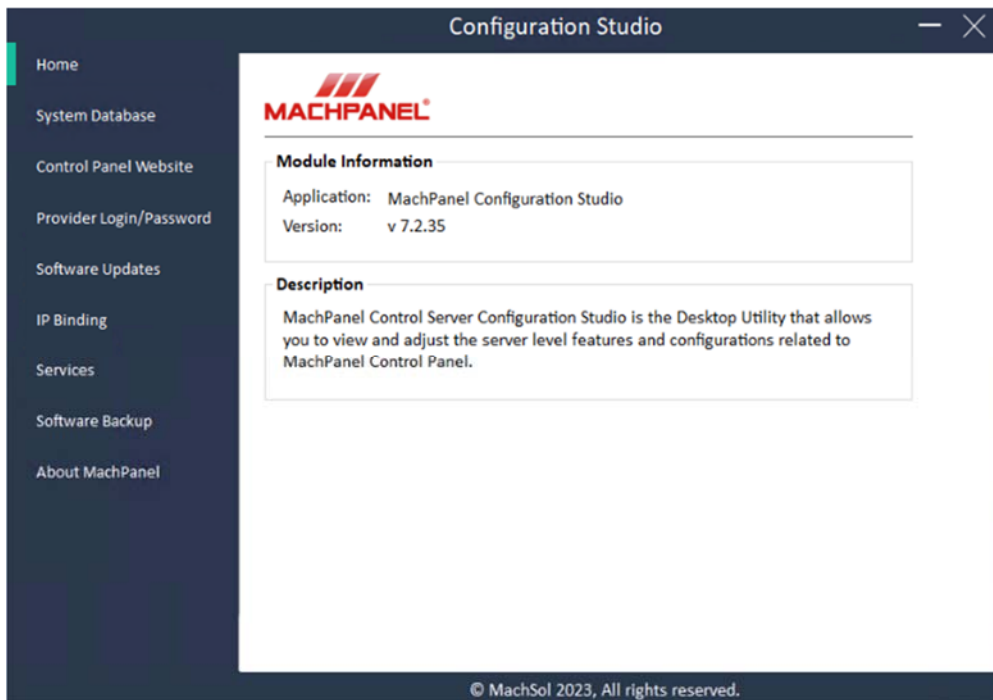

2.1 HOME

Home provides information for MachPanel version and description of the software. It comprises of following sections:

- System Database
- Control Panel Website
- Provider Login/Password
- Software Updates
- IP Bindings
- Services
- Software Backup
- About MachPanel

Details regarding each section are elaborated below.

2.2.1 SYSTEM DATABASE

This section is used to manage the MachPanel database and its user. In case you want to use an existing database or connect to a new one, you can use this section to configure the necessary connection settings.
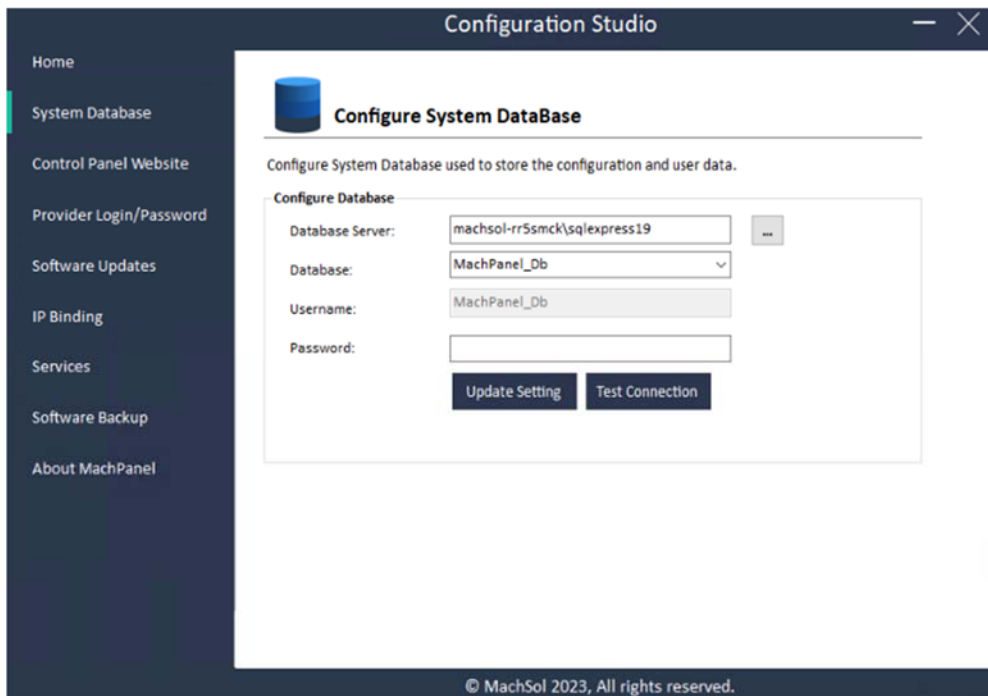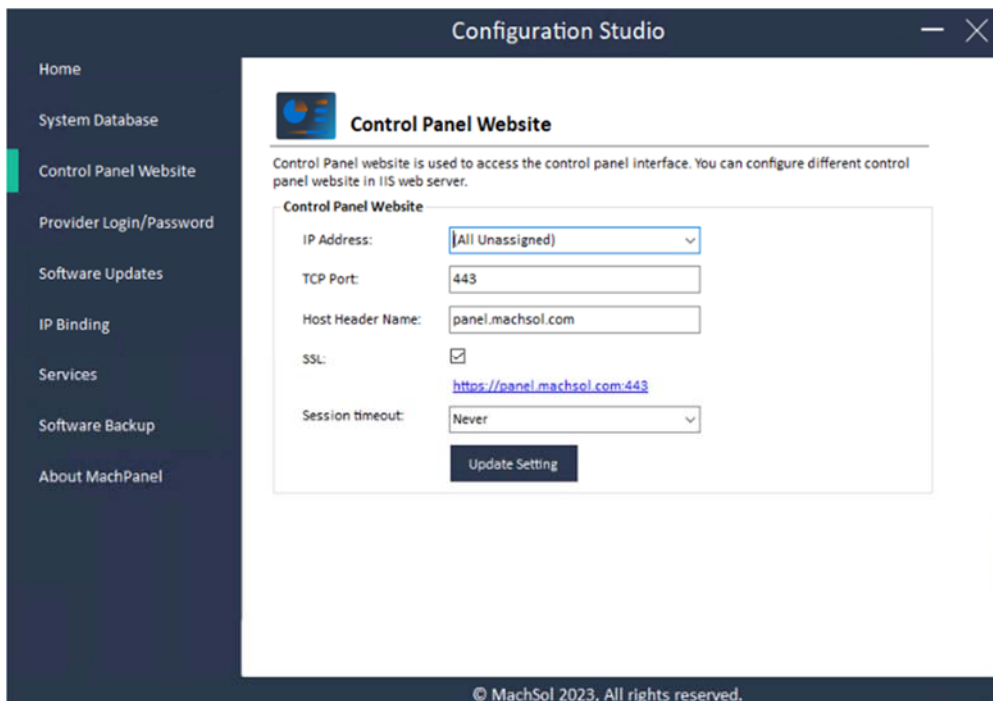

A description of the options on this section is as follows:

1. **Database Server:** The name of the database server and SQL instance (if applicable). If you have installed the MachPanel database on a SQL Server, then the server name is likely to be either local (if the SQL Server is on the same machine) or MACHINE-NAME (if it is on a remote machine). If you are using MSDE on this machine, then it is likely to be **MACHINE-NAME\MachPanel**. Click the ellipses […] button to search for SQL Server instances connected to this server, and display them in the dropdown box.

2. **SQL Server Connection:** Select your preferred type of authentication here. You can use either Windows NT Integrated Security or SQL based Security (this is the default).
3. **Username:** By default, the username for SQL Server is the MachPanel_Db account (database administrator). Unless you have specifically renamed the account in SQL, then you should leave this username as MachPanel_Db".
4. **Password:** Enter the password for the MachPanel_Db account here.
5. **Database:** This is the name of the MachPanel database. By default, it is MachPanel_Db but if you wish to create a new MachPanel database with a different name then enter it here, click **Update Settings**, and click the Test Connection button to create a new database with that name.
6. **Test Connection:** If you want to check that the database can be connected correctly by MachPanel then click this button.

7. **Update Settings:** Click this button to apply the changes.

2.2.2 CONTROL PANEL WEBSITE

This section manages the MachPanel Control Panel website settings used to access the control panel interface. For example, if you wish to configure control panel website as cp.fabrikam.com then you can do it directly from here. Just create the cp.controlpanel.com DNS record and configure it here.
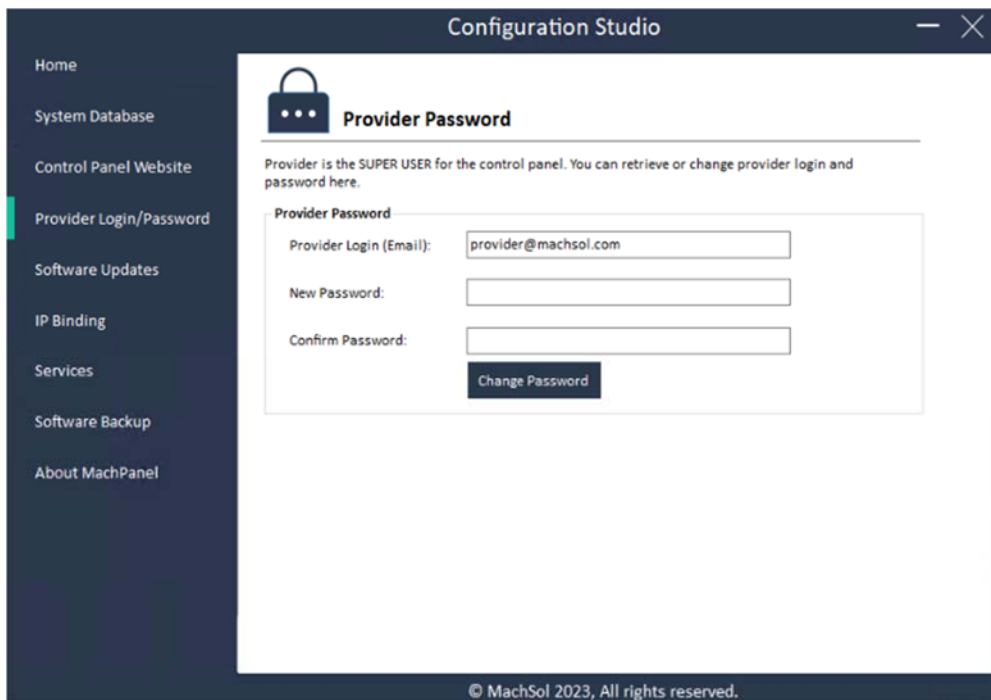
Descriptions of the options of this section are as follows:

1. I**P Address:** Choose an IP address that the MachPanel Control Panel website will run on. You can either pick an IP from the dropdown box, or enter one directly into the field.
2. **TCP Port:** Choose a port that the MachPanel Control Panel website will run on. By default this is 786 but can be changed to any unused port, or port 80.
3. **Host Header Name:** If you want to run the MachPanel website on a specific domain name, then enter it here – e.g. cp.fabrikam.com.
4. **SSL:** For using Secure Socket Layer (SSL) protocol, check this option. Doing so will ensure https (Secure Connection)
5. **Update Settings:** Click this button for the effect to take place once you want to enter the new settings or modify the existing ones.

2.2.3 PROVIDER LOGIN/PASSWORD

In this section you can provide the administrator **(SUPER USER)** Login and Password for the Control Panel. You can also retrieve or change the existing password in case you forget it.

1. **Provider Login:** Contains the login (email) you use to authenticate with the MachPanel Control Server as SUPER USER.
2. **Provider Password:** Contains the password you use to authenticate with the MachPanel Control Server.

3. **Show Password:** Displays the provider password for the Control Panel.

4. **New Password:** Enter the new password if you want to change the existing password that is used for authentication.
5. **Confirm Password:** Re-enter the new password for confirmation.
6. **Change Password:** Press this button for change password effect to take place.

2.2.4 SOFTWARE UPDATES

MachPanel automates the update process once the new version updates are available. On this section you can view the available updates that can be downloaded for MachPanel, choose your automatic update settings and also configure when to check for updates.

1. **Update Software** Choose the Update Software tab and press
2. **Check Available Updates** button to see a list of latest updates that are ready for your MachPanel installation.
3. **Software Update Configuration:** It let you set the core IP of control server to check automatic updates.

IMPORTANT: It is necessary that internet is active on MachPanel Remote Server for carrying out successful updates. Please see http://kb.machsol.com/Knowledgebase/Article/50105 for details.

1. **Check Available Updates:** Click this button to search for latest updates for MachPanel.
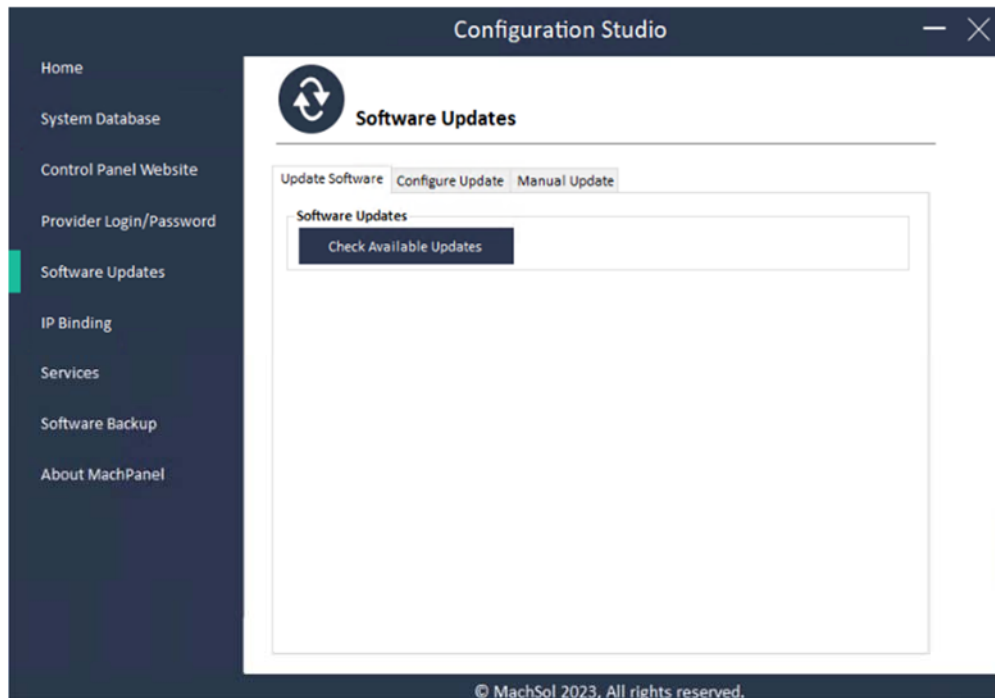

2. **Automatic Update Settings:** Choose the **Configure Update** tab to choose your options for installing updates automatically.
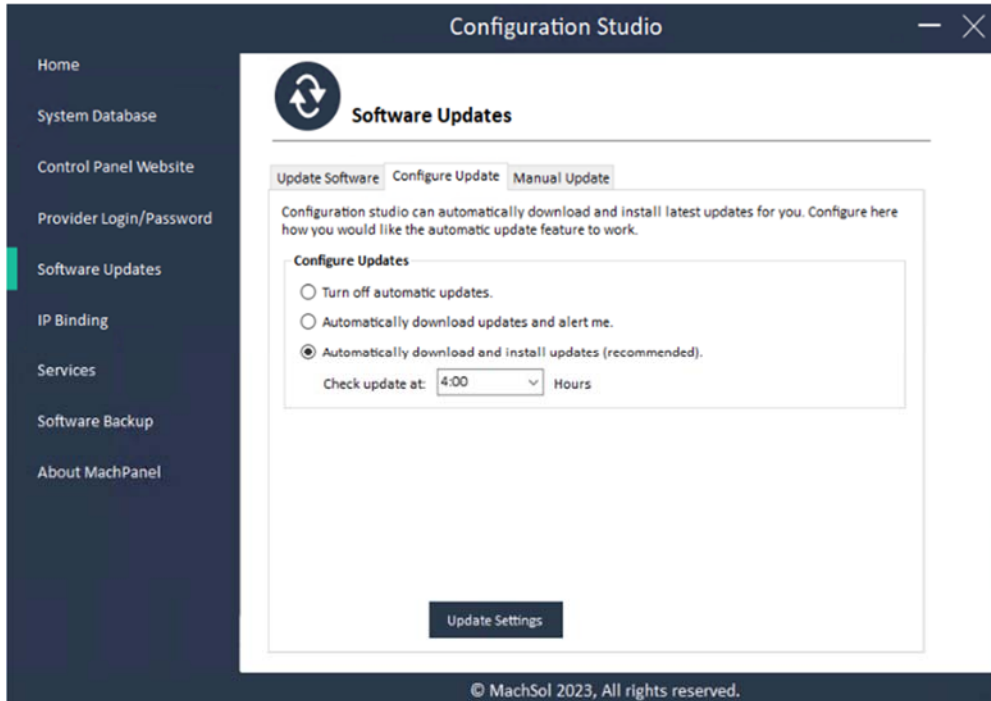
- **Turn off automatic updates:** If you want to disable automatic updates option or want to update manually, select this option
- **Automatically download Updates and alert me:** If you want the system to check for MachPanel latest updates, download these updates and alert you once this is done, select this option.
- **Automatically download and install Updates (recommended):** If you want the system to check for MachPanel latest updates, download these updates and install automatically, select this option. This is the most **recommended** option **Time:** Update action is to be performed at this specific time
- **Update Settings:** Click this button to apply the changes
3. **Manual Update:** This allows you to configure manual updates of your control & remote servers.
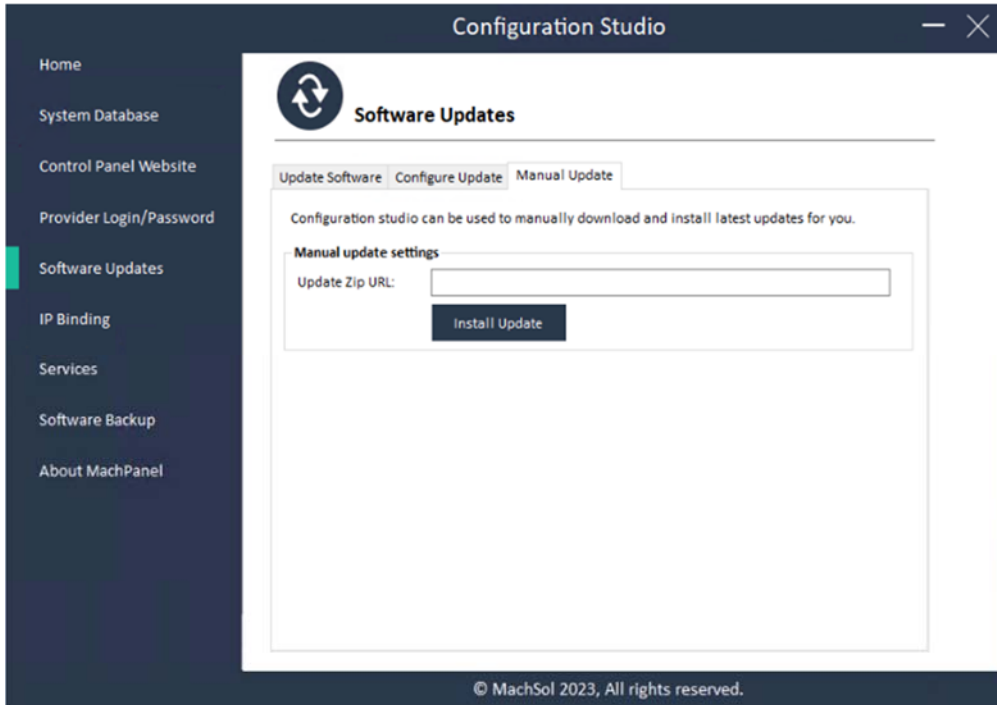
2.2.5 IP BINDINGS

This allows you to configure automation updates of your remote servers when you specify the IP and port for getting update file.
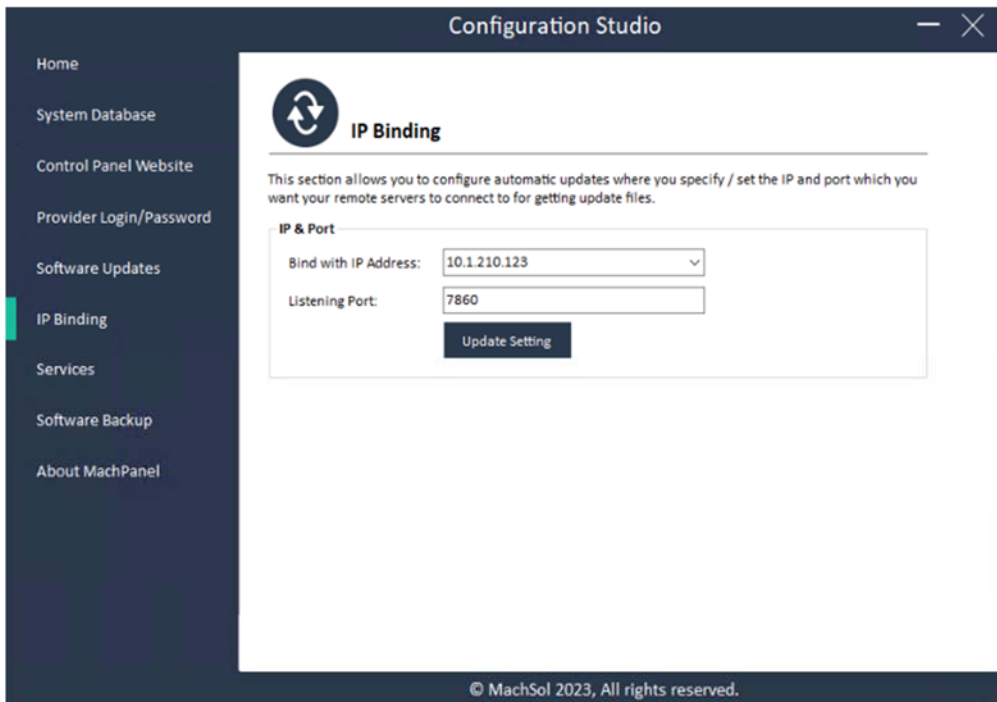
- **Bind with IP Address:** Select IP of your control server here.
- **Listening port:** It is port 7860

2.2.6 SERVICES

This section shows the MachPanel installed services currently running on your server, as well as specifies their details. You can stop, start or restart these services from here.

Handful of MachPanel Services can be stopped/started that comprise of:

1. **MachPanel HelpDesk Service:** Manages Ticketing system and exhibit notifications as configured.
2. **MachPanel Provisioning Service:** MachPanel extends its functionality though **Enterprise Extensions** e.g. (Hosted Exchange Extension, Hosted SharePoint Extension, BlackBerry Extension etc.). Remote servers running Enterprise Software are provisioned using this MachPanel Provisioning Service.
3. **MachPanel Billing Service:** Payments/Documents/Invoices and notifications/emails are handled though this MachPanel Billing Service.
4. **MachPanel License Service:** It communicates with the Licensing Server to activate/upgrade the license and is used for License management.
5. **MachPanel O365 Service:** To communicate with Microsoft Office 365 a windows service is built that will operate as a bridge between MachPanel and Microsoft Office 365.

A description of the options on this section is as follows:

1. **Start:** If you want to start the MachPanel Services, click this button.
2. **Stop:** If you want to stop the MachPanel Services for any reason, click this button. MachPanel will not be able to perform any actions on remote servers until these Services are restarted.
3. **Restart Services:** If you want to restart (refresh) the MachPanel Services, click this button.
4. **Start All Services:** If you want to start all the MachPanel Services, click this button.
5. **Stop All Services:** If you want to stop all the MachPanel Services for any reason, click this button. MachPanel will not be able to perform any actions on remote servers until these Services are restarted.

2.2.7 SOFTWARE BACKUP

Software Backup helps you to maintain backup on timely basis. You can enable Auto-Backup option and change Backup frequency and the backup location as well. Also
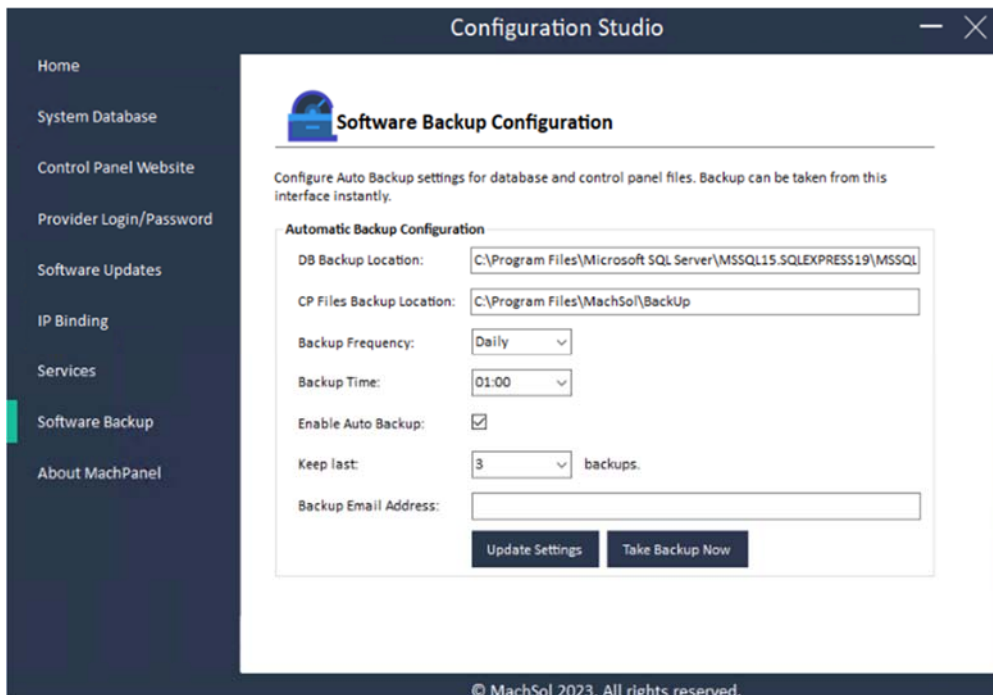

- **BD Backup Location:** Specify Database backup location.
- **CP Files Backup Location**: Specify CP files backup location.
- **Backup Frequency:** Set frequency of Backup for e.g. daily, weekly, Monthly etc.
- **Backup Time**: Set Time for Backup.
- **Enable Auto Backup:** Check this option to auto backup.
- **Keep Last:** To auto-purge backups by selecting Keep Last (Select numbers).
- **Backup Email Address:** An email will be sent when backup is taken.

Apply required setting and click on "Update Settings" When you have to take a fresh backup click on "Take Backup now".

2.2.8 ABOUT MACHPANEL

This interface show the license term related information about the MachPanel software
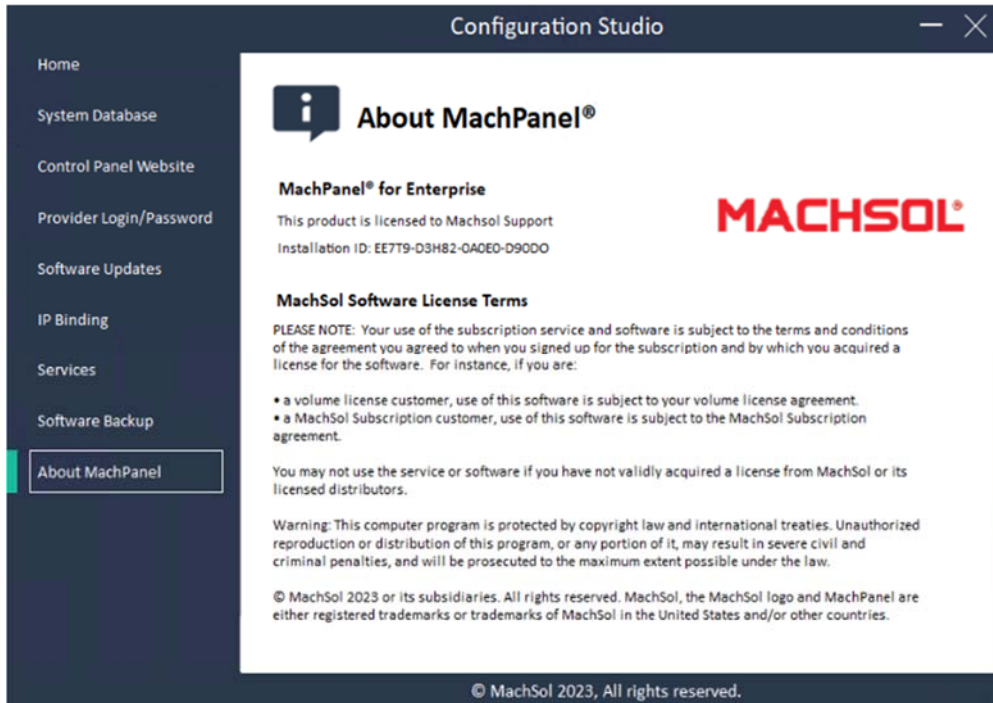
2.3 TROUBLESHOOTING

We maintain handful of useful resources to allow better support and enhance user experience with our product, making the most of it. You can utilize this supplementary information as per requirement. Just follow the below mentioned links for further assistance: **Additional Helpful Resources**
1. If you have further questions or want to know more, visit our **Frequently Asked Questions (FAQs)** section at: http://kb.machsol.com/Knowledgebase/2
2. For additional assistance, errors, configuration and troubleshooting issues feel free to consult our regularly updated **Searchable Knowledgebase** at: http://kb.machsol.com/
3. Visit our **Blog** to comment on various categories of postings and learn about new offers, announcements, and tips & tricks at: http://blog.machsol.com
4. Post any of your **ideas /suggestions** at our dedicated portal: http://ideas.machsol.com/