Introduction

Steelgate Central Management Console (CMC) is a web based management console that allows the user to create, delete, and run backup or restore jobs on the computers that have Steelgate installed on them. The CMC is a full management console that includes everything you would need in order to manage multiple installations.

Logging into the CMC is as simple as opening a web browser that supports Silverlight, and browsing to http://cmc.steelgate.com.

Once the silverlight application has loaded, click on the login link in the upper right hand corner of the web application.

Dashboard

The Dashboard gives an overview of what is and has happened, along with quick access to the latest logs. Notice that the log section of the dashboard allows you to change the number of items per page depending on your resolution.
It is suggested you start by going to the Agents tab of the CMC.

What are referred to in the CMC as agents are really computers that have Steelgate installed on them which are pointed to the CMC for management. The general tab of the properties of an agent will give a unique identifier along with the computer name. The name of the agent is configurable. The group that the agent belongs to is also configurable. When a new agent connects to the CMC the agent is put into the Pending group automatically or your Group if you have a white label solution with Steelgate or have the Enterprise package with at least 20 accounts.

Legend:  
- Green is good  
- Blue is Active  
- Orange is a Warning  
- Red is error
You can add groups and subgroups by either clicking the add group or right clicking in an empty row.

Like the example below you can have a very complex hierarchy if you want to. Subgroups and agents inherit the backup policies that are defined in their parent group, but there is the ability to edit the inherited backup policy.
The General tab will you an overview of the machine as shown hereafter.

![General Tab](image)

The backup tab shows what backup policies are applied to the agent, including all agent specific backup policies and group level backup policies. Just like on the group level the ability to add new backup policies or add existing backup policies is available in this view. Group level backup policies cannot be deleted but they can be edited, but agent specific backup policies can be removed. The ability to start a backup or stop a current backup is also available in this view. The start or stop option is only available if the agent is online.

![Backup Tab](image)
The restore tab is where you would be able to restore from any previous backup, whether local and/or offsite.

The device tab will show all the devices that were reported to CMC the last time the agent was online. Press the "Refresh" button while an agent is online to get the latest list of devices. If an agent is configured to allow CMC to configure its devices, click on the "Add Device" button to configure xSP or Network devices on the agent.
The log tab will always be available no matter if the agent is online or not. The logs themselves that are available in this view are stored in the database. The log file limit is 30MB, so in certain extreme cases a full detailed log will not be available here if you have the logging set to detailed logging. You are able to either double click on the log entry or press the view button to open a log.
Groups

When defining a group you can define the parent group and the name of the group along with a description.

The Backup tab in the group properties is where you can either add an existing backup policy or create a new backup policy for the group.

When changing a backup policy that has been applied to a group and the group has agents underneath it, there is the possibility that edits may have been done to the group backup policy that are on certain agents. That is why when you finish editing your group backup policy there is a choice to just finish and not overwrite any backup policies that are on agents that have been edited and the other option is to overwrite the changes that may have been done on the agent level.
Getting Started

Backup policies in the CMC are where backup jobs and schedules are defined.

A backup job is tied to a schedule and all the settings that go along with it. They can either be applied to a group or on a specific agent.
The first step to configuring a backup policy is to name the policy, this is the policy name that will be seen in the backup tab in the agent level, group level, and the backup policy tab. The Backup Name is the name that will be used in logs and for the backup media session.

![New Backup Wizard dialog box](image)

To proceed, click Next.
The next step to create a backup policy is to choose what to backup. This can include a custom selection or manually selecting files or plugins directly from the client.

![New Backup Wizard](image)

<table>
<thead>
<tr>
<th>Source</th>
<th>Global Custom Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Documents</td>
</tr>
<tr>
<td></td>
<td>Music</td>
</tr>
<tr>
<td></td>
<td>Videos</td>
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<tr>
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</tbody>
</table>

Let me select items manually

To proceed, click Next.
Global Custom Selections are global across the entire CMC, so if one of them is edited and another agent or group is using that custom selection in their backup policy that backup policy will use the newly edited custom selection.

The ability to customize the custom selection includes any file masks and what folders to include or exclude.
The custom selections can also include Windows environment variables put in the form of `<env variable>` such as the below example using the environment variable `%userprofile%`. 
The other option that is available, if and only if you are creating a backup policy for a specific user, is to manually select the files that are needed to be backed up. This can include System State, Exchange, SQL, or VMware plugins along with normal files.
Destination

After the backup selections have been made it is time to tell the backup policy where to back up the selections to.
The Backup too button will query the agent as to what is available to backup to on that specific agent.
There is always the choice to manually type in where the backups should go too, below is what the destination path should look like to a hard disk, optical media, flash drive, usb drive, or really any other locally attached device that is not a tape drive.
Below is what the destination should look like for a tape device.
Network devices such as a NAS device or Windows share need to look like the below for the destination.

![Destination Window](image)

To proceed, click Next.
Finally, xSP devices will look like the following. You may have renamed it Steelgate Cloud.
Settings

Now that the selections and device that the backup is going to is selected, it is time to determine the settings for the backup. The CMC includes almost every setting that the Steelgate client has, and the settings work the same as if they were set on the Steelgate client.
One thing to be particularly careful of when setting the settings is that the **Run As** tab determines what user the backup will be impersonated as. If nothing is specified here and no one is logged in the backup will run as the local system account, which may not have the correct rights to backup from or to where it is expected to.

![Backup Wizard Settings](image)

To proceed, click Next.
Schedule

The final step in creating a backup policy is to define the schedule. All of the options that are available in the Steelgate client software are available in the CMC. One option that is not in the Steelgate software that is in the CMC is the option to schedule a random time for the backup to be scheduled at. What random means in the CMC is that when the schedule is grabbed by the agent the CMC tells the agent to create a random schedule between the two times and apply that as the schedule. This means that once the schedule has been created on the agent it will run at the random time that it generated when the CMC told it to schedule the backup. This particular option is very nice when you have many agents that are going to be using the same backup policy but you do not want them to overload the network and all start at the same time. One final thing to note about schedules is that when a schedule is sent from the CMC to the agent it is of the CMC server's time (our zone is EST), so if the CMC server's time is different such as in a different time zone than the agent make sure to account for that when creating the schedule.

![New Backup Wizard](image-url)
Source

The Restore Wizard is only available at the agent level, and only when the agent is online. The Restore Wizard will show all available media that is able to be restored from. At which point the piece of media can be drilled down through and select the files and folders that are needed to be restored.

Settings

The settings that are available during the restore wizard are almost identical and work the same way that restore options do in Steelgate.

**Agent CMC script location** is located at:
C:\ProgramData\Steelgate\Steelgate Package\Scripts\Backup\cmc
or
C:\Documents and Settings\All Users\Application\Data\Steelgate\Steelgate Package\Scripts\Backup\cmc

depending on Operating System. This is the location that the actual script file will be held after the agent has grabbed it from the CMC.

**Agent CMCpolicies.xml** file can be found at:
C:\ProgramData\Steelgate\Steelgate Package\Profiles or
C:\Documents and Settings\All Users\Application\data\Steelgate\Steelgate\Profiles depending on Operating System. This file is the determining factor on whether or not the agent needs to download new or changed backup policies.

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