Release Notes
InControl

Version 1.10

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1. Version Summary

Version 1.10.03 is the latest version of Clavister InControl.

2. New Features

The following sections detail new features and enhancements in Clavister InControl 1.10. For a complete list and description of all the features in Clavister InControl 1.10, refer to the *Clavister InControl Admin Guide*.

2.1. New Features and Enhancements in InControl 1.10.03

No new features were introduced in the 1.10.03 release.

2.2. New Features and Enhancements in InControl 1.10.02

No new features were introduced in the 1.10.02 release.

2.3. New Features and Enhancements in InControl 1.10.01

InControl API

The InControl server has been extended with a public Windows Communication Foundation based API. For more information regarding the InControl API, refer to the InControl SDK documentation.

2.4. New Features and Enhancements in InControl 1.10.00

Grouping (enhanced comment rows)

It is now possible to group several objects in the grid, adding a comment as a heading and using a color of your choice as a visual cue. Requires CorePlus 9.15 or later.

Improved check-in dialog

The state of the "Automatically activate after deploy" checkbox is now remembered.

The object grids have been enhanced

Objects in the grids that are references, like Address Book objects, are now hyperlinks and can be clicked to directly edit the objects.

The object grids have been enhanced

It is now possible to adjust the column widths in grids by double clicking the column separator (standard Windows behavior).

Verification before opening of an old configuration

A popup window asking for verification is now shown before opening an old configuration in revision history.

Improved alarm handling

If a device has an alarm about local changes, it will now be automatically cleared when a new configuration is deployed.

Improved error dialog

The error dialog has been improved, it now displays more information that informs the user how to copy the information to the clipboard. Additional information is also saved to an "errorlog" file in the root of the InControl Client directory.

Extended device information shown

Information about a device (Core version, etc.) is now shown in the property grid when the device is selected in the tree. Core version is also shown on the first page of the configuration.

Keyboard shortcuts added

Keyboard shortcuts have been added to many places, for example it is now possible to navigate between controls on configuration pages using Alt+Key.

Add an offline Security Gateway based on an existing one

Offline Security Gateways could only be added based on hardware model and CorePlus Version. Now it is possible to create an offline Security Gateway based on an existing one.

Quick search in drop down lists

When a drop down in the configuration is open, pressing a key will select the next object in the list that starts with that letter.

Mouse-over popup shows information for objects in grids

In the configuration grid, holding the mouse over a column containing an object will display an information popup.

Exposed login options at first login

The options panel on the login dialog is now expanded on first login, and its state is remembered for the following times.

Quick search functionality in grids

When typing on the grid on configuration pages, it now selects the first item with matching name.

Server startup has been optimized to handle thousands of device configurations

On start-up, the InControl Server parsed every configuration to check dependencies between objects in Security Gateways and objects in domains. This information is now stored in the database. This significantly reduced the start-up time.

Server Settings: Improved settings for listening address

The BindTo field has been changed to a drop down box that includes all addresses that the host OS is configured to listen to. Earlier this was a text-box, which made it possible to by mistake enter an address that not was valid for the setup.

3. Addressed Issues

The following sections detail the addressed issues in the InControl 1.10 release.

3.1. Addressed Issues in InControl 1.10.03

- **ICC-2124:** It was not possible to paste copied objects unless an item was selected in the target container.

- **ICC-2125:** Drag and drop of multiple objects did not necessarily move all of the dragged objects to the new location.

- **ICC-2141:** In some configuration scenarios the "Authentication Agent" setting for a User Authentication rule was cleared even though it shouldn't have been.

- **ICC-2142:** It was not possible to choose authentication server in the user authentication ruleset.

- **ICC-2143:** On an IP rule it was not possible to select every action in the list. Now all IP rule actions in the list can be used.

- **ICC-2144:** The date and time controls faulty showed the underlying configuration values instead of the selected text.

- **ICC-2147:** It was not possible to set the rule type for IGMP rules.

3.2. Addressed Issues in InControl 1.10.02

- **ICC-1490:** High Availability settings on the Ethernet interface were enabled even if the Security Gateway did not have HA enabled. The settings are now disabled if HA is disabled.

- **ICC-1578:** Passwords for users in the local user database longer than 8 characters were sometimes saved in a format that not was possible to use in CorePlus.

- **ICC-1598:** Clicking on an IP Rule folder in the IP Ruleset grid took the user to the edit page instead of the grid view for the folder.

- **ICC-1625:** It was not possible to add an address folder under a domain.

- **ICC-2097:** It was not possible to drag and drop objects like IP Rules or Address Book items into sub folders.

- **ICC-2105:** It was not possible to edit the master or slave IP addresses in IP4 HA Address objects.

- **ICC-2107:** The IKE Settings page had graphical problems. Some of the controls were overlapping each other.

- **ICC-2111:** Restarting the InControl Server using the Server Settings tool only stopped the server without starting it. The InControl Server is now also started again when restart is used.

- **ICC-2115:** Sometimes old group members were deleted when new members were added to a Service Group. Now old members will be kept in the group.

3.3. Addressed Issues in InControl 1.10.01

- **ICC-856:** Drag and drop of objects marked for deletion gave unexpected side effects.

- **ICC-1289:** Clicking "Cancel" after adding an Ethernet Address gave an error.

- **ICC-1333:** When clicking on an error, the view was not always transferred to the object that had errors.

- **ICC-1447:** The chosen encryption algorithm was not always used.

- **ICC-1561:** Some object type icons were incorrect.

- **ICC-1639:** When two Security Gateways already part of a high availability cluster were added to a high availability cluster node in InControl, the Security Gateways were left in a checked out state even though no manual changes to the configuration had to be done. InControl will now check-in the configuration as long as there are no manual configuration changes needed to complete the high availability cluster configuration.

- **ICC-1592:** It did not work to drag-and-drop an object to be the first member of an object comment group.

- **ICC-1593:** It was not possible to move objects up and down inside object comment groups (using the move up or move down buttons).

- **ICC-1597:** Objects were deselected after they were moved in the grid (using the move up or move down buttons).

- **ICC-1609:** The configuration engine in CorePlus and InControl did not handle object comment groups correctly at all times.

- **ICC-1617:** The "type" column on grid pages, e.g. Services, did sometimes not display any information.

- **ICC-1618:** The visual appearance of the enhanced comment groups in InControl did not fully match the look in the CorePlus Web User Interface. For example, the first row in the description text was not shown in bold.

- **ICC-1620:** The descriptions text box for object comment groups was too small. The number of lines in the text box have now been increased.

- **ICC-1640:** When performing an import and upgrade of a Security Gateway from a FineTune datasource, the upgrade procedure was not fully completed leaving the Security Gateway upgraded correctly but not possible to manage via InControl.

- **ICC-1623:** When removing an object from an comment object group, the object was not placed directly below the group.

- **ICC-1627:** Copying and pasting objects inside comment object groups did not work as expected.

3.4. Addressed Issues in InControl 1.10.00

- **ICC-295:** The description of the button to enable and disable configuration object always showed "disable". It does now say "enable" when a disabled object is selected and "disable" when an enabled object is selected.

- **ICC-312:** It was not possible to add an Log Query Server as "offline".

- **ICC-601:** In some cases, pressing "Cancel" when editing an object would not clear the error from the pop-down and error pane.

- **ICC-724:** The "Ok" button was enabled on configuration pages, even if the node had errors. The button is now disabled until all errors are resolved. When editing an object that have errors, the faulty values are marked. Objects with errors are marked with an error icon in the grid.

- **ICC-810:** The "Paste" alternative in the menu was available in several situations where it was invalid. For example when a rule was copied and the current view was the Address Book (rules cannot be copied to the address book).

- **ICC-811:** The "Export Certificate" alternative was available, even if no certificate existed.

- **ICC-939:** A few keyboard shortcuts for common actions were missing.

- **ICC-981:** No splash screen was displayed if the user logged in via Windows Domain.

- **ICC-1000:** The Quick Monitor template for hardware model "SG4300" was missing.

- **ICC-1015:** The help text when adding a new Security Gateway stated that the secret key must be 64 bytes. When creating keys in the Security Gateway WebUI, sizes are only shown in bits. The help text has been updated and now states 512 bits.

- **ICC-1019:** Newly added objects were incorrectly removed if the "Cancel" button was pressed on a configuration page.

- **ICC-1022:** Many controls on the configuration pages were wider than needed, so their width has been decreased.

- **ICC-1033:** The detail pane on the progress tab flickered quite a bit when actions were in progress.

- **ICC-1035:** The "Copy" and "Paste" commands in the edit menu and toolbar were not enabled for configuration tabs. Select all has also been enabled for more tabs, including configuration and audit trail.

- **ICC-1054:** Some texts on the configuration pages were truncated.

- **ICC-1067:** The schedule profile page had some minor graphical issues.

- **ICC-1103:** Max ARP entries license parameter was not shown for SG1X models. The Allow virtual machines license parameter is now only shown for VSGs.

- **ICC-1122:** When running "Import FineTune Datasource" it was possible to click "Next" on the first page even if there was no datasource.

- **ICC-1132:** If the wrong user name or password was entered in the log in dialog on the first try, the same information would be sent on retries even if the user entered the correct information.

- **ICC-1149:** The items in the browse pane were not sorted. Domains are shown first, then the other configuration objects and folders last. Items within each group are sorted alphabetically.

- **ICC-1207:** In the Add/Edit Group wizard, it was possible to select a group on the first page and then change this on the second page. Now, it is only possible to edit group name on the second page if a group has not been selected.

- **ICC-1213:** On an IP rule it was only possible to enter a single address/object for "Source Network" and "Destination Network". It is now possible to enter a comma separated list of addresses/objects.

- **ICC-1242:** Navigation arrows have been added to the configuration pages. They allow the user to navigate from one object to another in, for example, the Address book without going back to view the whole address book.

- **ICC-1244:** It was not possible to create an IKE- or IPsec-algorithms object with XCBC as the only selected integrity-algorithm.

- **ICC-1248:** Monitoring dashboard theme was not saved.

- **ICC-1266:** It was possible to check in a configuration without changes. Now a dialog will inform the user that the configuration was not written to database and will not be deployed.

- **ICC-1279:** If a cluster had configuration sync turned off, and it was then added in InControl with the setting that the cluster nodes should synchronize automatically, InControl would only deploy to one node.

- **ICC-1283:** If the left side of the InControl window was outside the screen when the window was resized, the right part of the window would not be updated correctly.

- **ICC-1287:** Importing a HA cluster from FineTune database could sometimes fail.

- **ICC-1288:** Upgrading a Security Gateway imported from FineTune sometimes failed. The error message: "The system cannot find the file specified" was shown.

- **ICC-1304:** When a configured cluster was added to InControl, the nodes could change their roles (master/slave) depending on in which order they were added. This has been fixed. It is now also possible to change this without purging and re-adding the nodes.

- **ICC-1305:** When running in low screen resolutions, some components did not work. Specifically, the filter drop down for LQS queries could get partially off screen, and monitoring dashboards could be sized so that some controls ended up outside the viewable/editable area. Resolutions down to 800x600 work now.

- **ICC-1306:** The performance of the communication between the Client and the Server has been improved when Quick Monitor is fetching data.

- **ICC-1310:** The deploy option for HA nodes was not disabled if the HA was set to "deploys to both".

- **ICC-1312:** The remote console handling of window size, scrolling and long lines has been improved.

- **ICC-1314:** The tool tips of the status bar (on the bottom of the window) flickered or where not shown when the window was maximized or just at the bottom of the screen.

- **ICC-1322:** Copying a named object did not always generate a new unique name for the new object.

- **ICC-1323:** When editing a saved LQS query, some changes did not mark the query as changed, which meant that "Save" was not enabled. Also, the tab title is now updated correctly when there are new changes or when changes are saved.

- **ICC-1324:** It was not possible to edit filters for Log Query Server queries.

- **ICC-1331:** Real time monitor alerts can now be selected from a drop down list instead of being entered in a text box. Error messages and configuration page headings for indexed objects have been made more readable (for example, "RealTimeMonitorAlert" instead of "1.RealTimeMonitorAlert" or ""RealTimeMonitorAlert 1").

- **ICC-1334:** IXP interfaces should not have editable hardware settings, and as of CorePlus version 9.10.07 these are disabled in InControl.

- **ICC-1350:** HA cluster nodes could be marked as having changes (a * in the browse tree) directly after having been added.

- **ICC-1351:** Having a quick real-time log open at times when lots of logs where generated would make the client use much resources. The quick real-time log now performs better.

- **ICC-1354:** If the error info list on the configuration tab was showing details when an error occurred, it did not resize itself to the new contents.

- **ICC-1355:** Ethernet interfaces could be deleted or pasted from the clipboard, which should not be possible as long as it's not possible to add them. Pasting an object on the wrong grid (for example an IP4Address on the IPSecTunnel grid) would not give any indication that anything had happened, even though the object was actually added in the correct place. Now, a dialog will inform the user that the object can not be pasted there, and the object will not be added anywhere.

- **ICC-1358:** In configuration grids that should have an index column, the index column did not show unless there were objects in the grid.

- **ICC-1360:** In the restore backup wizard, the browse button was enabled even if "Select backup from file" was not chosen. Now, it is disabled by default, and also "Select backup from file" gets automatically selected if there are no backups in the database.

- **ICC-1361:** If the audit trail filter panel was resized, the left column of controls could end up partly hidden by the right one.

- **ICC-1362:** The browse tree has been updated for better performance

- **ICC-1371:** Some times, when an upload failed, an empty error dialog could be shown.

- **ICC-1377:** For all grids containing objects where order is important, for example IP Rules, the sort order is now locked to avoid confusion.

- **ICC-1378:** In the configuration grid, the value in the index column could in some cases be replaced by the object name (for objects that have both index and name, e.g. IPsec tunnels.) In the ARP grid, the Mode column could display an index instead of mode.

- **ICC-1379:** Fixed paste not being allowed when a deleted or disabled object was selected.

- **ICC-1384:** It was not possible to select deploy delay for HA clusters when doing "Deploy automatically after check in".

- **ICC-1389:** The warning icon in the configuration tab was not always updated correctly when an alarm was raised or cleared.

- **ICC-1396:** When the InControl Client was uninstalled, the registry keys was not removed correctly. The registry keys are now removed during uninstall.

- **ICC-1399:** After deleting a user, the edit button was still enabled. Clicking on it would give an error message since nothing was selected anymore.

- **ICC-1407:** If the IDP rule action page was opened before any signatures had been downloaded to InControl and the device was unreachable, the client would hang. The application no longer waits until signatures have been fully downloaded before showing the IDP rule action page. It is now possible to enter IDP signatures in the combo box instead of just choosing groups from the dropdown.

- **ICC-1410:** If InControl Server was listening on an IP Address behind SAT, the InControl Client was unable to login.

- **ICC-1414:** Using the real time log could make the client unresponsive if large amounts of logs were being generated. It now performs much better.

- **ICC-1417:** The drop down containing log query filters is now sorted. Some missing filters (including action and event) have been added.

- **ICC-1423:** It was not possible to exclude addresses in an IP4 Address group.

- **ICC-1440:** In the configuration pages, when navigating between controls using the keyboard not all controls showed visual feedback when they got focus. The first control on a configuration page is automatically focused when the page is opened.

- **ICC-1448:** When using drag-and-drop to move objects in a configuration, the object could in some cases still be shown at the original position (as well as the new one). Some times the old object was marked as deleted.

- **ICC-1449:** The object grid on the configuration tab flickered when scrolling by dragging the scroll bar.

- **ICC-1502:** If a real time or quick real time log window is showing the bottom of the log list when new logs are added, it stays at the bottom so that the new logs are visible.

- **ICC-1529:** If multiple objects were selected, it was not possible to deselect an object by clicking on it.

- **ICC-1540:** TCP, UDP and TCP/UDP services were always shown as type TCP/UDP in the service list.

- **ICC-1546:** Clearing real-time log window will not update it's scrollbars. Now scrollbar will be removed.

- **ICC-1554:** Dragging top column separator in Alarm center deletes columns. Now there is a a minimum size of column width.

- **ICC-1561:** Some object type icons were incorrect.

- **ICC-1566:** The tab order on the check-on dialog was incorrect.

- **ICC-1578:** Passwords for users in the local user database longer than 8 characters were sometimes saved in a format that not were possible to use in CorePlus.

- **ICC-1587:** An errors was sometimes displayed when checking in a HA configuration.

- **ICC-1603:** When adding a new log query server, an error popup was displayed and status of the log query server showed errors. The reason for this was faulty handling of the log query server during addition and has now been fixed.

- **ICC-1606:** Copy/past improvment in gridview

- **ICS-317:** InControl was checking CustomerWeb for license updates even if not configured to do so.

- **ICS-354:** For certain type of configuration objects, such as IPsec tunnels, reordering the objects was possible but the updated ordering was not saved when the configuration was committed. This has been fixed so that the new order is saved when committing. (Requires CorePlus 9.10.07 or newer.)

- **ICS-365:** InControl could in some cases miss configuration updates that were made locally (through WebUI, for example). Since CorePlus 9.10.07 and 9.12.08 this is no longer the case.

- **ICS-367:** The value of monitoring counters with the unit bps or pps were shown incorrectly.

- **ICS-371:** When using MSDomain authentication, it was possible to log in with a user that was not part of any group in InControl. That user would have no rights to actually do anything, so this possibility has now been removed and the user is instead informed about this when trying to log in.

- **ICS-379:** The alarm "Server license missing" was raised, even in cases when a license not was needed. The alarm has been removed, but the message is still present in the audit log.

- **ICS-383:** The server previously used localhost (127.0.0.1) as default IP Address. The server now binds to all server IP's (0.0.0.0).

- **ICS-387:** InControl did not reuse the Netcon connection (UDP) to the Security Gateway. New state table entries were added for each connection and that caused unnecessary resource usage in CorePlus.

- **ICS-392:** Some regional settings caused problems when trying to saving a backup of the database in Server Settings.

- **ICS-399:** The Server Settings application took a long time to start up. Start-up time has now

been improved.

- **ICS-401:** Leaving a device with changes checked out for a long period of time could lead to problems when checking in. That has now been resolved.

4. Compatibility

The following section outlines the direct compatibility considerations as of InControl 1.10.03.

The following Clavister CorePlus versions are supported as of the InControl 1.10.03 release. Clavister does not guarantee compatibility with any other CorePlus versions other than those listed.

- Clavister CorePlus 9.10.03 and later

- Clavister CorePlus 9.12.05 and later

- Clavister CorePlus 9.15.00 and later

5. Licensing

Clavister InControl 1.10.03 is licenced under the terms of the Clavister InControl End User License Agreement (EULA).

Clavister InControl SDK 1.10.03 is licenced under the terms of the Clavister InControl SDK End User License Agreement (EULA).

6. Getting Help

Technical Assistance via Telephone or Email
We offer timely and rapid response to customer inquiries and service requests via telephone or email. Do not hesitate to contact us if you have any questions regarding the upgrade or installation procedure.

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