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## Release Notes

# SystemX v1.9.0.3 Release Notes

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## Overview

This document outlines the updates made to the SystemX software platform for release 1.9.0.3 and provides upgrade instructions.

## Bug Fixes

BUG1: Fixed an issue that could cause a Remote API server to crash when a Client updates the configuration of Local Attribute Connections.

## Upgrade File Info

Name	SHA256 Checksum
systemx-vm_server-1.9.0.3-FEB23-11.20.12-2024.upgrade	3b6c37f18fffdc20e8489a98b86e0030dc302bf8eea560cd86b82c5e94a5336d
systemx-vm_support-1.9.0.3-FEB23-11.18.11-2024.upgrade	68a0459236080945302179725f18229f7c86ec6f8dbc7da4cc70b1e57a812144

## Upgrade Process

The system software can be upgraded from a file loaded directly from the CCX Technologies upgrade server or uploaded from a device connected to the SystemX Admin GUI.

### Upgrading from CCX Technologies Upgrade Server

Internet access is required on the system for this upgrade method.

To upgrade the system software from an upgrade server:

1. Open the SystemX GUI and navigate to System -> System Upgrade
2. From Utilities, click on "Upgrade System from Server"

**System Upgrade**

**Status**

**Current Version**  
1.6.0  
Current version of the SystemX Software.

**Upgrade Server Version**  
1.6.1  
Version of SystemX Software available on the public upgrade server. Public Internet access is required to support upgrading from the Public Upgrade Server. To update this value either enable automatic upgrade checks or use the Check For Updates button in Utilities.

**Upgrade Server Version is Newer**  
Indicates that the Version of SystemX Software on the Public Upgrade Server is newer and this system can be upgraded from it.

**Upgrading**  
Indicates if the system is currently Upgrading.

**Upgrade Status**  
None  
Status of an Upgrade in Progress.

**Valid Revert Snapshot**  
Indicates that there is a valid snapshot to revert to.

**Last Filesystem Snapshot**  
2021-07-22T09:37:42.907684  
Date/time that the last snapshot was taken, only valid if there is a valid snapshot.

**Configuration**

**Maximum Revert Snapshot Age (Days)**  
8  
The maximum revert snapshot age in days. If a snapshot is older than this it will be automatically deleted to free up space on the drive.

**Enable Upgrade from USB**  
☒ Enable/disable auto-upgrades from a USB FLASH Drive

**Enable Automatic Check for Upgrade**  
☒ If enabled the system will automatically check with the Public Upgrade Server for Updates. The system will not automatically update from the server, but will provide an indicator to the user if a new upgrade is available.

**Maximum Check For Upgrades WAN Cost**  
Extreme  
The system will only check for upgrades from the Public Upgrade Server when the Active WAN Cost is equal to or less than this setting.

**Maximum Download Upgrades WAN Cost**  
Low  
The system will only permit the download of upgrade files from the Public Upgrade Server when the Active WAN Cost is equal to or less than this setting.

**Utilities**

**Check For Updates**  
Check the Public Upgrade Server for updates.

**Upgrade System**  
Upgrade the System Software. If the upgrade is successful the system will reboot into the new version.

**Upgrade System from Server**  
Upgrade the System Software from the Public Upgrade Server. If the upgrade is successful the system will reboot into the new version.

**Revert**  
Revert the System Software. If the revert is successful the system will reboot into the new version.

**Delete Last Snapshot**  
Delete the last snapshot. Deleting the last snapshot will free up space on the data drive, but you will no longer be able to revert the last upgrade.

**Reboot System**  
Reboot the System Software. Reboot / Restart the system.

**Advanced Configuration**

**Upgrade System from Server**

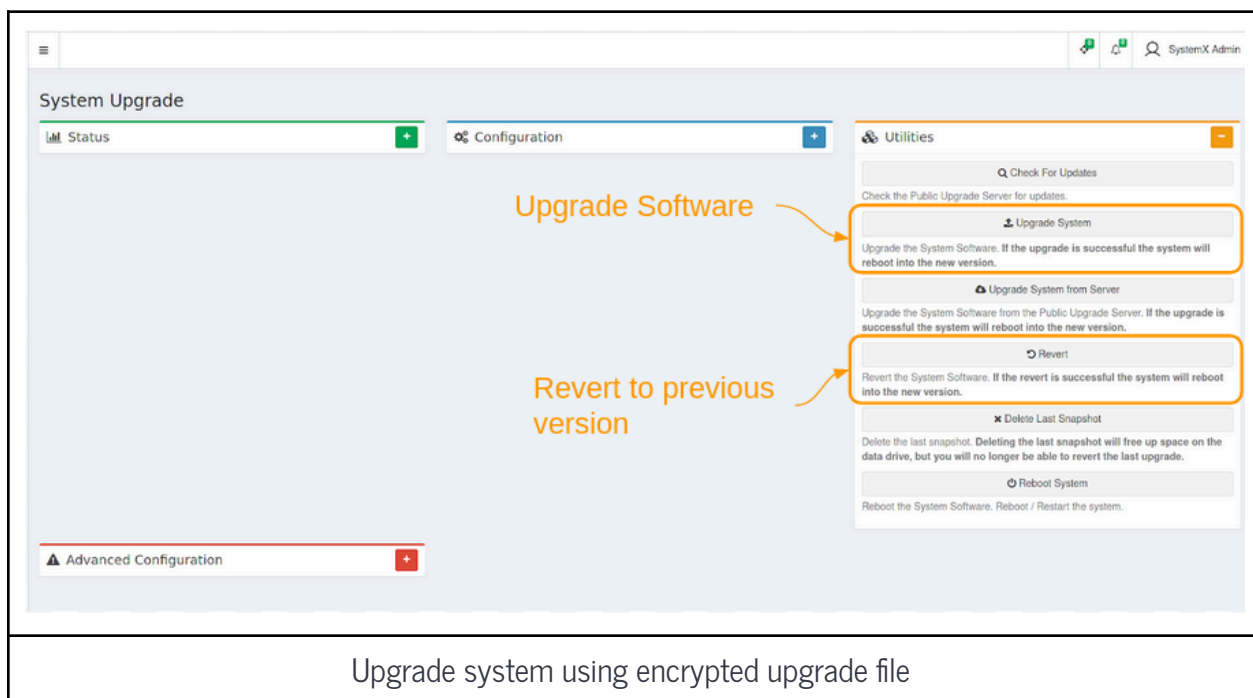
## Upgrading with an Upgrade File

The system software can be upgraded from the System Upgrade page using an encrypted upgrade file provided by CCX Technologies, the latest upgrade file is available at [ccx.support](https://ccx.support). System Administration information can be found in the Administrator's Guide (contact [support@ccxtechnologies.com](mailto:support@ccxtechnologies.com) for a copy).

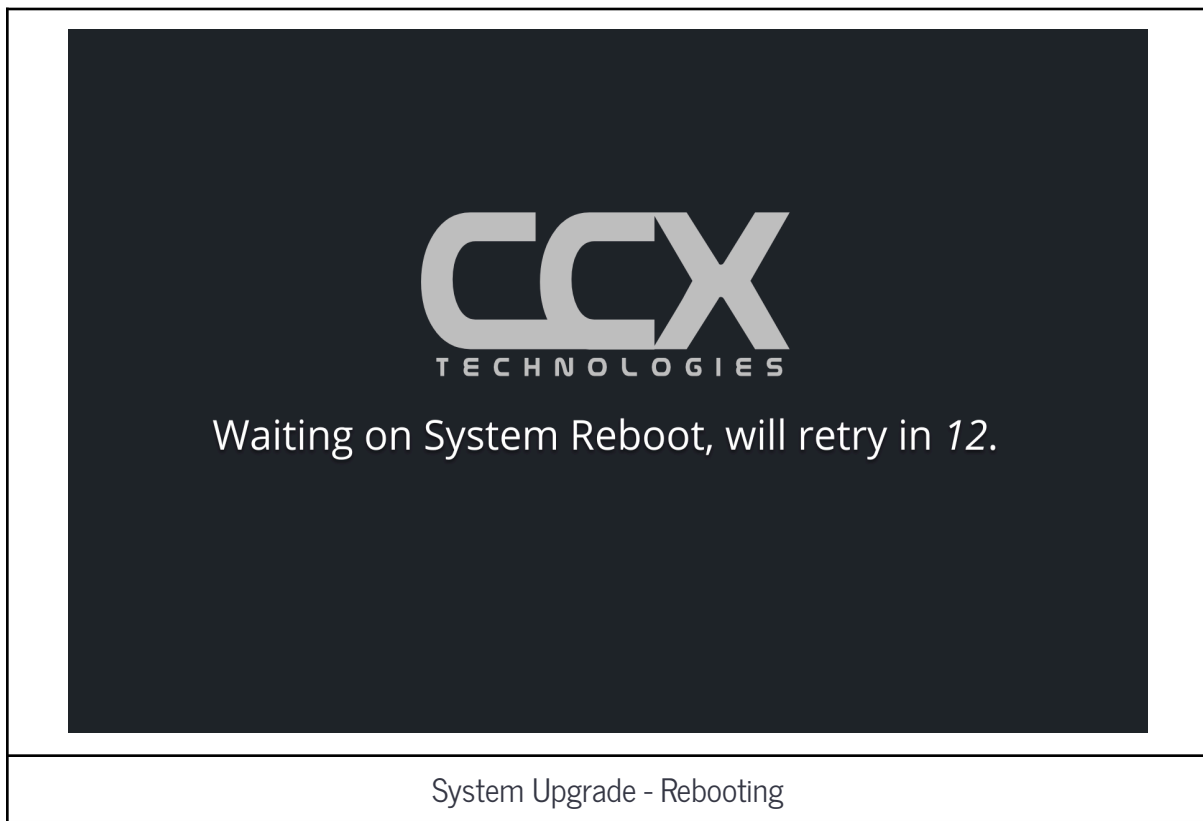
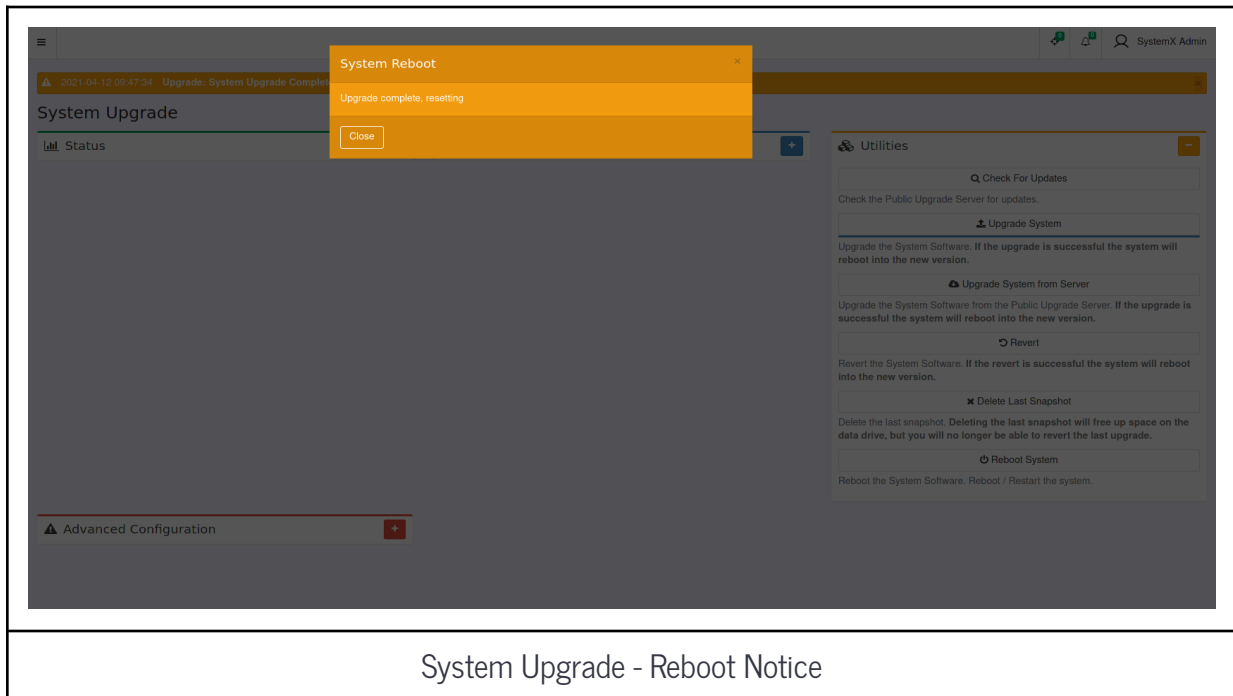
Steps to upgrade the system software from the GUI are outlined below.

1. Navigate to System -> System Upgrade
2. Under utilities click "Upgrade System"

The system software and configuration can be reverted to a state immediately prior to the last upgrade by using the Revert button on the System Upgrade page.



After the file is uploaded the upgrade process will start, and the system will automatically reboot.



After rebooting the system will come up with the login page, after logging the running software version is available in the bottom right-hand corner of the page (in the footer).

