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|  | **System Manager** |
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|  | Windows Popup Blocking |
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|  | Implementation in System Manager 2.x |
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**Table of contents**

[1 Introduction 4](#_Toc358361020)

[2 Implementation 4](#_Toc358361021)

[2.1 Blocked Popups 4](#_Toc358361022)

[2.1.1 Auto-Play 4](#_Toc358361023)

[2.2 Automatic hiding of windows 4](#_Toc358361024)

**Modification management**

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**Review**

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**Release**

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# Introduction

System Manager 2.x supports hiding and blocking of Windows dialogs and windows. This document describes the different approaches used to achieve this.

# Implementation

## Blocked Popups

### Auto-Play

The Windows auto-play feature is blocked using the following pseudo code:

// registration (from user32.dll):

id = RegisterWindowMessage("QueryCancelAutoPlay");

// in message loop:

if (m.Msg == id)

m.Result = 1;

Note that auto-play can also be disabled using registry keys; therefore this feature is usually not used.

## Automatic hiding of windows

In the configuration of System Manager you can define as many windows to close as you want:

    <PreventPopups Enabled="true" CheckInterval="PT30S">

      <Popup ClassName="SciCalc" WindowName="Calculator" />

    </PreventPopups>

Every “CheckInterval” the System Manager will use the following pseudo code to search for windows and close them:

// find the window (from user32.dll):

hWnd = FindWindow(className, windowName);

if (hWnd != IntPtr.Zero)

// close the window (from user32.dll):

SendMessage(hWnd, WM\_CLOSE, IntPtr.Zero, IntPtr.Zero);

Either ClassName or WindowName (or both) can be configured. If one of the two parameters is not provided, a null value is used, which acts as a wildcard (allowing any value for that parameter for the window to be found).

Additional information can be found here:

<http://support.microsoft.com/kb/88167>