



CareFusion

SystemOne

Getting Started Guide

Interfacing SystemOne with Spirometry PC Software



Contents

Introduction	2
Installing SPCS - SystemOne Mode Shortcut	2
Configuring SystemOne to Interface with Spirometers	3
Performing Spirometry in the Office.....	4
Performing a Test.....	4
Viewing Patient Examinations	4
Testing Patients in the Field.....	5
Support	6

Introduction

This guide describes how to interface an already installed copy of Spirometry PC Software with SystemOne. It explains the two different methods to use your Spirometer to file data and reports back into SystemOne.

Installing SPCS – SystemOne Mode Shortcut

A special shortcut must be added to the desktop to allow SPCS to operate in SystemOne mode. This short cut is installed by following the steps described below.

Locate and download the installer from the following location:

<http://www.micromedical.co.uk/update/spcs/S1/spcs-s1-installer.exe>

Run the installer and follow each step by pressing next when prompted.

Once the installer has finished you should have a shortcut on your desktop to enable you to link with SystemOne.

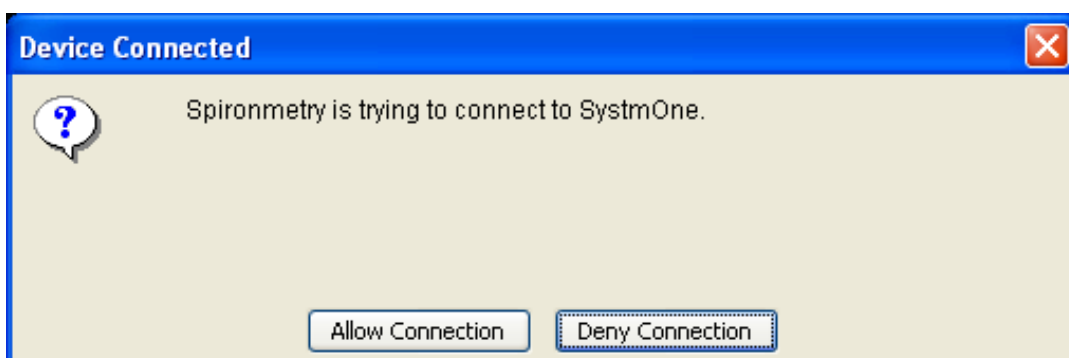


NOTE: See 'Spirometry PC Software Getting Started Guide' for tips on how to successfully configure Spirometry PC Software

Configuring SystemOne to Interface with Spirometers.

Once Spirometry PC Software is successfully configured, SystemOne can then be configured.

1. Open the SystemOne application.
2. In SystemOne: From the 'System' drop down menu click 'PC Settings' and select 'Client Integration' from the left hand list on the window that appears. In the right hand pane, ensure the 'Enable client integration' box is ticked before clicking on 'OK' to close the window.
3. With SystemOne still open, start Spirometry PC Software via the shortcut on your desktop.
4. Spirometry PC Software will display an error message box 'A problem occurred whilst reading patient details received from a 3rd party source', this is correct as SystemOne is not yet fully configured. Click 'OK' to close Spirometry PC Software.
5. SystemOne will display a 'Device Connected' window, select the 'Allow Connection' button.



6. To check SystemOne is properly configured go to the 'System' drop down menu, click 'PC Settings' and select 'Client Integration'. Confirm that 'Spirometry Allowed' is in Allowed Devices list. This means that the integration between SystemOne and Spirometry PC Software has been successfully configured.

NOTE: If 'Denied' is shown under the heading of 'Permission', click once on 'Spirometry' to highlight the line and click 'Remove Device'. Restart SystemOne and go back to step 3.

Performing Spirometry in the Office

1. Open SystemOne and select the patient you want to test.
2. Double click on the 'Spirometry PC Software SystemOne Link' shortcut on your desktop to start the Spirometry PC Software.
3. The patient details from SystemOne are automatically imported into Spirometry PC Software. As Spirometry PC Software has a number of mandatory parameters associated with the patient details, in the event that any such parameters are missing a 'Patient Details' window will be displayed.
4. The fields highlighted in red are mandatory and must be completed before the patient can be tested. Click 'OK' to proceed.
5. Next you will be prompted to select the read codes you would like to file back to SystemOne. If you do not want to see the 'Export Option' window every time you test a patient, tick 'Do not show on start up'.

NOTE: Even after 'Do not show on start up' is selected the export options can still be changed from within the Spirometry PC Software by selecting 'Data' menu, 'Export' then 'Export Options'

6. The selected patient should now be shown in Spirometry PC Software.

Performing a Test

Begin a test by selecting "New Examination For" on the start screen or the 'New Exam' button from the 'Perform Test' tab in Spirometry PC Software. The 'New Exam' dialog is displayed offering a chance to update some patient details, click on the 'Relaxed' or 'Forced' test button to proceed. When the required number of blows are done select 'Done'. Select 'Exit' to export all the examination details from Spirometry PC Software back to SystemOne. Once all the data has been exported, the exported read codes and pdf report can be viewed in SystemOne.

NOTE: The patient's height will always be exported back to SystemOne, the patient's weight will only be exported back if it has been changed. Other patient details that can be changed from 'Edit Patient' area will not be exported back to SystemOne.

Viewing Patient Examinations

All past and present results can be reviewed in Spirometry PC Software by selecting the 'Review Tests' tab.

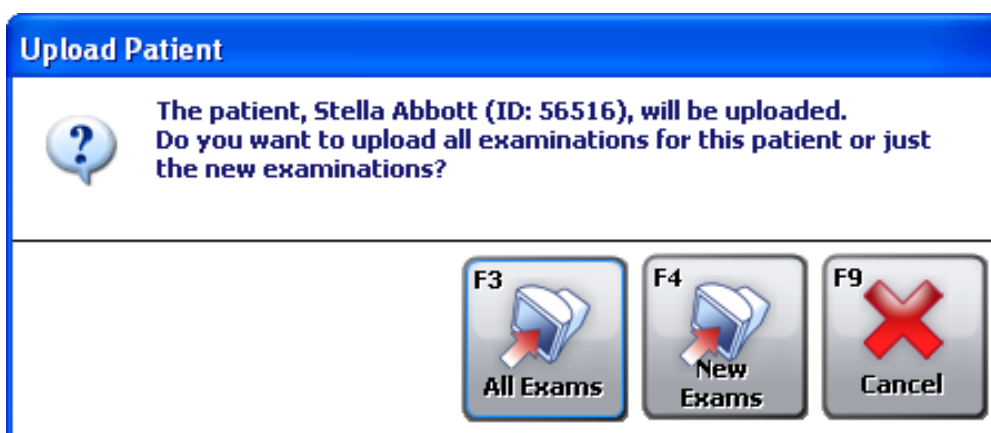
Testing Patients in the Field

NOTE: This feature is only available in the MicroLab/Loop Mk8 v2.34 and later devices.

A patient from SystemOne can be added to your MicroLab/Loop Mk8 allowing you to remotely test patients at their home or place of work. Import the patient from SystemOne into Spirometry PC Software and with that patient selected and the device switched on and connected to your PC, click the 'Data->Download->Download Patient to Device' menu item. The patient to send is shown giving you the option to 'Download' or 'Cancel'. Click 'Download' to send the patient to the device.

Once you have collected the test data file them back into SystemOne in the following way:

1. Open SystemOne and select the required patient.
2. Open Spirometry PC Software from the desktop icon (see linking Spirometry PC Software with SystemOne for further details).
3. Once the required patient has been imported into Spirometry PC Software select the 'Upload' tab.
4. Making sure your device is attached to the PC and switched on, click 'Upload Patient'. A dialog will show the patient details offering the opportunity to upload 'All Exams' stored on the device for the selected patient or 'New Exams' that have not been previously uploaded.



5. Once the upload is complete select 'Exit' to exit Spirometry PC Software and export the results back to SystemOne. Once the export is complete the data can be viewed in SystemOne.

Support

If you experience any problems while using the Spirometry PC Software, please contact our support team who will be happy to help you.

UK Customers only

For all Sales Order processing for products, training and spare parts, Service and Technical Support enquiries, please contact the following:

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