



**Application Note 51628**  
**(Revision -, 10/2020)**  
Original Instructions

## **Instructions for SPC Software Update**

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# SPC Software Update Instructions

This instruction is dedicated to Woodward P/N's: 8200-226 and 8200-227

## 8200-227 SPC CANopen Update in the Field

### Package Contents:

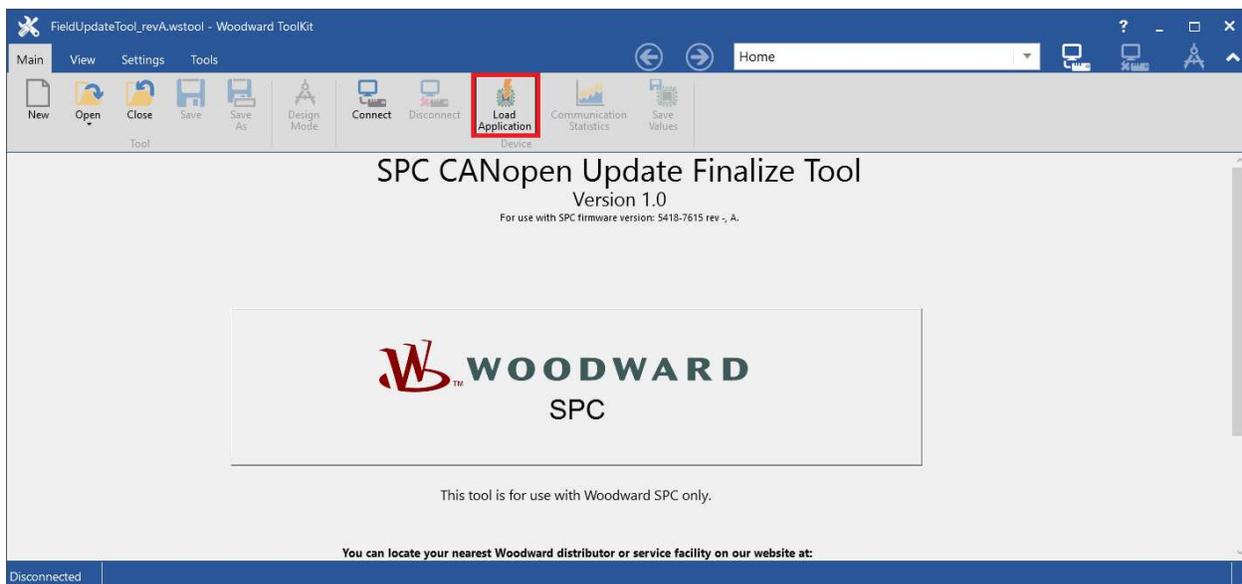
- FieldUpdateTool\_revA.wstool
- 5418-7615A\_UpdateFinalize.wset
- 5418-7615 A.SCP
- 51628-.pdf – this file

**IMPORTANT**

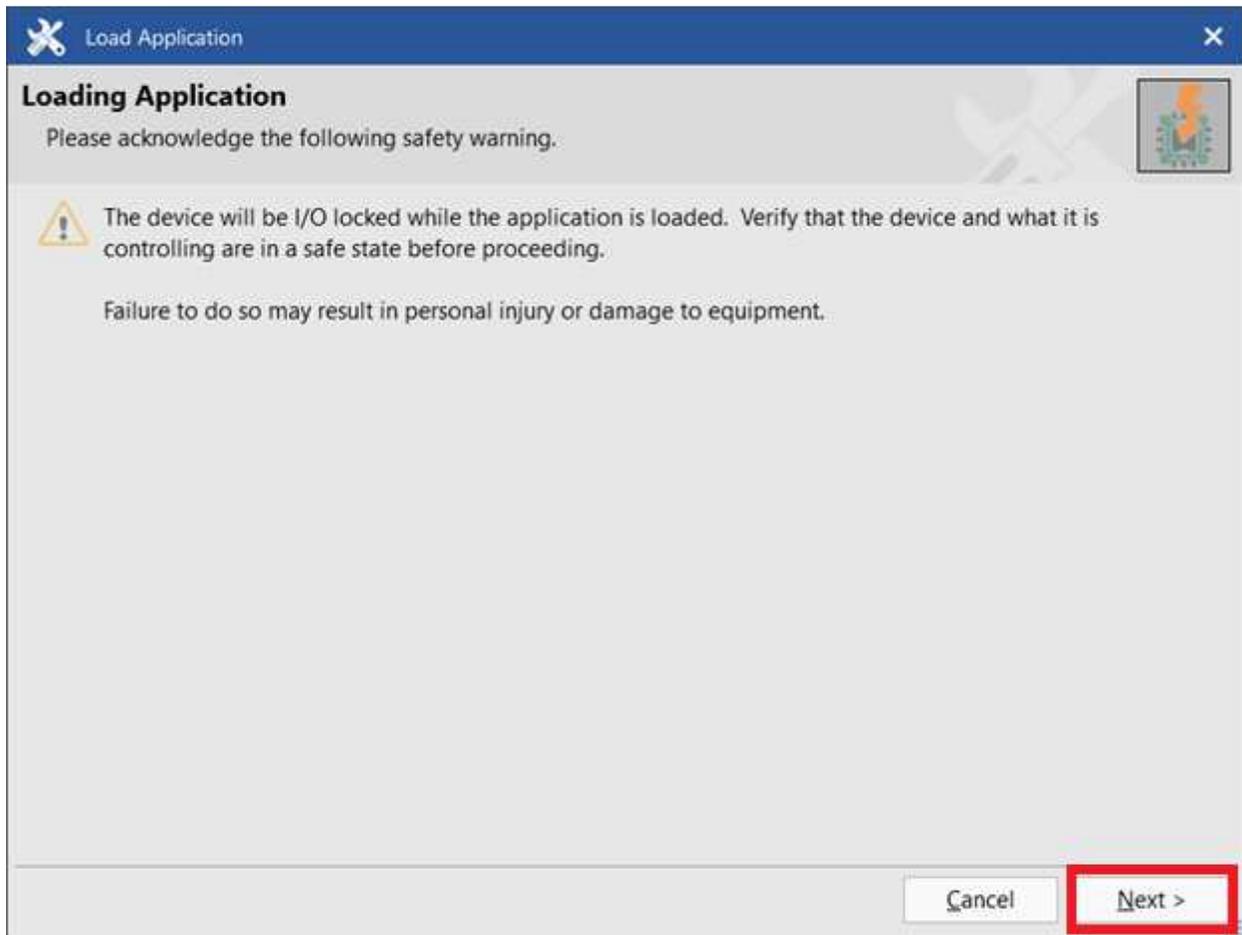
Before continuing make configuration parameters are backed up.

To perform an SPC update in the field follow the steps below.

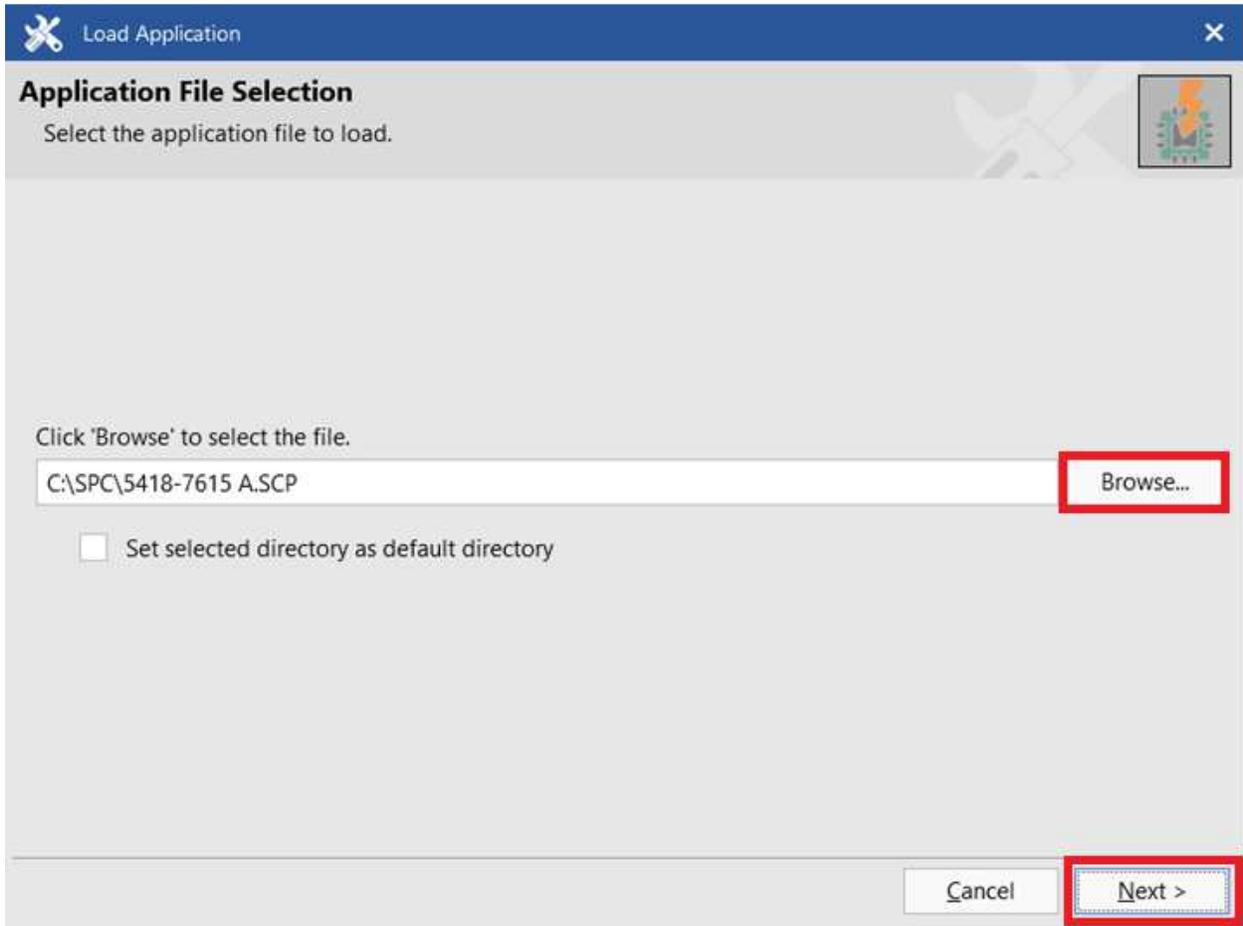
1. Use SPC Service Tool to save configuration file. Download latest revision 9927-1029 P from this link : <https://www.woodward.com/en/support/software%20assets/calibration%20tool/2020/06/04/10/25/9927-1029-p>  
or search for 9927-1029 in: <https://www.woodward.com/search#o=Title,Ascending&resources=Software>
2. Download Woodward Toolkit from : <https://www.woodward.com/search#o=Title,Ascending&resources=Software>  
Search for 9927-1226 and download latest available version.
3. Install Woodward Toolkit
4. Double click on FieldUpdateTool\_revA.wstool – it will open Toolkit and load update tool
5. Click File and Load Application to open update window



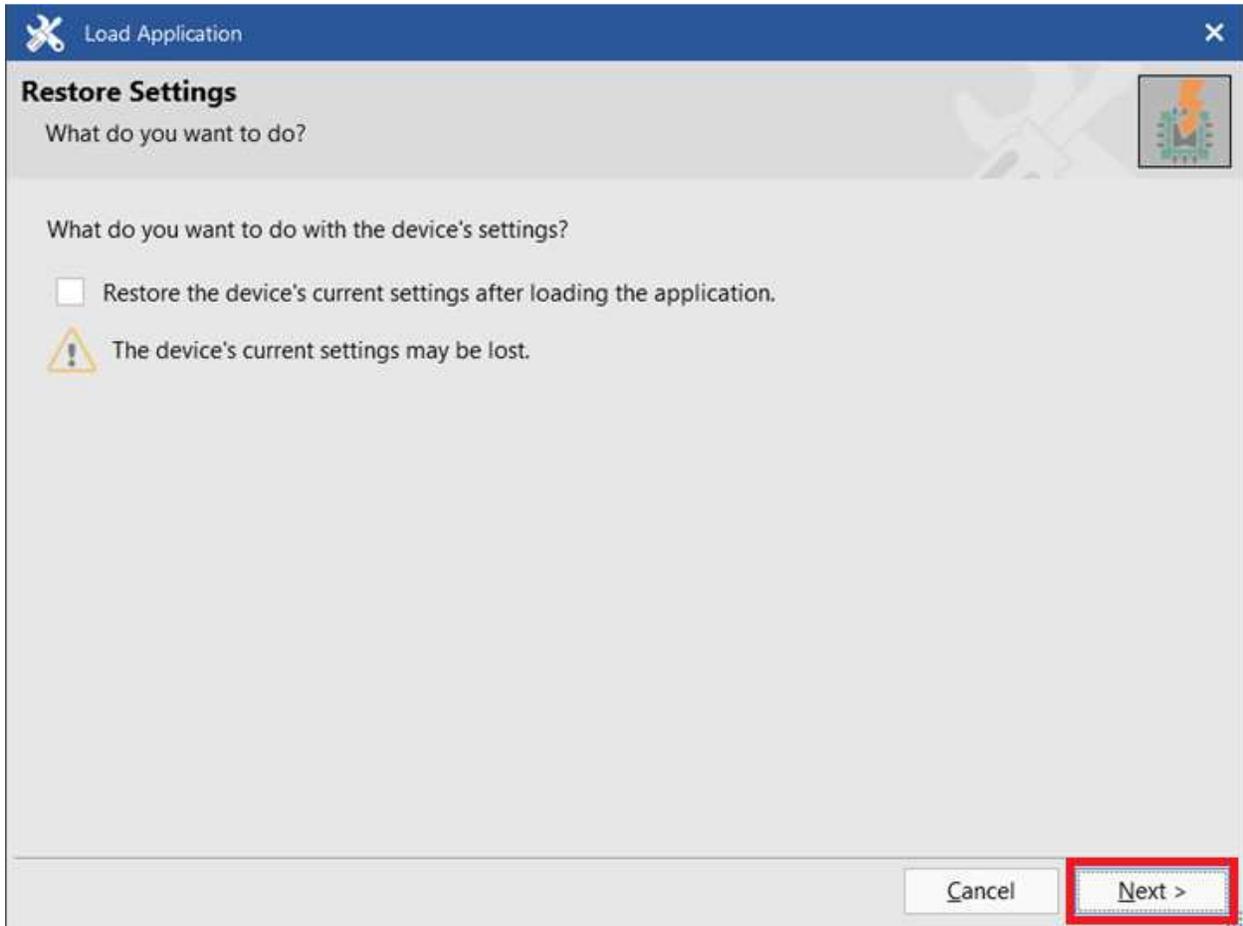
6. Make sure unit is I/O locked. Click Next



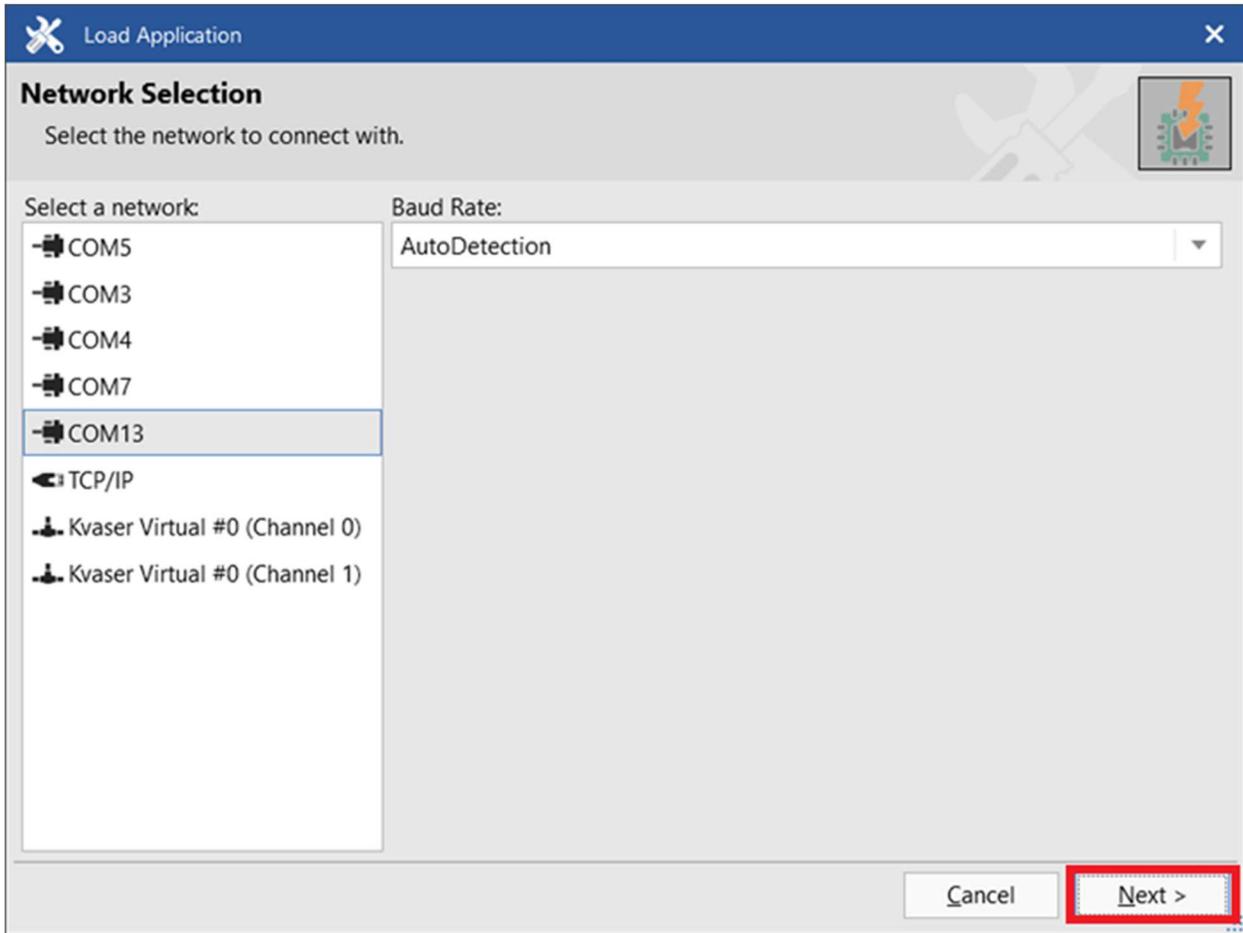
7. Browse for 5418-7615 A.SCP file on your disk and click Next.



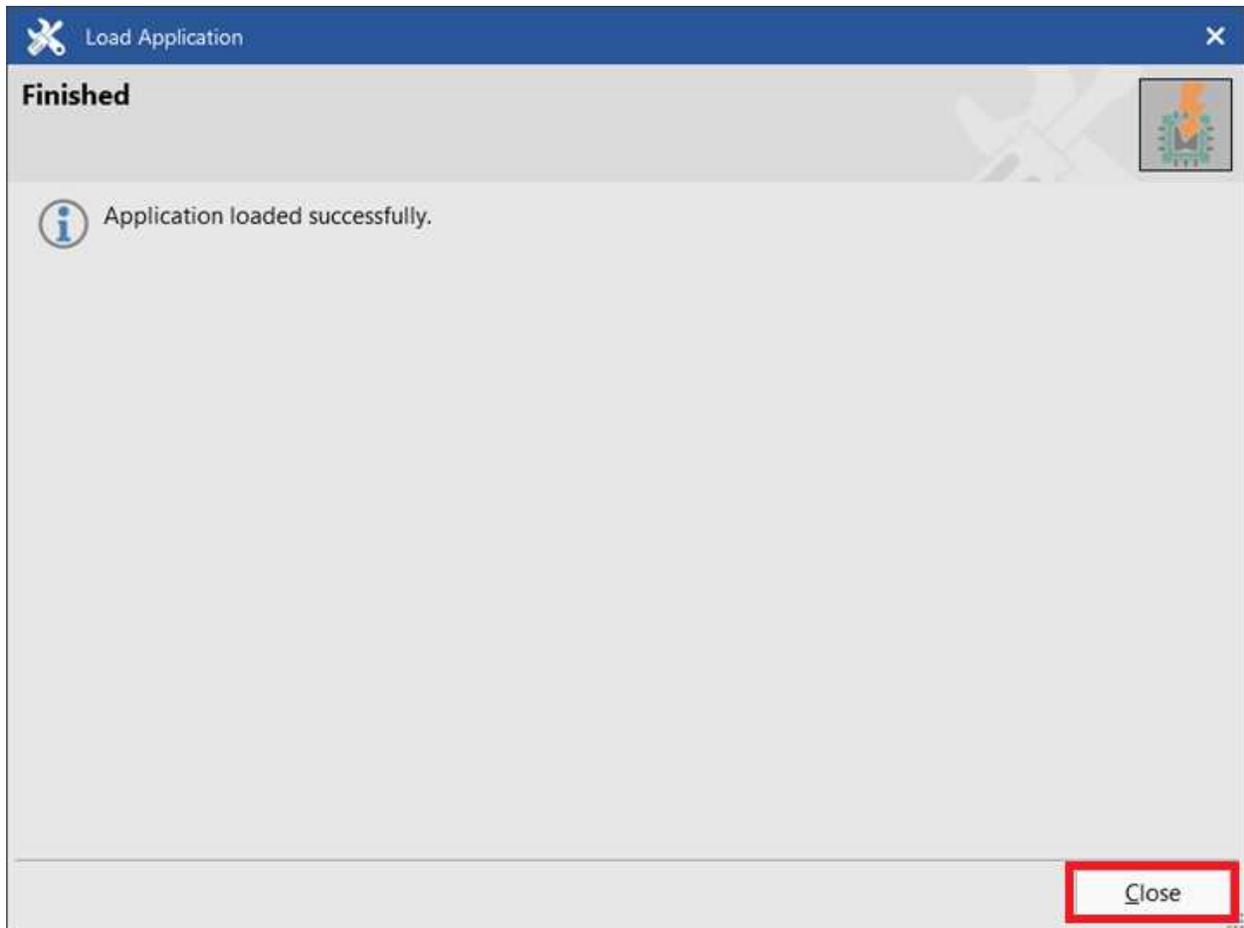
8. Don't select checkbox and click next



9. Select COM port where SPC is connected. Then click Next to start update.

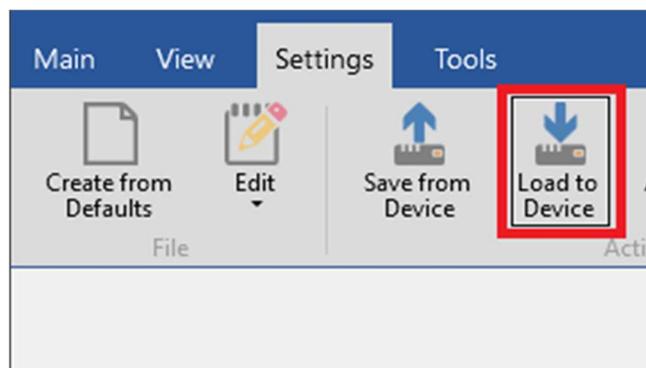


10. Wait until update is done

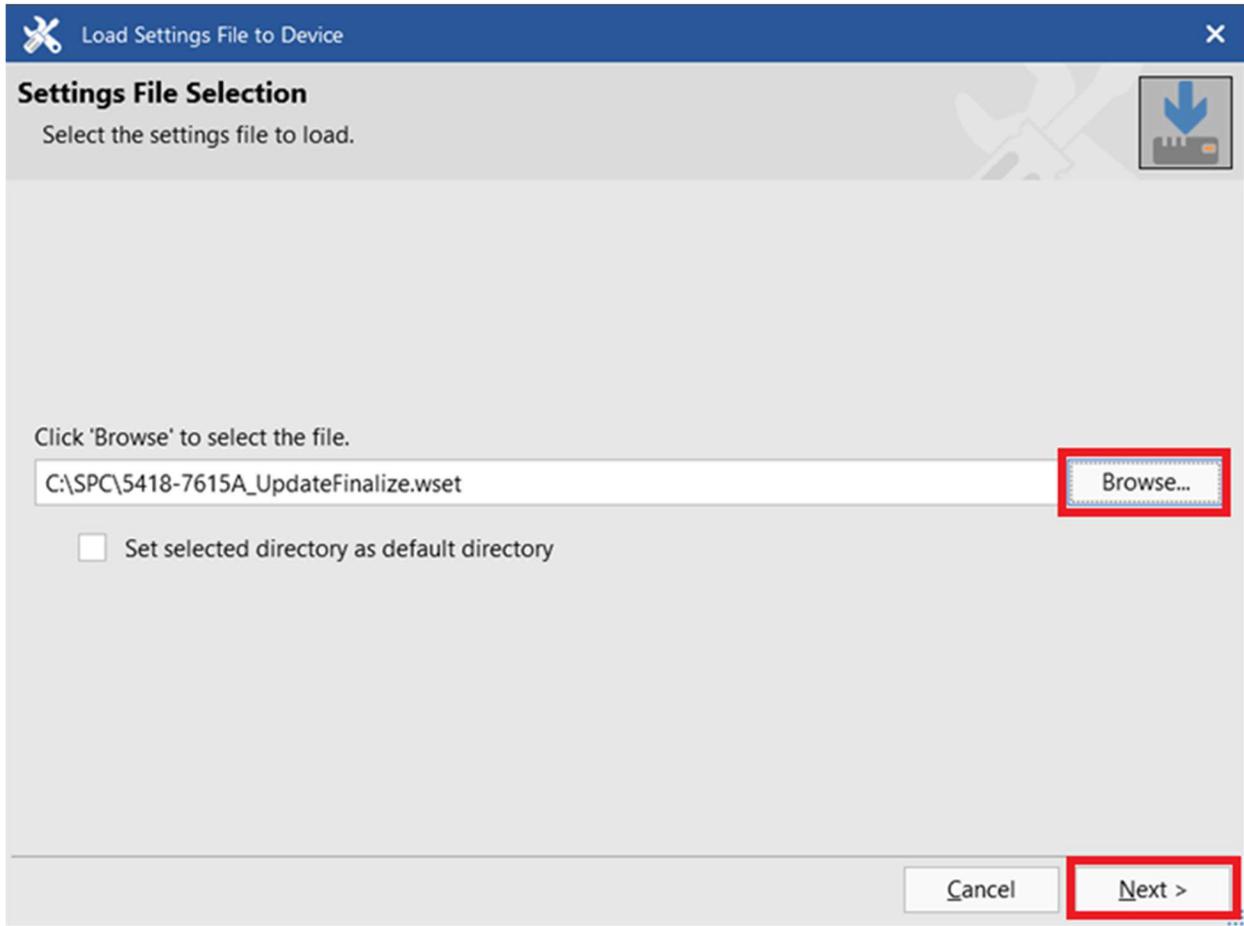


11. Once done click Close button

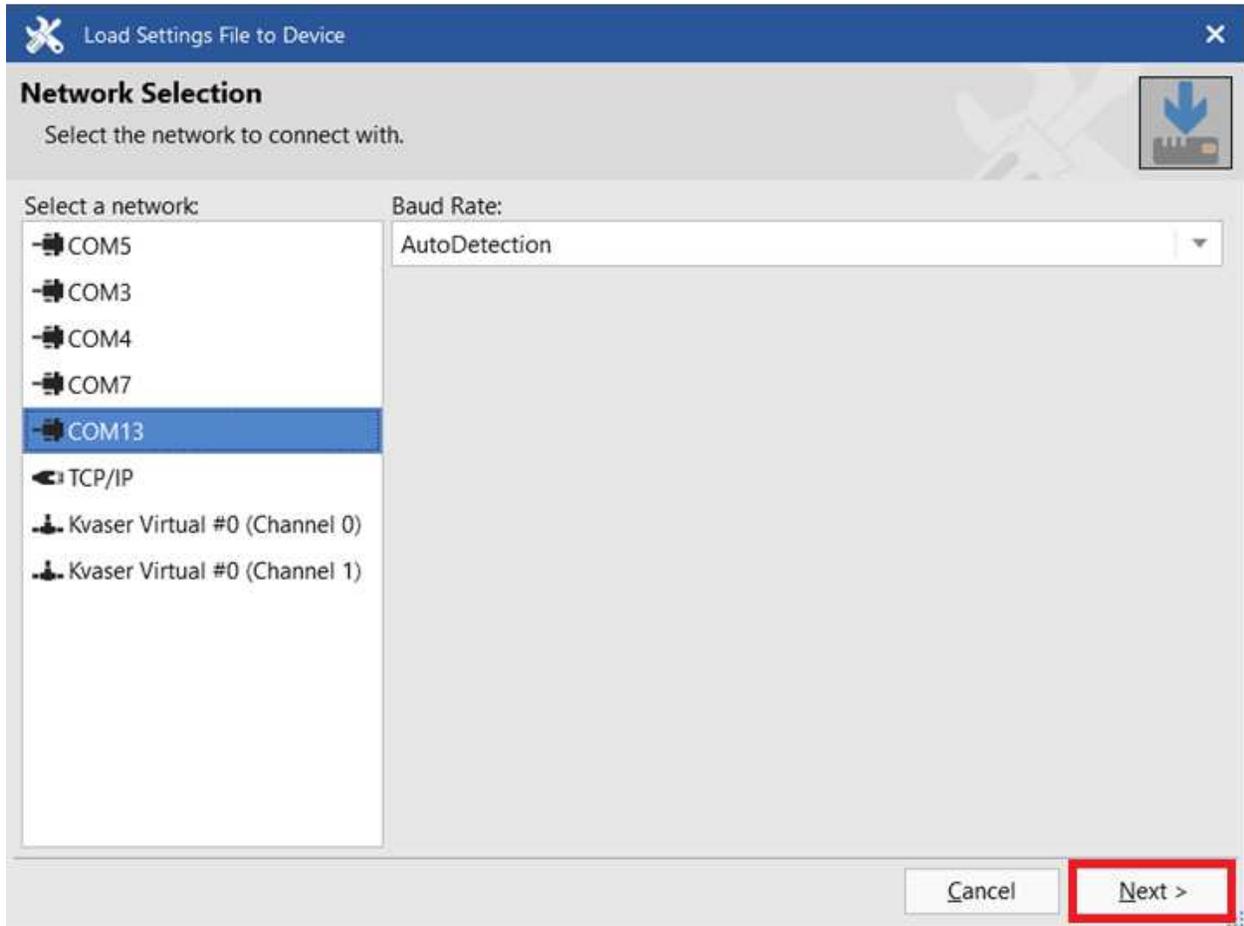
12. Select Settings and "Load Settings File to Device..."



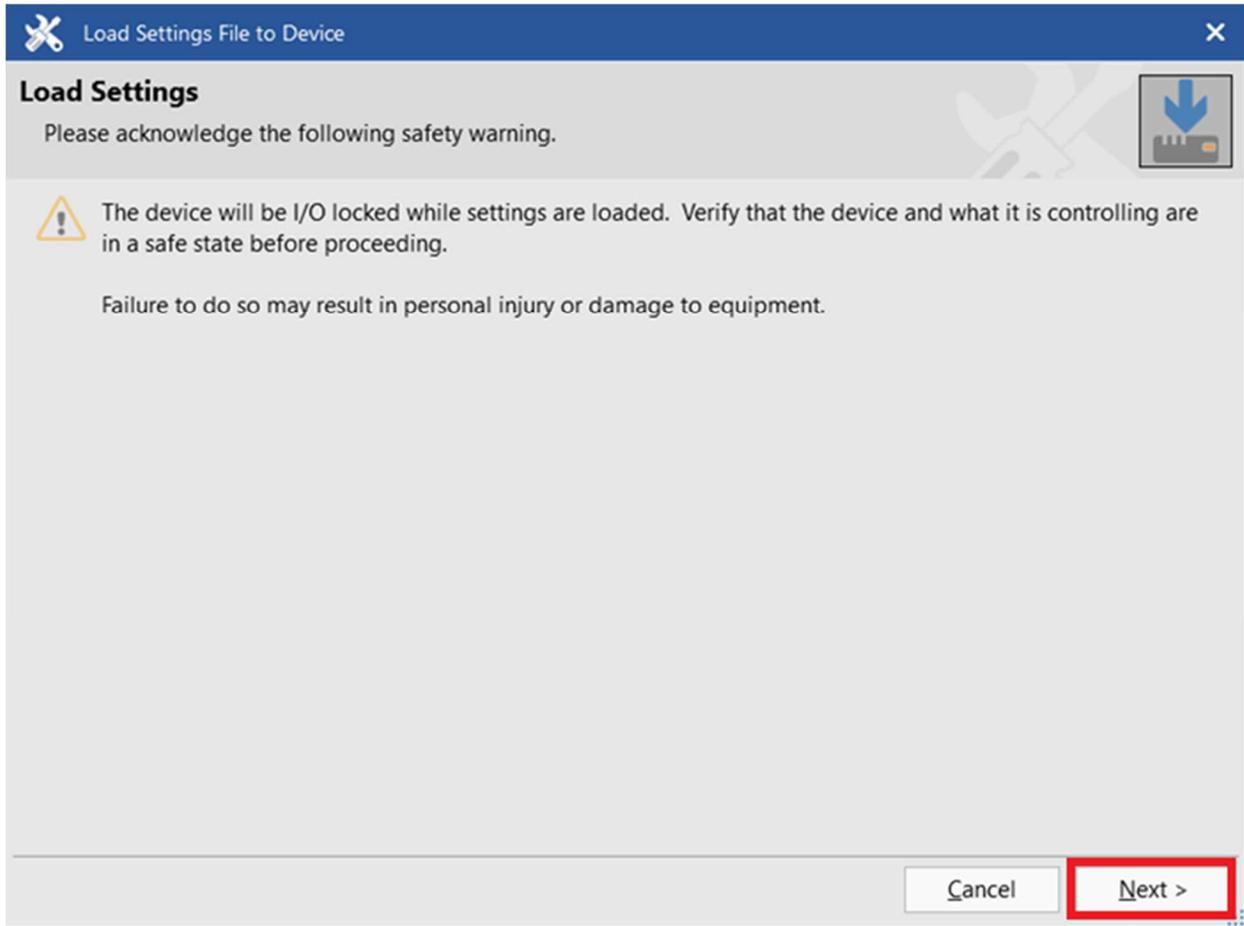
13. Browse to 5418-7615A\_UpdateFinalize.wset on your disk. Click Next.



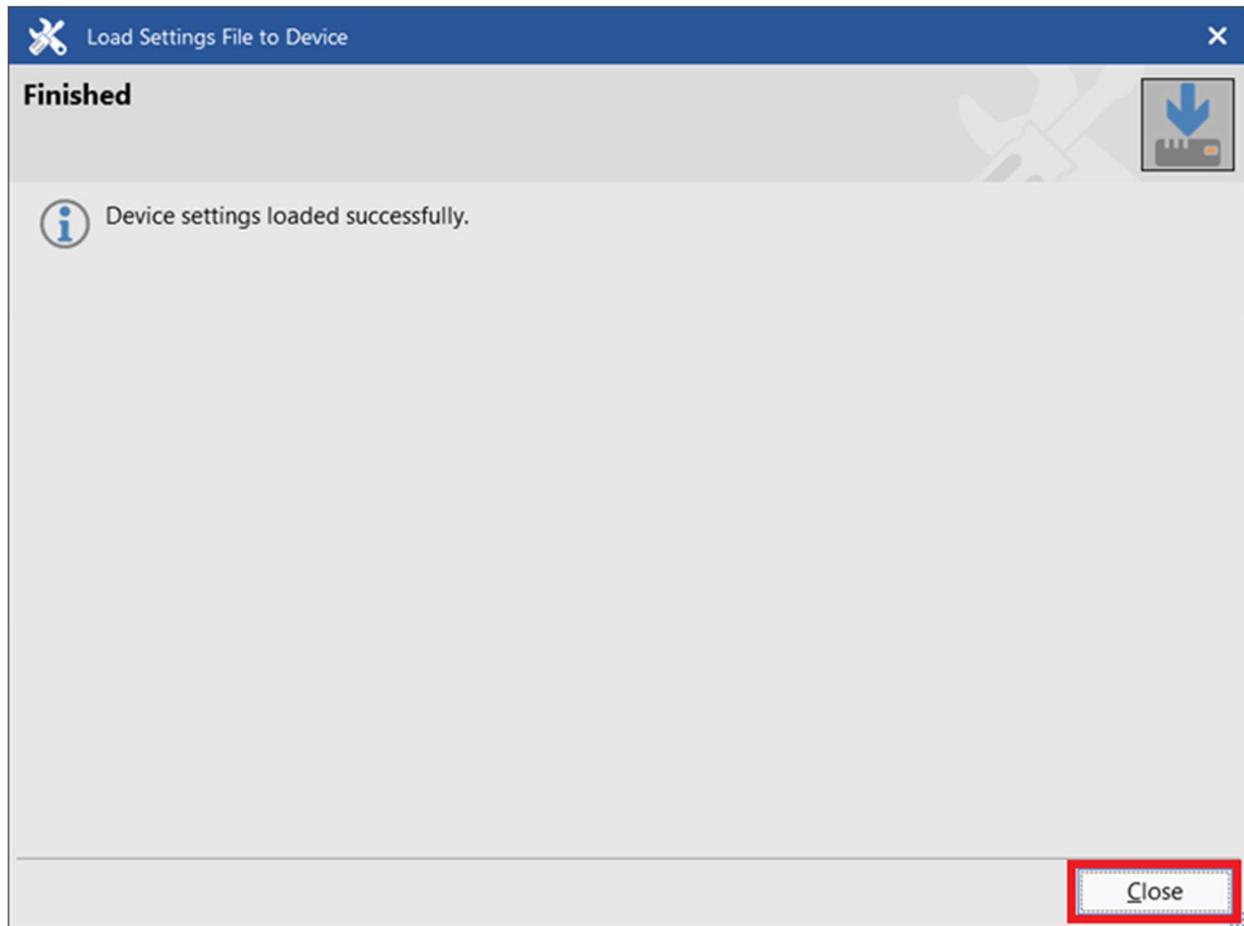
14. On next screen select COM port where SPC is connected. Then click Next to load settings file.



15. Make sure device is I/O locked and click "Next".



16. Wait until load is done



17. Click close button

18. Close this tool

19. Open SPC Service Tool rev P

20. Open configuration parameters from the device and review all parameters are correct

21. Load configuration again to the device (select Load to control) – even if not changed - to finalize update procedure

22. Update process is done once configuration parameters are loaded to the device

23. If there is need to keep back up configuration file on disk – store it again. Configuration files stored from previous software version will not be compatible with new software version.

## 8200-226 SPC DeviceNET Update in the Field

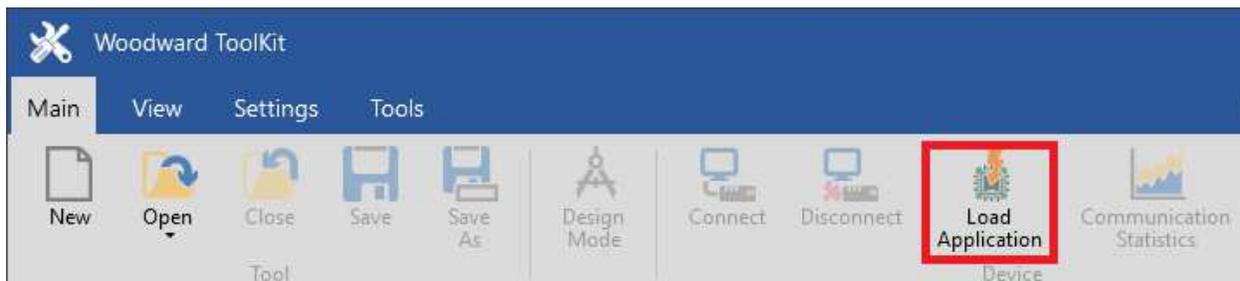
### Package Contents:

- SPC 5418-2322 B.SCP
- 51628-.pdf – this file

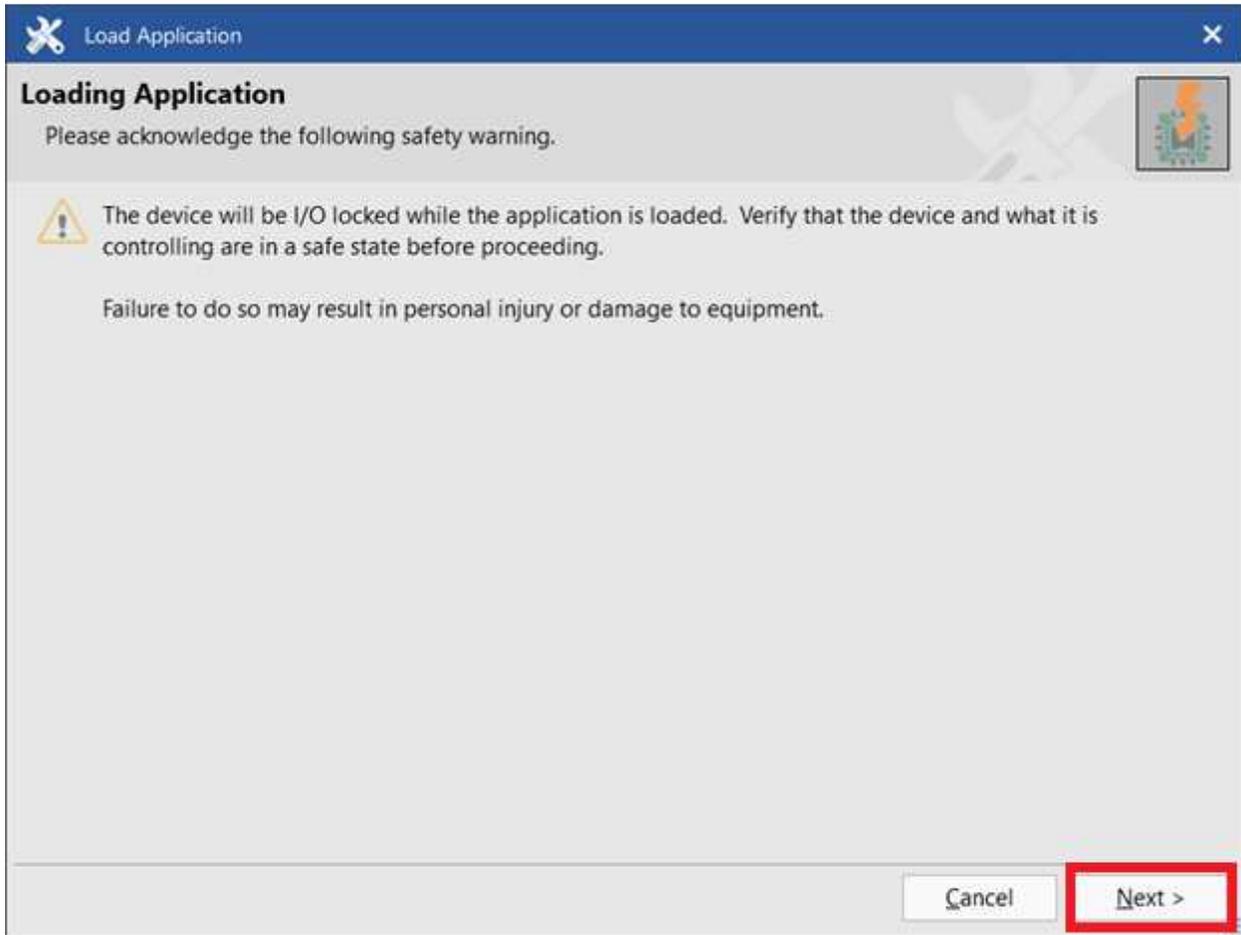
**IMPORTANT****Before continuing make configuration parameters are backed up.**

To perform an SPC update in the field follow the steps below.

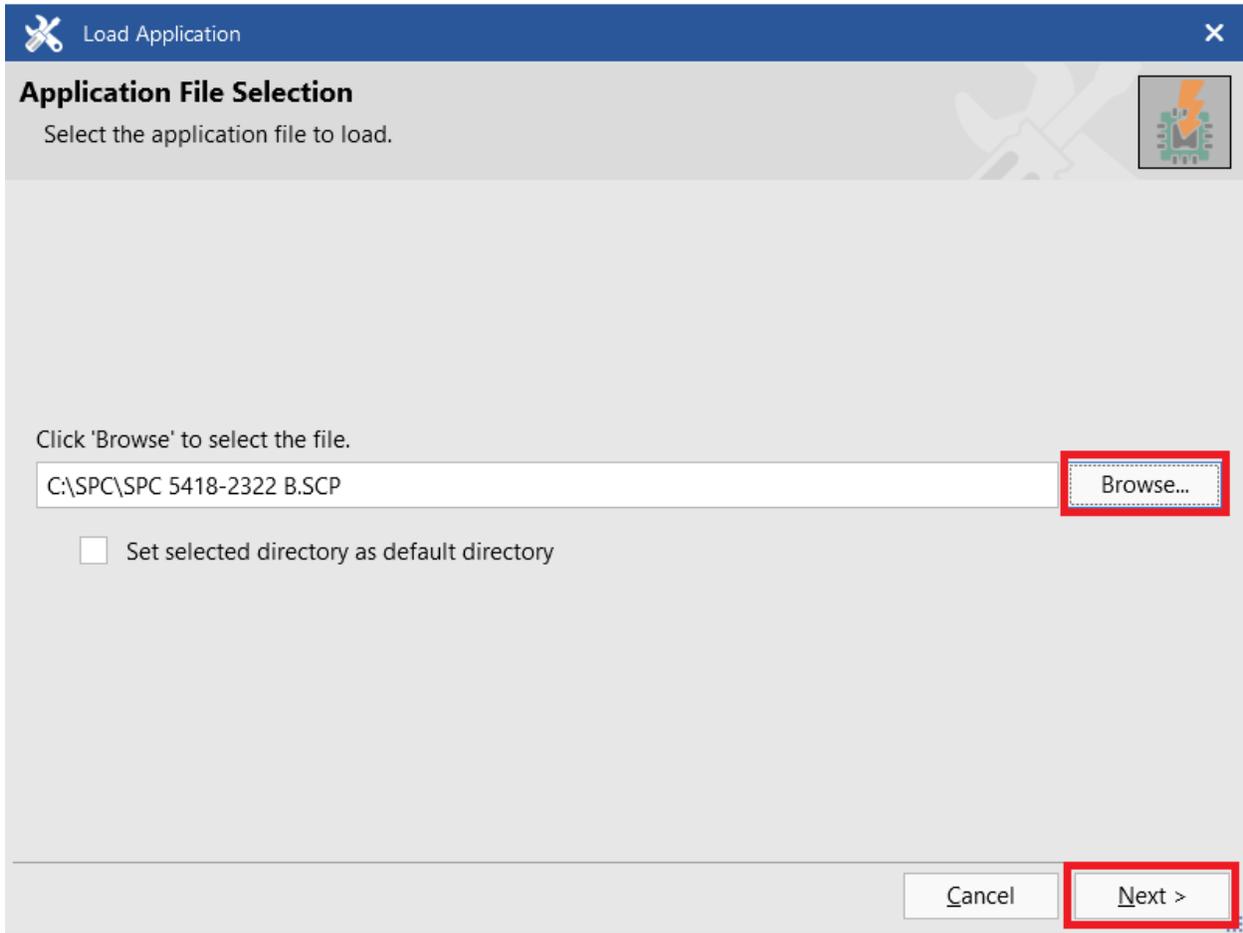
1. Use SPC Service Tool to save configuration file. Download latest revision P  
<https://www.woodward.com/en/support/software%20assets/calibration%20tool/2020/06/04/10/25/9927-1029-p>  
Or search for 9927-1029 in:  
<https://www.woodward.com/search#o=Title,Ascending&resources=Software>
2. Download Woodward Toolkit from :  
<https://www.woodward.com/search#o=Title,Ascending&resources=Software>  
Search for 9927-1226 and download latest available version.
3. Install Woodward Toolkit
4. Open Woodward Toolkit
5. Click File and Load Application



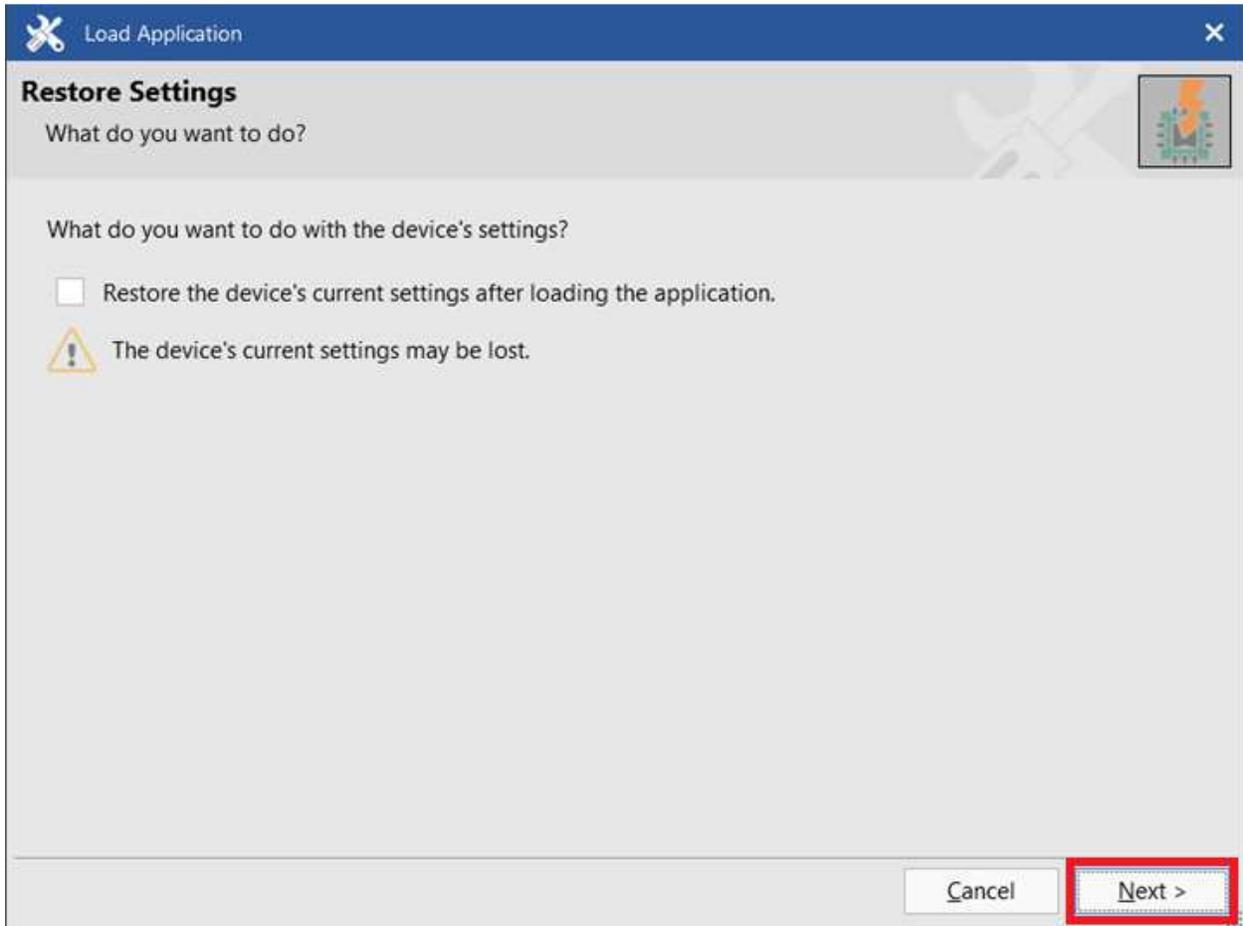
6. Make sure unit is I/O locked. Click Next



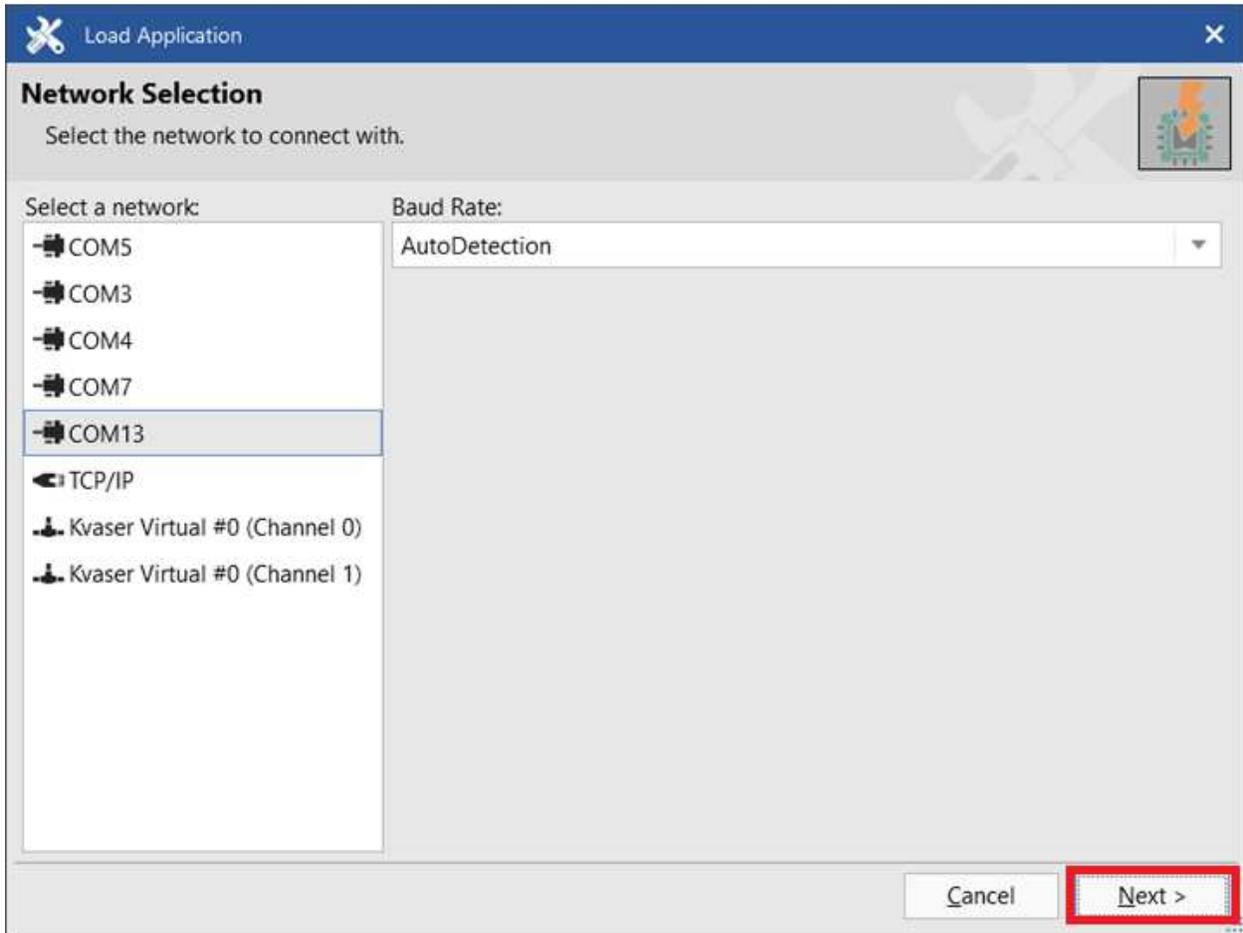
7. Browse for 5418-2322 B.SCP file on your disk



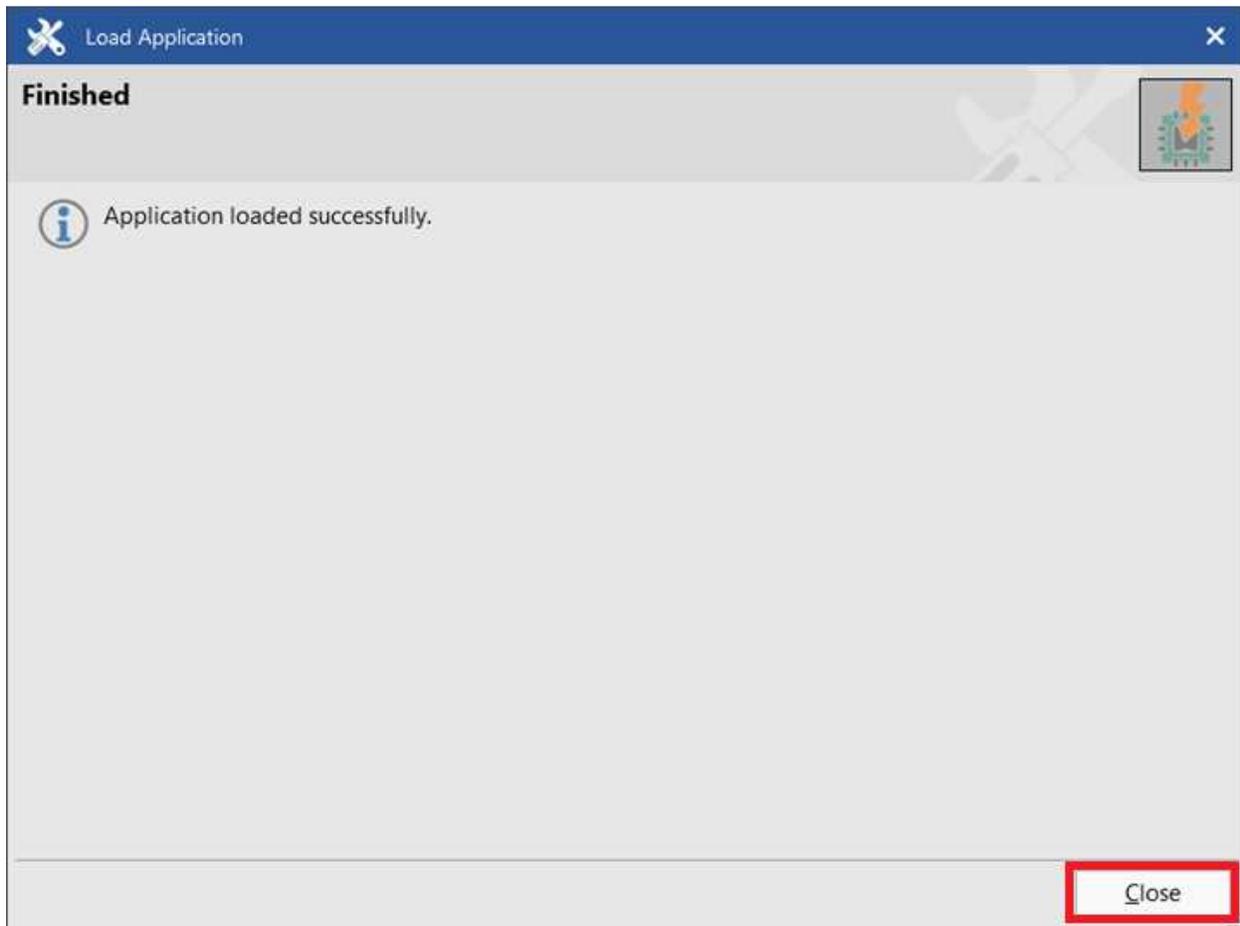
8. Don't select checkbox, click next



9. Select COM port where SPC is connected. Then click Next to start update.



10. Wait until update is done



11. Once done click Close button

12. Close this tool

13. Open SPC Service Tool rev P

14. Open configuration parameters from the device and review all parameters are correct

15. Load configuration again to the device (select Load to control) – even if not changed - to finalize update procedure

16. Update process is done once configuration parameters are loaded to the device

17. If there is need to keep back up configuration file on disk – store it again. Configuration files stored from previous software version will not be compatible with new software version.

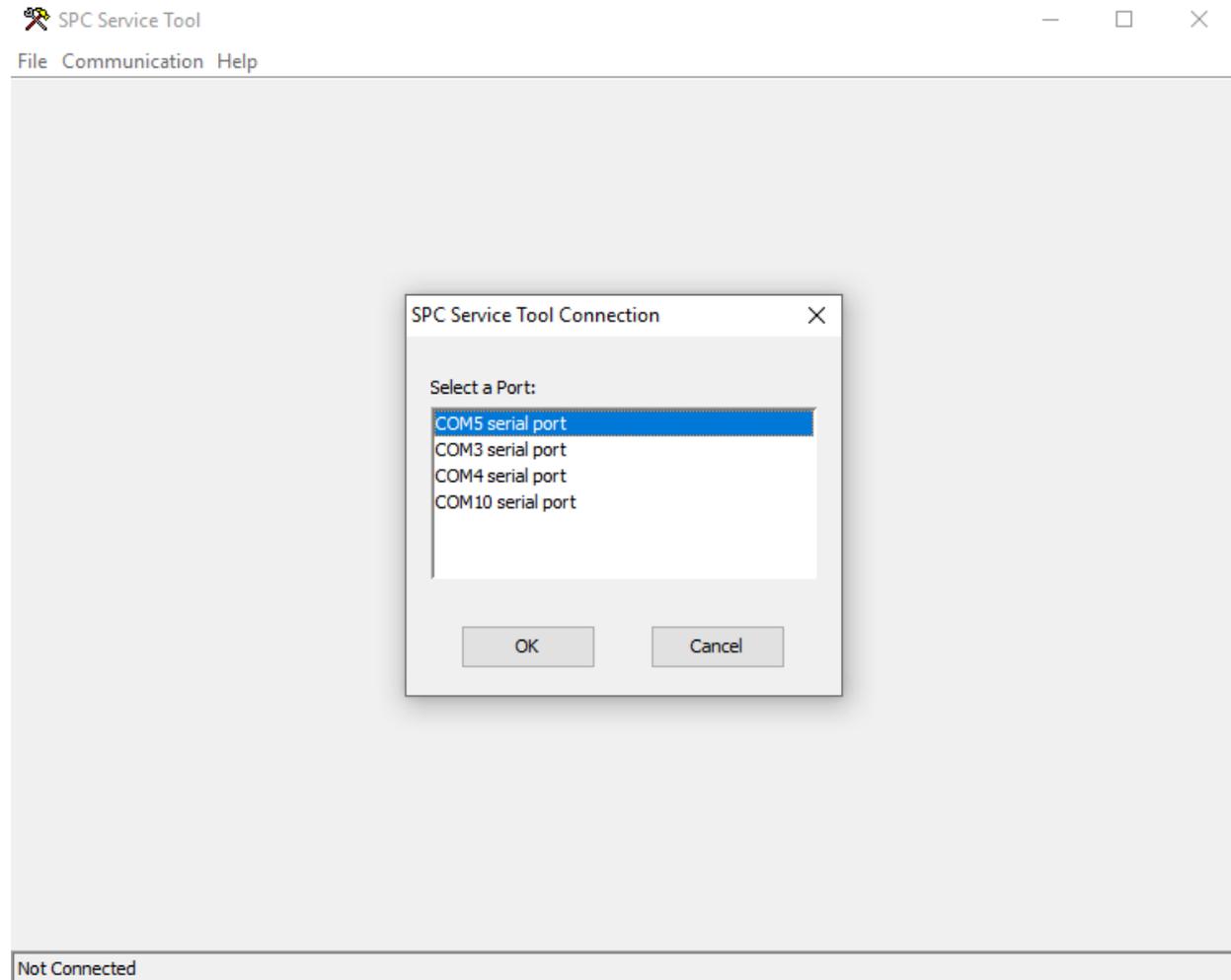
## SPC Unit Replacement

This instruction describes how to load saved configuration to replacement unit and it applies to:

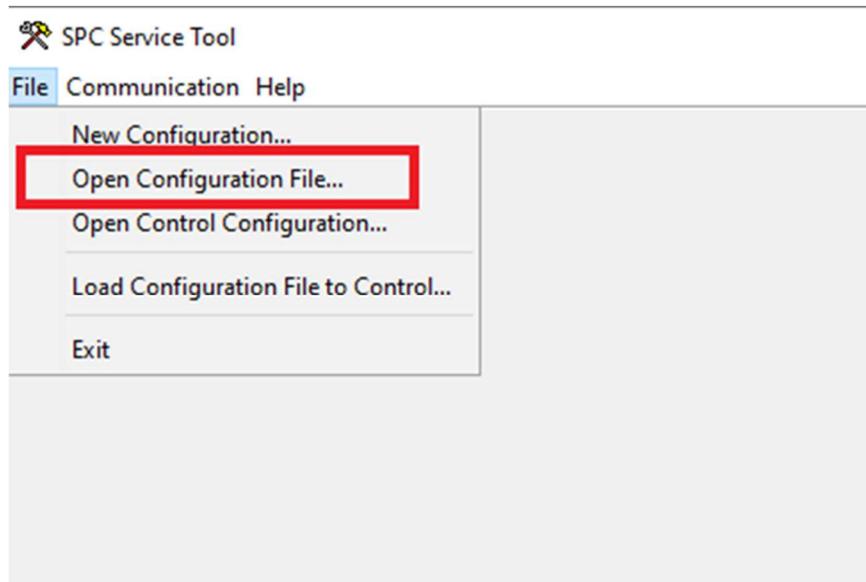
- 8200-226
- 8200-227

To replace the SPC Unit, follow the steps below.

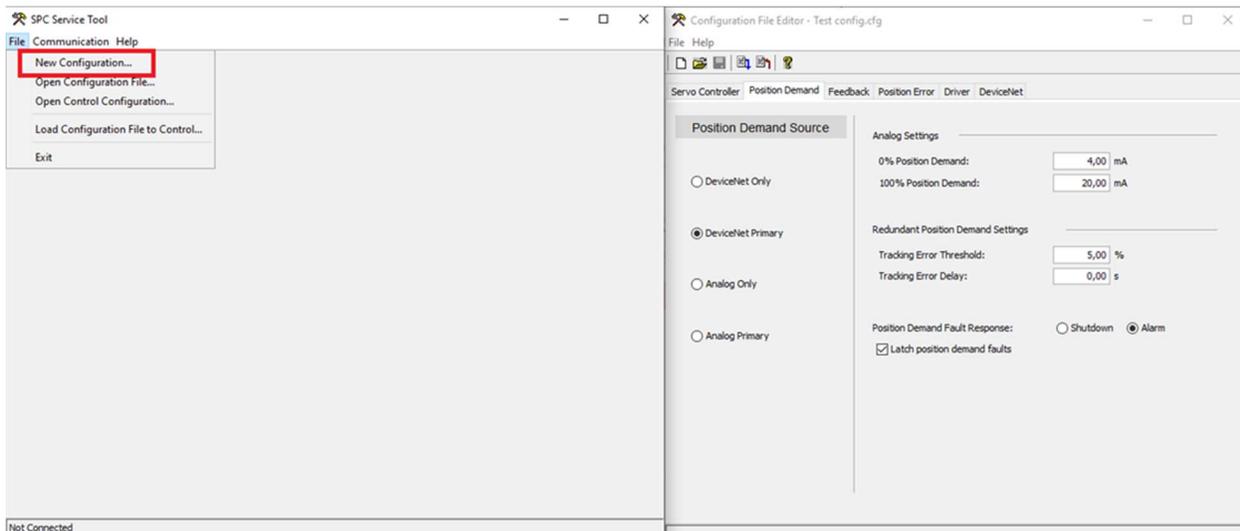
1. Open SPC Service tool rev P
2. When prompted for COM port click Cancel



3. Select File and “Open Configuration File”. Navigate and select cfg file with back up parameters.



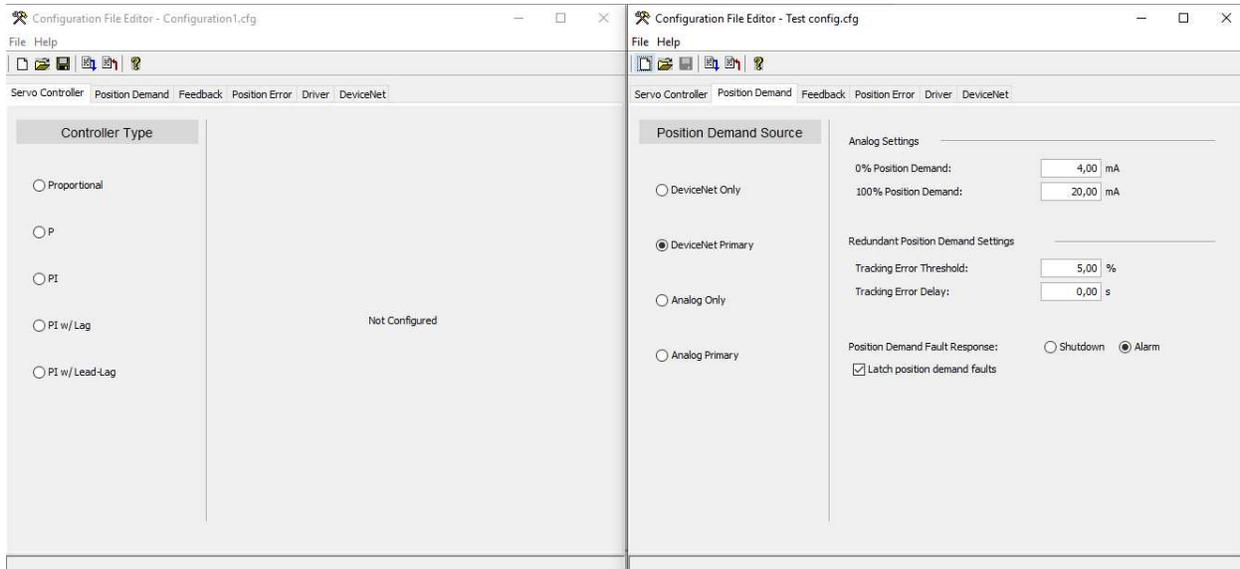
4. New window with parameters will be opened. Move it aside.
5. On main window click File and “New Configuration File”



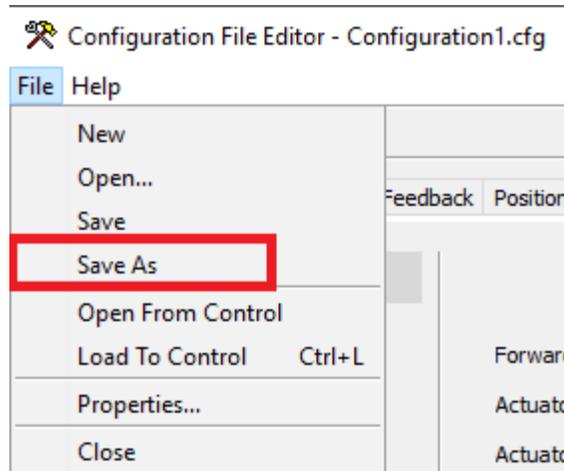
6. When prompted for service interface version select:
  - a. 5418-2322B for 8200-226 unit
  - b. 5418-7615A for 8200-227 unit

The selection will open new window with empty configuration.

7. Arrange windows side by side and replicate all parameters manually to new configuration.



8. Once all parameters are copied save configuration file on your disk.



9. Close configuration windows and connect to the device.
10. If needed, load stored configuration to the device.

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Please reference publication **51628**.



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PO Box 1519, Fort Collins CO 80522-1519, USA  
1041 Woodward Way, Fort Collins CO 80524, USA  
Phone +1 (970) 482-5811

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