

This document captures ideas, experiences, and informal recommendations from the Yaskawa Partner Support team. It is meant to augment – not supersede manuals or documentation from motoman.com. Please contact the Partner Support team at partnersupport@motoman.com for updates or clarification.

How to Fix the MotoSim NSimUsr.ini Error



Introduction

Sometimes software conflicts can happen. An example would be when Windows updates itself and client applications have not yet caught up. This is the case when a user's Windows 10 OS updates to the version "20H2". It causes the above error to appear every time MotoSim is closed.

What is NSimUsr.ini and Why is this Happening?

NSimUsr.ini is a file that stores all the data from MotoSim Option Settings. The Windows version 20H2 locks out MotoSim from using or making any changes to its option settings. This Windows update changed some security rights to the "ProgramData" folder...the parent folder of NsimUsr.ini.

YASKAWA

PARTNER SUPPORT Shared Integration Experience This document captures ideas, experiences, and informal recommendations from the Yaskawa Partner Support team. It is meant to augment – not supersede manuals or documentation from motoman.com. Please contact the Partner Support team at partnersupport@motoman.com for updates or clarification.

How-To Fix the Issue

1. Use Windows File Explorer to navigate to...

C:\ProgramData\MOTOMAN\MotoSimEG -VRC.

Note: C:\ProgramData is a hidden folder. You may need to click View, Hidden Items to see it.

- 2. Right-Click NSimUsr.ini
- 3. Select Properties
- 4. Select the Security Tab
- 5. Select Users (notice that the users group does not have full control of this file)
- 6. Select Edit Button
- 7. This opens the Permissions window.
- 8. Select the Users Group
- 9. Check the box for FULL CONTROL
- 10. Select OK on the Permissions Window
- 11. Select OK on the Security Window

NSimUsr Properties 4	×		
General Security Details Previous Versions			
Object name: C:\ProgramData\MOTOMAN\MotoSimEG-VRC\NSi			
Group or user names:	Security		
SYSTEM			
Administrators (DESKTOP-SEI1EO9\Administrators)	Object name: C:\ProgramData	MOTOMAN\MotoS	imEG-VRC\NS
Service (DESKTOP-SEI1EO9\Users)	Group or user names:		
5	SYSTEM Administrators (DESKTOP-S	EI1EO9\Administra	tors)
To change permissions, click Edit.	Users (DESKTOP-SEI1EO9)	Users)	
Permissions for Users Allow Deny	8		
Full control		16 540	
Modify		Add	Remove
Read & execute			120-0
Read 🗸	Permissions for Users	Allow	Deny
Write	Full control		
Special permissions	Modify		
	Read & execute		
For special permissions or advanced settings, Advanced	Read	\sim	
click Advanced.	Write		
	On exist a surface size		
OK Cancel Apply	ОК	Cancel	Apply

Future Direction

Future versions of MotoSim should automatically resolve this issue during an install.