


# WinDelay for Twincat Startup

How To install WinStartDelay software for Twincat

 Difficulty **Medium**

 Duration **20 minute(s)**

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Comments

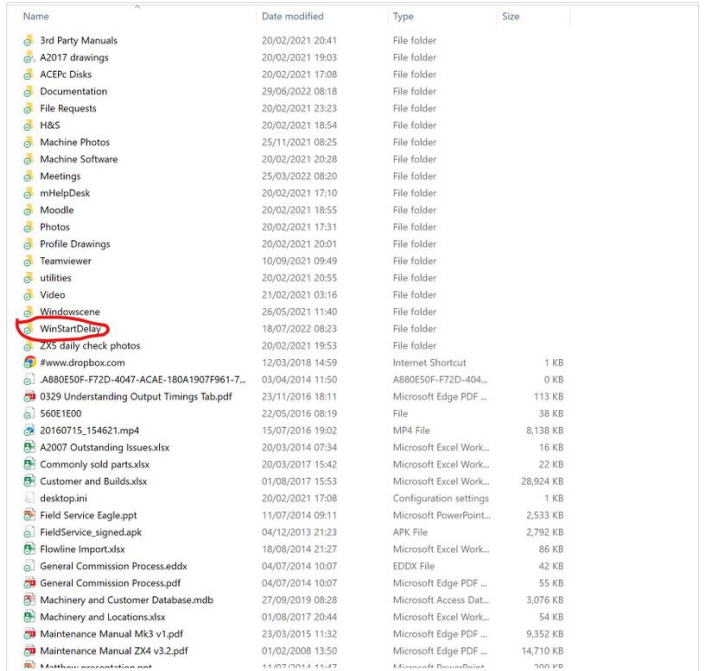
## Introduction

When Windows Boots up and WinMulti is started the TwinCat PLC is not in Run mode ready for the application. The Run mode of Twin cat normally takes between 70 to 90 seconds.

WinStartDelay is a piece of software which delays Winmulti Starting up until the Amount of Time Delay needed has been run.

## Step 1 - Download the software.

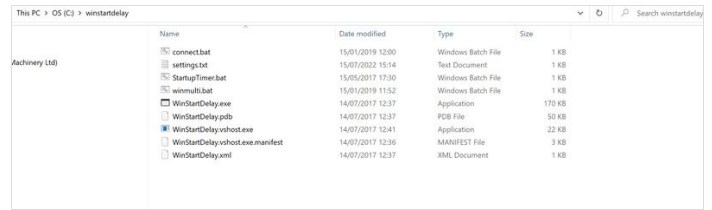
This can be downloaded from Dropbox (Stuga Machinery Ltd)\Service\WinStartDelay\winstartdelay.zip



Name	Date modified	Type	Size
3rd Party Manuals	20/02/2021 20:41	File folder	
A2017 drawings	20/02/2021 19:03	File folder	
ACEPC Disks	20/02/2021 17:08	File folder	
Documentation	29/06/2022 08:18	File folder	
File Requests	20/02/2021 23:23	File folder	
H&S	20/02/2021 18:54	File folder	
Machine Photos	25/11/2021 08:25	File folder	
Machine Software	20/02/2021 20:28	File folder	
Meetings	25/03/2022 08:20	File folder	
mHelpDesk	20/02/2021 17:10	File folder	
Moodle	20/02/2021 18:55	File folder	
Photos	20/02/2021 17:31	File folder	
Profile Drawings	20/02/2021 20:01	File folder	
Teamviewer	10/09/2021 09:49	File folder	
utilities	20/02/2021 20:55	File folder	
Video	21/02/2021 03:16	File folder	
Windowscene	26/05/2021 11:40	File folder	
<b>WinStartDelay</b>	18/07/2022 08:23	File folder	
ZX5 daily check photos	20/02/2021 19:53	File folder	
#www.dropbox.com	12/03/2018 14:59	Internet Shortcut	1 KB
.A880E50F-F72D-4047-ACAE-180A1907F961-7...	03/04/2014 11:50	A880E50F-F72D-404...	0 KB
0329 Understanding Output Timings Tab.pdf	23/11/2016 18:11	Microsoft Edge PDF ...	113 KB
560E1E00	22/05/2016 08:19	File	38 KB
20160715_154621.mp4	15/07/2016 19:02	MP4 File	8,138 KB
A2007 Outstanding Issues.xlsx	20/03/2014 07:34	Microsoft Excel Work...	16 KB
Commonly sold parts.xlsx	20/03/2017 15:42	Microsoft Excel Work...	22 KB
Customer and Builds.xlsx	01/08/2017 15:53	Microsoft Excel Work...	28,924 KB
desktop.ini	20/02/2021 17:08	Configuration settings	1 KB
Field Service Eagle.ppt	11/07/2014 09:11	Microsoft PowerPoint...	2,533 KB
FieldService_signed.apk	04/12/2013 21:23	APK File	2,792 KB
Flowline Import.xlsx	18/08/2014 21:27	Microsoft Excel Work...	86 KB
General Commission Process.eddx	04/07/2014 10:07	EDDX File	42 KB
General Commission Process.pdf	04/07/2014 10:07	Microsoft Edge PDF ...	55 KB
Machinery and Customer Database.mdb	27/09/2019 08:28	Microsoft Access Dat...	3,076 KB
Machinery and Locations.xlsx	01/08/2017 20:44	Microsoft Excel Work...	54 KB
Maintenance Manual Mk3 v1.pdf	23/03/2015 11:32	Microsoft Edge PDF ...	9,352 KB
Maintenance Manual ZX4 v3.2.pdf	01/02/2008 13:50	Microsoft Edge PDF ...	14,710 KB
...	...	...	...

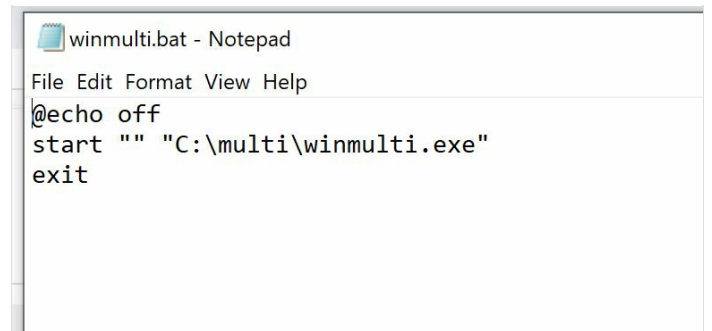
## Step 2 - Unzip all the contents to the C:\ (root).

Once done you will have folder called WinStartDelay in the Root of C:\



## Step 3 - Copy the Winmulti.bat file to C:\multi Folder

This file will call up the Winmulti.exe to run file after the Delay has been applied.

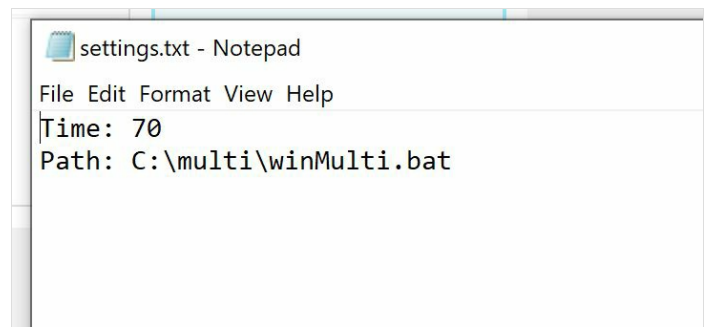


## Step 4 - Checking the Startup Delay

Please open settings.txt file in C:\WinDealystartup.

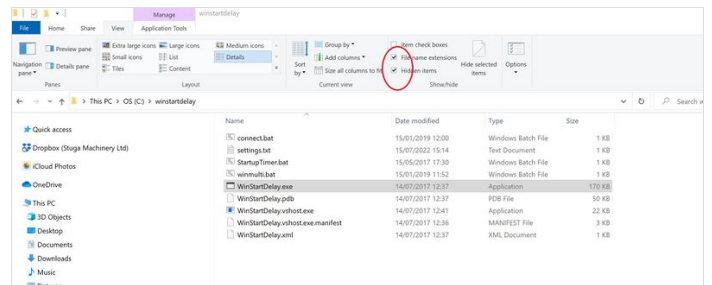
The 1st line contains the Delay in Seconds.

The 2nd Delay is the Path of where the WinMulti.bat file is.



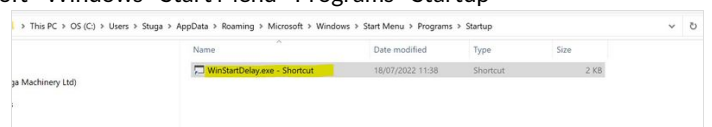
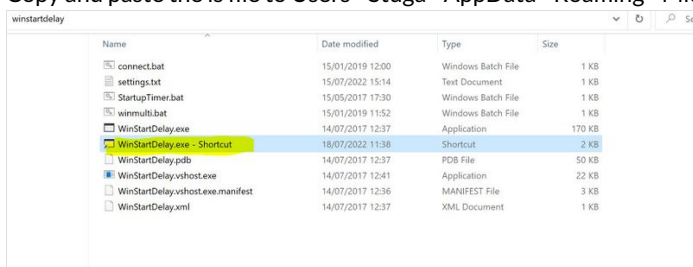
## Step 5 - Adding the File to the Startup for windows.

Please ensure that File name Extensions and Hidden items in Windows are allowed by having a Tick in the box.



## Step 6 - Create a Shortcut to WinstartDelay.exe in the C:\WinStartDelay\Folder

Copy and paste the is file to Users - Stuga - AppData - Roaming - Microsoft - Windows - Start Menu - Programs - Startup



## Step 7 - Reboot the PC and the Delay should Startup and Countdown, Ensure the Winmulti.exe Program starts ups and connects with the PLC

