

# TManageServices CLI

Command-line utility for installing and uninstalling the FrameworkX Windows services from scripts.

**Reference** [Installation Folders and Utilities](#) TManageServices CLI

**Version 10.1.5+**

TManageServices.exe ships in the FrameworkX utilities folder and wraps the install, uninstall, and start logic for every Windows service delivered by the product.

Use it directly from PowerShell, SCCM, Intune, Ansible, or any other automation pipeline. The Designer Runtime Startup tab calls the same utility through its AutoStartup button.

[Syntax](#)  
[Commands](#)  
[Options \(New in 10.1.5\)](#)  
[Exit Codes \(New in 10.1.5\)](#)  
[Examples](#)  
[Interactive vs Unattended \(New in 10.1.5\)](#)

## Syntax

```
TManageServices.exe <command> [options]
```

Running the utility with no arguments, /?, /help, --help, or -h prints the full help text and exits with code 0. (*Help-flag dispatch is new in 10.1.5.*)

All service install and uninstall commands require elevated privileges. Launch the shell as Administrator.

## Commands

### TStartup

Command	Effect
/installtstartup /solution:"<path>" [/profile:<n>]	Installs TStartup as TStartup-<SolutionName> pointing at the named solution file.
/uninstalltstartup /solution:"<name>"	Removes the TStartup service bound to the named solution.

### Other Services

Command	Effect
/installtwebservices / /uninstalltwebservices	Installs or removes TWebServices.
/installtsecuregateway / /uninstalltsecuregateway	Installs or removes TSecureGateway.
/installthardkey / /uninstallthardkey	Installs or removes THardkey (license daemon).
/installtmqttbroker / /uninstalltmqttbroker	Installs or removes TMQTTBroker.
/installruntimecphttp / /uninstallruntimecphttp ( <i>New in 10.1.5</i> )	Installs or removes the .NET 10 RuntimeMCPHttp service. The registered command line is dotnet "<path>\net10.0\RuntimeMCPHttpService.dll".
/removeallservices	Uninstalls every FrameworkX service in one call. See the note in <b>Exit Codes</b> below.
/installModbusRTUSim	Creates and populates registry keys under HKLM\SOFTWARE[\WOW6432Node]\Adroit Technologies\Adroit\Simulators\ModbusRTUSim and the matching HKCR\VirtualStore\MACHINE\SOFTWARE paths.

### Options (*New in 10.1.5*)

Option	Description
<code>/silent</code> , <code>/unattended</code> , <code>/quiet</code> ( <i>New in 10.1.5</i> )	Force unattended mode. The utility skips the "Press Enter to continue" prompt on error and always returns to the caller.
<code>/solution:"&lt;value&gt;"</code>	Required for <code>/installtstartup</code> and <code>/uninstalltstartup</code> . Accepts a solution file path on install and a solution name on uninstall.
<code>/profile:&lt;n&gt;</code>	Optional TStartup profile index.
<code>/?</code> , <code>/help</code> , <code>--help</code> , <code>-h</code> ( <i>New in 10.1.5</i> )	Print the help text and exit with code 0.

When stdin is redirected (piped input from a script), the utility treats the session as unattended automatically, even without an explicit `/silent` flag. (*Auto-detection is new in 10.1.5.*)

The `/silent`, `/unattended`, and `/quiet` flags never appear in the registered service `ImagePath`. All other arguments pass through to the service install step.

## Exit Codes (*New in 10.1.5*)

Code	Meaning
0	All requested operations succeeded.
N	Number of failed operations in the invocation. The utility aggregates failures across TSecureGateway, TStartup, and the TWebServices / THardkey / TMQTTBroker / RuntimeMCPHttp loop.

In PowerShell, read `$LASTEXITCODE` after the call to branch your pipeline.

**Exception:** `/removeallservices` always returns exit code 0, even when individual uninstalls fail. Error messages from that command appear on stdout only. For scripted failure detection, issue individual `/uninstall*` commands and read `$LASTEXITCODE` after each.

## Examples

### PowerShell Install

```
& "C:\Program Files\Tatsoft\FrameworX\fx-10\Utilities\TManageServices.exe" `
  /installtstartup `
  /solution:"C:\Solutions\Plant1.tproj" `
  /silent

if ($LASTEXITCODE -ne 0) { throw "TStartup install failed with $LASTEXITCODE errors." }
```

### Uninstall a Single Service

```
TManageServices.exe /uninstalltstartup /solution:"Plant1" /silent
```

### Remove Every FrameworX Service

```
TManageServices.exe /removeallservices /silent
```

### Capture Help to a File

```
TManageServices.exe /? | Out-File help.txt
```

---

## Interactive vs Unattended (*New in 10.1.5*)

Mode	Behavior on Error
Interactive (no <code>/silent</code> , stdin not redirected)	Prints <code>Press Enter to continue...</code> and waits.
Unattended ( <code>/silent</code> present or stdin redirected)	Exits immediately with a non-zero code equal to the number of failures.

---

**In this section...**

---