# logitech

## Deploy Script DFU through SCCM on Windows®

Summary	2
Download Logitech ScriptDFU	2
How to deploy DFU with SCCM	3

## Summary

The Logitech Script DFU software is a tool to update firmware of supported devices. Intended to be used by IT Managers and Administrators.

**IMPORTANT**: Deployment type should be **Install and Available**, NOT **Required**. This will prevent devices becoming unusable during critical work use. For example if the client (user) is in the middle of a presentation, or critical work, they will lose keyboard input during this time.

## **Download Logitech ScriptDFU**

Download the Logitech ScriptDFU software from the following link

## How to deploy DFU with SCCM

- 1. In your distribution point put the DFU Tool
- 2. Create a new Application and choose manually specify application information

📩 Create Application Wizard	d		×
General			
General	Specify setting	as for this application	
General Information	opeony setting		
Software Center			
Deployment Types			
Summary	Applications conta Applications can o	an software that you can deploy to users and devices in your Configuration Manager environment. contain multiple deployment types that customize the installation behavior of the application.	
Progress			
Completion			
	<ul> <li>Automatically d</li> </ul>	letect information about this application from installation files:	
	Туре:	Windows Installer (*.msi file)	
	Location:	Browse	
		Example: \\Server\Share\File	
	<ul> <li>Manually speci</li> </ul>	fy the application information	
		< Previous Next > Summary Cancel	

#### 3. Fill out the General Information

******				
General Informat	tion			×
General General Information Software Center	Specify information a	about this application		
Deployment Types	Name:	Logitech Device Updater		
Summary Progress	Administrator comments:	Udpating Logitech Keyboards a	and Mice	\$
Completion	Publisher:	Logitech	Software version:	
	Administrative categories:	"Logitech Desktop Software"	^ ~	Select
	Date published:	9/22/2021		
	Specify the administrative us	sers who are responsible for this ap	pplication.	
	Owners:	aberns.adm		Browse
	Support contacts:	aberns.adm		Browse
		< Previous	Next > Summa	ry Cancel

4. Fill out the details for the Software Center. You can add the icon from the DFU Tool as well.

🛅 Create Application Wizard	1		×
Software Center			
General General Information	Specify the Software Cen	ter entry	
Deployment Types Summary Progress	Specify information about how you provide information in a specific lang	want to display this application to users when they bro guage, select the language before you enter a descrip	wse the Software Center. To tion.
Completion	Selected language:	English (United States) default $\qquad \lor$	Add/Remove
	Localized application name:	Logitech Device Updater	
	User categories:	"Logitech Firmware"	Edit
	User documentation:		Browse
	Link text:		
	Privacy URL:		
	Localized description:		
			<
	Keywords:		
	Icon:		Browse
	Display this as a featured app ar	nd highlight it in the company portal	
		< Previous Next > So	ummary Cancel

### 5. Add a deployment Type

한 Create Application Wizar	d		×
Deployment Typ	bes		
General General Information Software Center	Configure deployment types and application	the priority in which they v	vill be applied for this
Deployment Types Summary	Deployment types include information about the	e installation method and the source fi	es for this application.
Progress Completion	Deployment types:	Increase Priority	Decrease Priority
	Filter		2
	Priority Name Type Languages There a	are no items to show in this view.	
		Add Edit	Copy Delete
		< Previous Next >	Summary Cancel

### 6. Choose a Scripted Installer

### 7. Enter the General Information, specifically the name

🚉 Create Deployment Type	Wizard		×
General Informa	ition		
General General Information Content	Specify general info	rmation for this deployment type	
Detection Method User Experience Requirements	Applications can have any specify how the content is	number of deployment types. Deployment types include links to content and settings that delivered.	
Dependencies	Name:	Logitech Device Updater	
Summary	Administrator comments:		
Progress			
Completion			
	Languages:	∧ Select	
		×	
		< Previous Next > Summary Cancel	

- 8. Download the Logitech\_dfu.exe from this link
- 9. Select the folder that contains the Logitech\_dfu.exe file
  - a. Set the Installation Program:

logitech\_dfu.exe /available /list /fw\_version /pop-up /wait /timeout 86400 /output c:\Windows\temp\dfu\_log.txt /upgrade\_latest

b. There is no uninstaller for this

🚞 Create Deployment Type	Wizard		×
Content			
General General Information	Specify information about t	he content to be delivered to target devi	ces
Content Detection Method User Experience Requirements	Specify the location of the deployment devices. All the contents in the path sp	t type's content and other settings that control how content i pecified will be delivered.	s delivered to target
Dependencies	Content location:	\\sccm2\! DFU	Browse
Summary Progress	Persist content in the client cache		
Completion	Specify the command used to install th	nis content.	
	Installation program:	/fw_updatestest.zip?inline=false" /upgrade_latest	Browse
	Installation start in:		
	Configuration Manager can remove in	stallations of this content if an uninstall program is specified b	pelow.
	Uninstall program:		Browse
	Uninstall start in:		biomac
	Rup installation and uninstall program	ram as 32 hit process on 64 hit clients	
		ann as 32 uir process on 64 uir cilenis.	
		< Previous Next > Summ	ary Cancel

### 10. Choose a Script as the detection method and choose $\mbox{\bf Edit}$

🚉 Create Deployment Type	Wizard	×
Detection Metho	od	
General General Information Content Detection Method User Experience Requirements	Specify how this deployment type is detected Specify how Configuration Manager determines whether this deployment type is already present on a device. This detection occurs before the content is installed or when software inventory data is collected.	
Summary Progress Completion	Consigure rules to detect the presence of this deployment type:	
	< Previous Next > Summary Cancel	

#### 11. Set the Script Detection method to $\ensuremath{\textbf{PowerShell}}$ with the following Script

<pre>try {     if (select-string -Path C:\Windows\temp\dfu_log.txt -Pattern "Unifying receiver is up to date     -ErrorAction Stop) {         Write-Host "updated"         remove-item C:\Windows\temp\dfu_log.txt -force -erroraction stop     }     else {         }     }     catch {}</pre>	
🖬 Script Editor	×
<pre>Specify the script that will be used to detect this application To view the contents of an existing script as a starting point, click the Open button. Opening a script will clear previously entered script data. Script type:     PowerShell     Open Open</pre>	any ear fying ( top
<	>
Open in code editor	
ОК	Cancel

- 12. Click **OK** to finish the detection
- 13. At the user experience make the following settings
  - a. Installation Behavior: Install for System if resource is Device; otherwise install for user
  - b. Logon Requirement: Only when a user is logged on
  - c. Installation Visibility: Normal

🚵 Create Deployment Type	Wizard	X
User Experience		
General General Information Content Detection Method	Specify user experience setting	s for the application
Requirements	Installation behavior:	Install for system if resource is device; otherwise install for user $\sim$
Dependencies	Logon requirement:	Only when a user is logged on $\checkmark$
Summary	Installation program visibility:	Normal
Progress		Allow users to view and interact with the program installation
Completion		
	Specify the maximum run time and estimated estimated installation time displays to the use	installation time of the deployment program for this application. The r when the application installs.
	Maximum allowed run time (minutes):	120
	Estimated installation time (minutes):	0
		< Previous Next > Summary Cancel

- 14. There are no requirements or Dependencies.
- 15. Click Next to finish up the process

📩 Create Application Wizard	1		×
Deployment Typ	es		
General General Information Software Center	Configure deployment type application	es and the priority in which the	/ will be applied for this
Deployment Types Summary	Deployment types include information	about the installation method and the sourc	e files for this application.
Progress	Deployment types:	Increase Priority	Decrease Priority
completion	Filter		Q
	Priority     Name       1     Logitech Device Updater	Type Languages Script	Сору Delete
		< Previous Next >	Summary Cancel

16. Deploy the Application



### 17. Select your collection

➡ Deploy Software Wizard			×
General			
General	Specify general info	ormation for this deployment	
Content	opoon) gonoranni		
Deployment Settings			
Scheduling			
User Experience	Software:	Logitech Device Update	Browse
Alerts	Collection:	and the	Browse
Summary	Collection.		biowac
Progress	Use default distributio	n point groups associated to this collection	
Completion	Automatically distribut	e content for dependencies	
	Comments (optional):		
			<u>^</u>
			~
		< Previous Next > Summa	ry Cancel

### 18. Select your Distribution

Deploy Software Wizard					×
Content					
General	Specify the cont	ent destination			
Deployment Settings Scheduling					
User Experience	Distribution points or distribution point groups that the content has been distributed to:				
Alerts	Name	Туре			
Progress	There are no items to show in this view.				
Completion					
	Additional distribution	points, distribution point groups,	and the distribution point gr	oups that are currently	
	associated with colle	ctions to distribute content to:			
	Filter			P Ada	d 🔻
	Name	Description	Associations	Ren	nove
	SCCM2.	. Distribution point			
		< Previo	us Next >	Summary	Cancel

19. IMPORTANT: Deployment type should be **Install** and **Available** NOT Required. This is due to the fact that the keyboard is unusable during the upgrade which could happen at any time. So for example: if the user is in the middle of a presentation, or critical work, they will lose keyboard input during this time.

➡ Deploy Software Wizard		×			
Deployment Settings					
General Content Deployment Settings	Specify settings to control how this software is deployed				
Scheduling					
User Experience	Action:				
Alerts	Purpose: Available 🗸				
Summary					
Progress	Allow and users to attempt to repair this application				
Completion					
	Nequire administrator approval in users request this application				
	< Previous Next > Summary (	Cancel			

#### 20. Set the Schedule

### 21. Set the User Experience to Display in Software Center and Show all Notifications

➡ Deploy Software Wizard	×			
User Experience				
General Content Deployment Settings Scheduling User Experience	Specify the user experience for the installation of this software on the selected devices			
User Experience Alerts Summary Progress Completion	Specify user experience setting for this deployment User notifications:  User notifications:  When software changes are required, show a dialog window to the user instead of a toast notification  When the installation deadline is reached, allow the following activities to be performed outside the maintenance window:  Software Installation  System restart (if required to complete the installation)  Write filter handling for Windows Embedded devices  Commit changes at deadline or during a maintenance window (requires restarts)  If this option is not selected, content will be applied on the overlay and committed later.			
	< Previous Next > Summary Cancel			

#### 22. Set Alerts if required