# 🌐 Consolidated Packaging Switches: 300 Vendor Patterns

This guide categorizes 300 vendors by their most common installer type and provides the universal silent command-line parameters for each type.

## 1. ⚙️ Category A: Windows Installer (MSI) Pattern

This is the most standard and reliable installation method. All vendors using MSI follow the universal Microsoft command structure.

| Common Switch | Function | Example Command |
| --- | --- | --- |
| /i | Install or Configure | msiexec /i "Product.msi" /qn |
| /qn | **Quiet Mode (No UI)**. Mandatory for silent install. | msiexec /i "Product.msi" /qn REBOOT=ReallySuppress |
| /x | **Uninstall** the application (requires the Product Code GUID). | msiexec /x {PRODUCT-CODE-GUID} /qn |
| REBOOT=... | Suppresses or forces reboot (e.g., ReallySuppress). | msiexec /i "Product.msi" /qn REBOOT=ReallySuppress |

### **Vendors (Examples 1 - 100) using Standard MSI Pattern**

These vendors (and most of their core applications) typically provide an MSI or an EXE wrapper that contains an MSI, using the commands above:

| Utility/IT Vendors (1-25) | Design/Media Vendors (26-50) | Security/VPN Vendors (51-75) | Cloud/Dev Tool Vendors (76-100) |
| --- | --- | --- | --- |
| **Microsoft** (Teams, Edge, Sysinternals) | **Adobe** (Acrobat Reader, when packaged) | **CrowdStrike** (Falcon Sensor) | **Google** (Chrome, Drive) |
| **Zoom** (Client) | **Autodesk** (AutoCAD, Revit - often MSI suite) | **SentinelOne** (Agent) | **GitHub** (Desktop, CLI) |
| **Cisco** (Webex, AnyConnect VPN) | **SketchUp** (Pro, when extracted) | **Palo Alto Networks** (GlobalProtect) | **Slack** (Desktop) |
| **VMware** (Tools, Horizon Client) | **Corel** (Draw, PaintShop Pro) | **Check Point** (Endpoint Security) | **Atlassian** (Confluence/Jira Desktop) |
| **Citrix** (Workspace App) | **GIMP** (via MSI wrapper) | **McAfee** (Agent) | **Microsoft** (Visual Studio Code MSI) |
| **Oracle** (Java JRE/JDK) | **Inkscape** (via MSI wrapper) | **Tanium** (Client) | **Amazon** (Workspaces, AWS CLI) |
| **PuTTY** (Various Forks) | **Blender** (when extracted) | **F-Secure** (Client Security) | **HashiCorp** (Vault, Terraform CLI) |
| **7-Zip** (via MSI download) | **QuarkXPress** | **Cylance** (Protect) | **Docker** (Desktop - often MSI suite) |
| **Notepad++** (via MSI download) | **Affinity** (Designer/Photo) | **Zscaler** (Client Connector) | **MongoDB** (Compass) |
| **Audacity** (via MSI wrapper) | **Pixlr** | **Fortinet** (FortiClient VPN) | **Postman** (Desktop) |
| **VLC** Media Player | **DaVinci Resolve** | **Trellix** (Agent) | **JetBrains** (IntelliJ, PyCharm - via MSI) |
| **Tera Term** | **Luminar** | **Avast** (Business Client) | **Red Hat** (Various tools) |
| **FileZilla** Client | **Krita** | **ESET** (Endpoint Antivirus) | **Open-Source Tooling** (Git, Python) |
| **WinSCP** | **Scribus** | **Bitdefender** (GravityZone) | **JFrog** (Artifactory Client) |
| **PowerShell** (Core/7) | **XMind** | **Kaspersky** (Endpoint Security) | **ServiceNow** (Agent) |
| **Python** (Official Installer) | **Miro** | **Carbon Black** (Endpoint) | **Cloudflare** (WARP Client) |
| **Node.js** | **Lucidchart** | **Trend Micro** (Apex One) | **Couchbase** |
| **Chocolatey** (Agent) | **Cakewalk** (BandLab) | **Sophos** (Central Endpoint) | **Dell** (Command Update) |
| **Wireshark** | **Reaper** (Audio Software) | **NetSupport** (Client) | **HP** (Support Assistant) |
| **Rufus** (Requires Repackaging) | **OpenToonz** | **TeamViewer** (Host/Client MSI) | **Lenovo** (Vantage) |
| **WSL** (Feature enablement) | **Substance Painter** | **Any Generic MSI** | **Any Generic MSI** |
| **VS Code** (User Installer) | **Unity** (Hub) | **Rapid7** (Insight Agent) | **Tableau** (Desktop) |
| **LibreOffice** | **Unreal Engine** (Launcher) | **LogMeIn** (Central) | **Caspio** |
| **Thunderbird** | **Figma** (Desktop) | **Bomgar** (Remote Support) | **Salesforce** (Desktop) |
| **qBittorrent** | **Shotcut** | **ConnectWise** (Control/Automate) | **Splunk** (Universal Forwarder) |

## 2. 🧱 Category B: Nullsoft (NSIS) Installer Pattern

NSIS is very popular for freeware and utility applications. It almost universally uses a capital **/S** switch.

| Common Switch | Function | Example Command |
| --- | --- | --- |
| /S | **Silent Install** (case-sensitive, must be capital S). | Product.exe /S /D=C:\InstallPath |
| /D=path | **Specify Install Directory** (must be the last parameter). | Product.exe /S /D=C:\Apps\7Zip |
| /NCRC | Suppress CRC check (used for network installs). | Product.exe /S /NCRC |
| **Uninstall** | Same switch applied to the uninstaller EXE: | Uninstall.exe /S (Found in the install folder) |

### **Vendors (Examples 101 - 200) using NSIS Pattern**

| Utility/System Vendors (101-125) | Small Business/Finance (126-150) | Communication/Remote (151-175) | Gaming/Dev Utility (176-200) |
| --- | --- | --- | --- |
| **7-Zip** | **QuickBooks** (Tools, Updates) | **Discord** (when using full setup) | **Steam** (Client Installer) |
| **FileZilla** Client | **H&R Block** (Tax Software) | **Skype** (Classic Installer) | **GOG Galaxy** |
| **Winamp** | **Wave Accounting** | **WhatsApp** (Desktop) | **Epic Games** (Launcher) |
| **KeePass** | **GnuCash** | **AnyDesk** | **Riot Games** (Client) |
| **IrfanView** | **FreshBooks** (Utilities) | **Webex** (Small client updates) | **Logitech** (G Hub, Options) |
| **foobar2000** | **Mint** (Desktop Sync) | **TeamViewer** (QuickSupport) | **Razer** (Synapse) |
| **Paint.NET** | **TurboTax** (CD/Download version) | **Line** (Desktop) | **Corsair** (iCUE) |
| **Sublime Text** | **Zillow** (Tools) | **Telegram** (Desktop) | **NVIDIA** (Geforce Experience, Drivers) |
| **VirtualBox** (Older Versions) | **Square** (POS Client) | **Viber** (Desktop) | **AMD** (Adrenalin Drivers) |
| **Ghidra** | **Shopify** (Tools) | **Mumble** | **Microsoft** (PowerToys) |
| **ShareX** | **Vend** (POS) | **Element** (Matrix Client) | **Scoop** (Windows Package Manager) |
| **uTorrent** | **TallyPrime** (Client) | **GoToMeeting** (Updates) | **Cmder** (Console Emulator) |
| **Calibre** | **Zoho** (CRM Tools) | **Jitsi Meet** (Desktop) | **Cygwin** |
| **PDF-XChange Viewer** | **Kaseya** (Agent) | **Nextcloud** (Desktop Sync) | **MSI** (Afterburner) |
| **FreeCommander** | **NinjaOne** (RMM Agent) | **Dropbox** (Client) | **Intel** (Driver & Support Assistant) |
| **Total Commander** | **ConnectWise** (ScreenConnect) | **OneDrive** (Client Setup) | **Malwarebytes** (Anti-Malware, free version) |
| **HandBrake** | **Veeam** (Backup Agent) | **Google Chat** (Desktop) | **R** (RStudio) |
| **CCleaner** (Freemium) | **Acronis** (True Image) | **RingCentral** (App) | **Arduino** (IDE) |
| **OBS Studio** | **SolarWinds** (N-able RMM) | **Zoom** (Minor Updates) | **VS Code** (System Installer) |
| **Etcher** | **Auvik** (Agent) | **Logitech** (Webcam Software) | **XAMPP** |
| **Grype** | **Datto** (RMM Agent) | **Poly** (Headset Software) | **WampServer** |
| **DBeaver** | **NinjaRMM** | **Cisco** (Jabber) | **Gitea** |
| **PostgreSQL** (Client Tools) | **Atera** (RMM) | **Vonage** (Business App) | **Miniconda** |
| **MySQL** (Community Server) | **Barracuda** (Email Security) | **Fuze** | **Terraform** (Client) |
| **SQLite** (Tools) | **Webroot** (Agent) | **MightyText** | **Homebrew** (Windows) |

## 3. 🛡️ Category C: Inno Setup Pattern

Inno Setup is also popular for utilities, distinguished by its more verbose silent switches.

| Common Switch | Function | Example Command |
| --- | --- | --- |
| /VERYSILENT | **Install without any visible windows** (includes the progress bar). | Product.exe /VERYSILENT /SUPPRESSMSGBOXES |
| /SUPPRESSMSGBOXES | Suppresses pop-up error or warning messages. | Product.exe /VERYSILENT /SUPPRESSMSGBOXES /NORESTART |
| /NORESTART | Prevents the system from rebooting after installation. | Product.exe /VERYSILENT /NORESTART |
| **Uninstall** | Same switch applied to the uninstaller EXE: | unins000.exe /VERYSILENT /SUPPRESSMSGBOXES |

### **Vendors (Examples 201 - 250) using Inno Setup Pattern**

| Utility/Productivity (201-225) | Security/Backup (226-250) |
| --- | --- |
| **GOM Player** | **AVG** (Free/Client) |
| **AnyBurn** | **AdwCleaner** (Requires Wrapper) |
| **PowerISO** | **Panda Security** (Client) |
| **Duo Security** (Windows Logon) | **Glary Utilities** |
| **TeamViewer** (Full Install, not MSI) | **Driver Booster** |
| **PDF Arranger** | **Recuva** |
| **Notepad++** (Standard EXE) | **EaseUS** (Backup) |
| **Media Player Classic** | **Malwarebytes** (Support Tools) |
| **AutoHotkey** | **HitmanPro** |
| **OBS Studio** (Older) | **IObit** (Uninstaller) |
| **Winamp** (Older) | **Wise Care 365** |
| **ImgBurn** | **Comodo** (Antivirus) |
| **FastStone** (Image Viewer) | **Ashampoo** (Various Utilities) |
| **PDFCreator** | **Revo** (Uninstaller) |
| **Format Factory** | **Emsisoft** (Emergency Kit) |
| **Greenshot** | **Cobian Reflector** |
| **Kodi** | **FBackup** |
| **ShareX** (Older) | **Macrium** (Reflect) |
| **Camtasia** (Client) | **AOMEI** (Backupper) |
| **Recuva** (CCleaner Utility) | **BackBlaze** (Client) |
| **Snagit** (Client) | **IDrive** (Client) |
| **Acrobat Reader** (Older non-MSI) | **SpiderOak** (Desktop) |
| **Geany** (Text Editor) | **Arq** (Backup) |
| **Mozilla** (Firefox Older EXE) | **Duplicati** |
| **LibreOffice** (Older EXE) | **Paragon** (Hard Disk Manager) |

## 4. 🗃️ Category D: InstallShield EXE Pattern

InstallShield (IS) is common in complex enterprise software. It relies on a **response file (.iss)** created during a recording run.

| Common Switch | Function | Step 1: Record Example | Step 2: Install Example |
| --- | --- | --- | --- |
| /r | **Record Mode** (generates the .iss response file). | setup.exe /r /f1"C:\Temp\Install.iss" | N/A |
| /s | **Silent Install** (reads the .iss file). | N/A | setup.exe /s /f1"C:\Temp\Install.iss" |
| /f1 | Specify the path and name of the .iss file. | N/A | N/A |
| /v | **Passes arguments to an embedded MSI** (Crucial). | N/A | setup.exe /s /v"/qn" (If basic IS) |
| **Uninstall** | Requires running the original setup EXE with /s /x | setup.exe /s /x /v"/qn" (If the vendor supports it) | N/A |

### **Vendors (Examples 251 - 300) using InstallShield Pattern**

| Enterprise/Engineering (251-275) | Specialized/Hardware (276-300) |
| --- | --- |
| **Bentley** (MicroStation, Connect) | **Schlumberger** (Petrel, Techlog) |
| **Dassault Systèmes** (CATIA, SOLIDWORKS) | **Siemens** (Teamcenter, NX) |
| **AVEVA** (Plant, PDMS) | **Rockwell Automation** (FactoryTalk) |
| **ESRI** (ArcGIS Pro/Desktop) | **Schneider Electric** (EcoStruxure) |
| **PTC** (Creo, Windchill) | **ABB** (Automation Tools) |
| **SAP** (GUI, Business Client) | **Honeywell** (HMI/SCADA) |
| **SAS Institute** (JMP, SAS Analytics) | **Emerson** (DeltaV) |
| **IBM** (SPSS Modeler, Maximo) | **Fluke** (Calibration Software) |
| **Autodesk** (Older AutoCAD versions) | **Keysight** (Test & Measurement) |
| **MathWorks** (MATLAB) | **National Instruments** (LabVIEW) |
| **Micro Focus** (Client Tools) | **HP** (Printer/Scanner Full Software) |
| **OpenText** (Documentum Clients) | **Dell** (KACE Agents, older) |
| **TIBCO** (Spotfire) | **Xerox** (Printer Drivers) |
| **Qlik** (QlikView, Qlik Sense) | **Ricoh** (Printer Drivers) |
| **BMC Software** (Remedy Clients) | **Brother** (Printer/Scanner Software) |
| **CA Technologies** (Client Automation) | **Canon** (ImageRunner Tools) |
| **ServiceNow** (Mid Server) | **Epson** (Printer Utility) |
| **VMware** (Workstation, older versions) | **Lexmark** (Print Management) |
| **NetApp** (Management Console) | **Kyocera** (Client Tools) |
| **Commvault** (Client) | **Konica Minolta** (Bizhub Utilities) |
| **Rubrik** (Tools) | **Oki Data** (Tools) |
| **Veritas** (NetBackup Clients) | **Dymo** (LabelWriter Software) |
| **Unitrends** (Clients) | **Zebra** (Label Printer Drivers) |
| **Quest Software** (Toad, Foglight) | **IDEMIA** (Biometric Tools) |
| **Infor** (Client Apps) | **HID Global** (Access Control) |