InstallAware

A Simple Solution for Windows, macOS, Linux

What Makes InstallAware Different?

- ✓ One-click recompiles of Windows setups on macOS and Linux

- ✓ Parallel Build Engine offering 16X faster builds on modern CPUs

- ✓ Two-Way Integrated IDE (designers emitting & reflecting code)

- ✓ 64 bit compression with up to 90% size reduction

- ✓ Partial Web Deployment for a stand-alone setups without Internet

- ✓ Easily customized Dialogs for painless software development

- ✓ Competitive pricing and upgrades from InstallShield & Wise

- ✓ Precise, up-to-date, visual Windows Feature & Server Role edits

- ✓ Azure DevOps integration enabling "work from home"

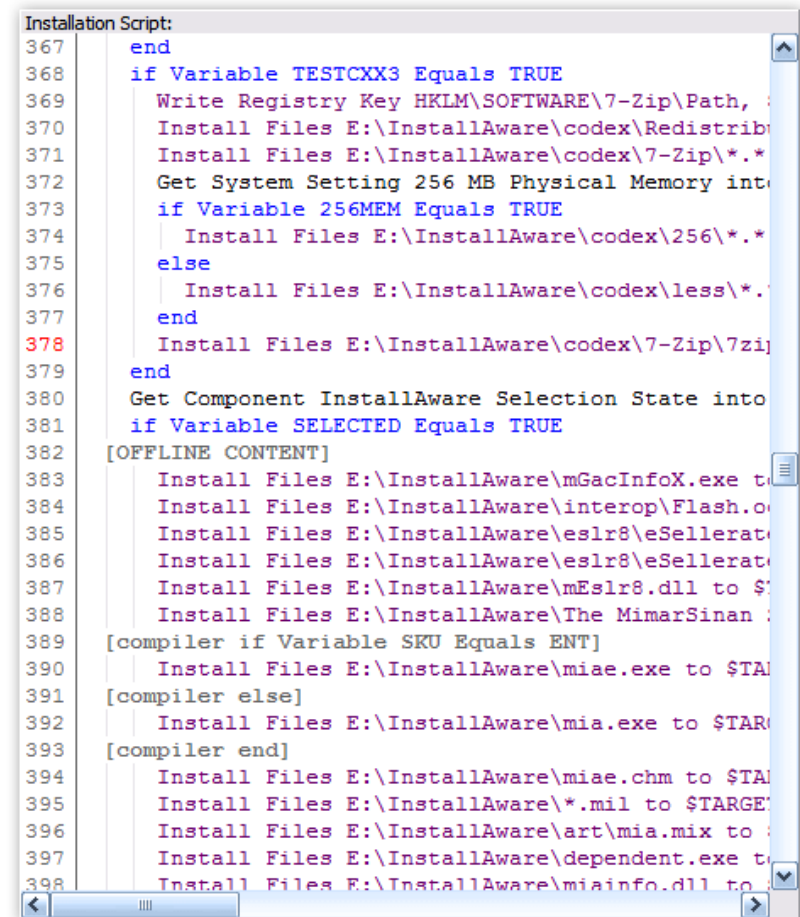- ✓ Visual MST Transformer, fastest snapshot-less Setup Capture

InstallAware at a Glance

- Founded in 2003 by former InstallShield employees

- Automatically builds logo-compliant Windows Installer Packages

- Streamlines the development process by using MSIcode scripting, a powerful abstraction of Windows Installer technology

- Employs simplified scripting procedures and easy to use features like drag-drop commands and visual wizards

- New InstallAware Multi Platform ships native code (no Java!) IDEs, setup engines, and toolchains for macOS and Linux

- Script commands automatically mutate to support underlying OS nuances without bloating code with platform conditionals

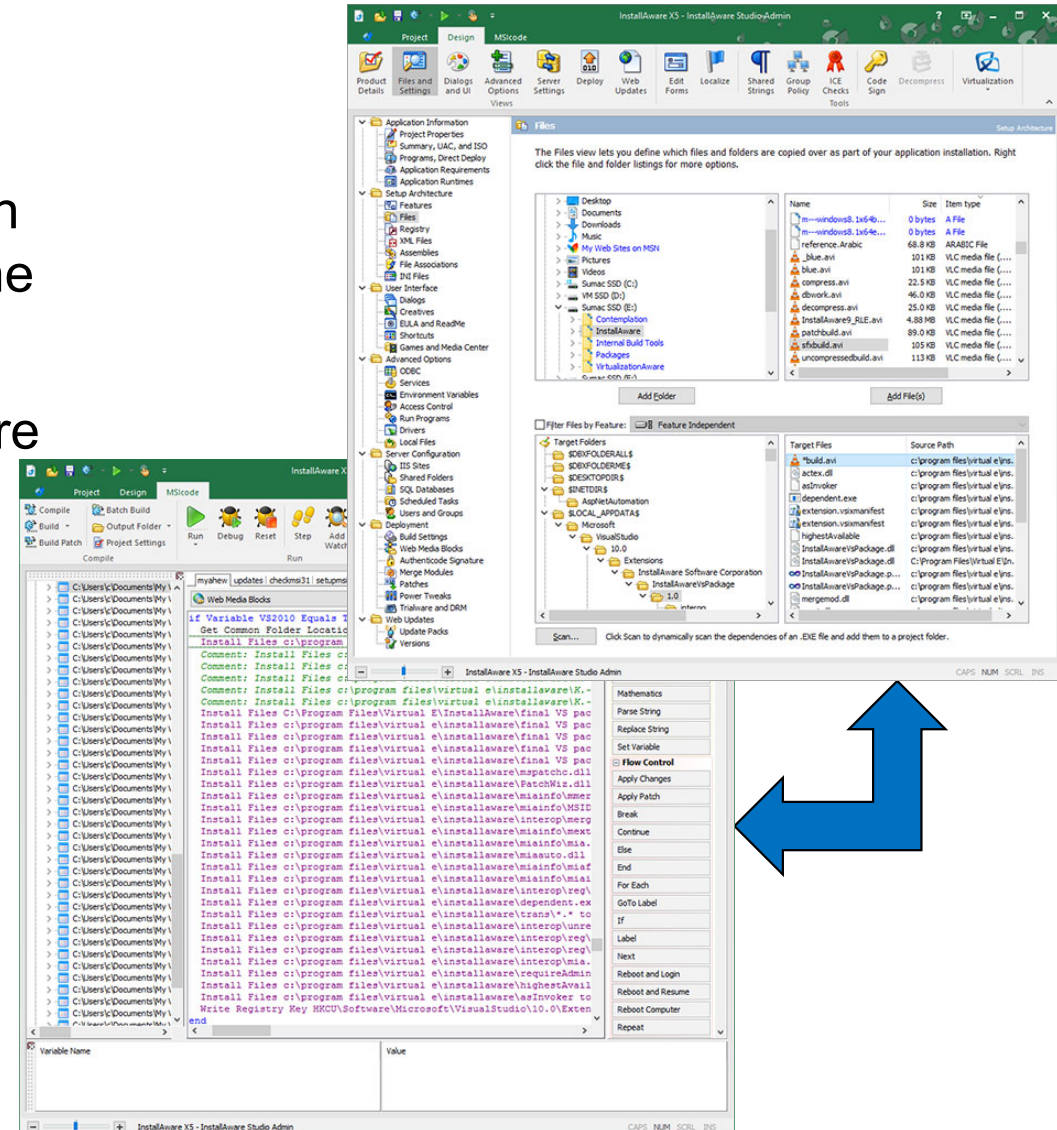- Support for Apple Notarization on macOS, GTK2 and Qt5 on Linux

MSIcode: A Simple Way to Build Setups

- MSIcode = Custom script developed specifically for Windows Installer.

- Eliminates need to learn the internals of Windows Installer.

- Execute Windows Installer commands within the confines of Windows Installer. No need for a separate scripting engine.

- Eliminate custom action authoring with simple drag and drop script commands.

- Your MSIcode script is automatically built into a Windows Installer MSI database at build time.

```
Installation Script:
367     end
368     if Variable TESTCXX3 Equals TRUE
369         Write Registry Key HKLM\SOFTWARE\7-Zip\Path,
370         Install Files E:\InstallAware\codex\Redistrib
371         Install Files E:\InstallAware\codex\7-Zip\*.*
372         Get System Setting 256 MB Physical Memory int
373         if Variable 256MEM Equals TRUE
374             Install Files E:\InstallAware\codex\256\*.*
375         else
376             Install Files E:\InstallAware\codex\less\*.
377         end
378         Install Files E:\InstallAware\codex\7-Zip\7zi
379     end
380     Get Component InstallAware Selection State into
381     if Variable SELECTED Equals TRUE
382 [OFFLINE CONTENT]
383         Install Files E:\InstallAware\mGacInfoX.exe t
384         Install Files E:\InstallAware\interop\Flash.o
385         Install Files E:\InstallAware\eslr8\eSellerat
386         Install Files E:\InstallAware\eslr8\eSellerat
387         Install Files E:\InstallAware\mEslr8.dll to $
388         Install Files E:\InstallAware\The MimarSinan
389 [compiler if Variable SKU Equals ENT]
390         Install Files E:\InstallAware\miae.exe to $TA
391 [compiler else]
392         Install Files E:\InstallAware\mia.exe to $TAR
393 [compiler end]
394         Install Files E:\InstallAware\miae.chm to $TA
395         Install Files E:\InstallAware\*.mil to $TARGE
396         Install Files E:\InstallAware\art\mia.mix to
397         Install Files E:\InstallAware\dependent.exe t
398         Install Files E:\InstallAware\miainfo.dll to
```

Two-Way Integrated IDE

- Easy to use two-way interface.

- Changes made in the visual design are automatically integrated into the underlying MSIcode.

- Changes made in the code view are immediately shown in the visual design.

- Drag and drop commands.

- Visual Wizards.

- Context Menu Bridge for Windows 11.

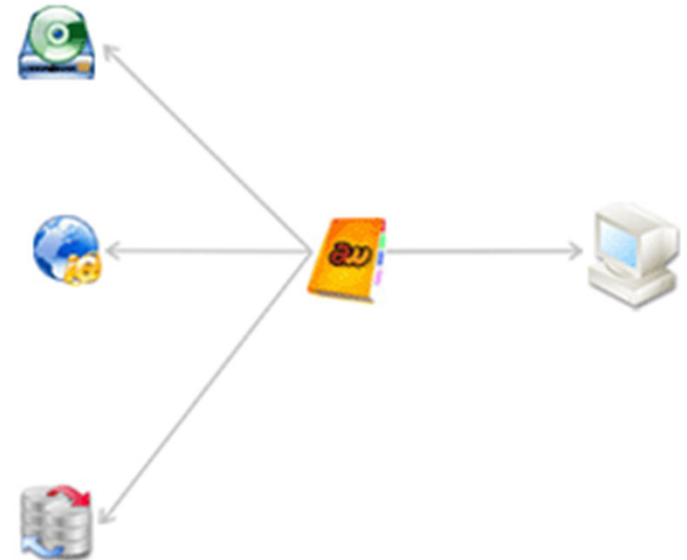- Parallel Build Engine for 16X build acceleration.

64 bit Compression: 90% Smaller Setups

- InstallAware utilizes a unique decompression and re-compression procedure to provide ultimate space-saving compression ratios.

- Results = best compression rates in the industry.

- Parallel Build Engine delivers **16X faster builds** on modern CPUs

- New **64 bit compression** builds setups that are 90% smaller than their source apps and data.

- **Runtimes as small as half their already-compressed Microsoft sizes!**

Redistributable	Regular	InstallAware	Size Gains
Microsoft SQL Server 2022	**266 MB**	**235 MB**	**11%**
Microsoft .NET Framework 4.8.1	**74 MB**	**73.1 MB**	**2%**
Microsoft .NET 1.1	23,697 KB	12,338 KB	48%
Microsoft .NET 1.1 with Service Pack 1	34,150 KB	11,403 KB	67%
Microsoft .NET Framework 4.5.2	**66.8 MB**	**55.6 MB**	**17%**
Microsoft SQL Server 2016 with SP1	**411 MB**	**255 MB**	**38%**
Microsoft .NET 3.5 (including .NET 2.0 SP1 and .NET 3.0 SP1)	201,848 KB	131,438 KB	35%
Microsoft SQL Server Express 2005	54,791 KB	33,036 KB	40%

Partial Web Deployment

- Remove large technology dependencies from setup packages and deploy them as needed.

- Source files for a setup may be read from:
  - The main setup.exe file
  - Physical media: CD/DVD
  - Network file server
  - FTP server, HTTP/HTTPS server
  - Torrent file, Magnet link

- Several setups may share the same source location. Multiple redundant sources allowed.

- When a setup is running, it will attempt to access the source locations only if necessary.

- When a download fails due to a connection problem, setup automatically resumes without requiring manual user intervention.

Setup Themes and Customizable Dialogs

- Choose from 18 pre-built themes or create your own

- Build custom dialogs using 43 unique control types

- Create interactive billboards

- No manual coding required

- Improve end-user experience

- First to support Mica, Dark Mode, Acrylic, Aero Glass

- A single setup binary scales down-level, gracefully

- First to ship transition effects (slide and fade)

Competitive Pricing and Packaging

InstallAware

- ✓ Premium Product Price: 2,398
- ✓ Competitive Upgrades: 34% discount
- ✓ Affordable floating licenses
- ✓ Low-cost maintenance options
- ✓ FREE unlimited web-updates
- ✓ No license servers
- ✓ Unlimited command line builds
- ✓ No online activation
- ✓ Integrated setup engine
- ✓ Modern look in setup wizards
- ✓ Full runtime decision making
- ✓ One-click macOS/Linux recompile

InstallShield

- ❖ Premium Product Price: 7,423
- ❖ Competitive Upgrades: NONE
- ❖ No floating licenses
- ❖ Average cost maintenance options
- ❖ Limited number of web-updates
- ❖ Complex license server setup
- ❖ No free command line builds
- ❖ Online activation mandatory
- ❖ Bifurcated setup engine
- ❖ 90's look and feel in setup wizards
- ❖ Very limited runtime decisions
- ❖ macOS/Linux disjoint product

Additional Key Benefits

- One-click patching with binary/differential delta creation

- Suite Installation Wizard to merge multiple third party setups into a master installation

- Gain critical business intelligence through installs/updates/uninstalls

- Full-stack ARM64 Platform (Qualcomm Snapdragon Cellular PC) Support

- Check for (and opt to exclude) virtualized operating systems

- Install drivers on x86, x64, and ia64 platforms

- Run SQL Scripts on Microsoft 2022, Oracle 18c, or MySQL 8.x database servers

- Upgrade InstallShield, Wise, NSIS, Inno Setup projects

- Extend the IDE directly with custom plug-ins that participate in the build and at runtime

- Install-time setup mutation – dynamically define/delete features, apply custom logic

- Create new IIS websites, virtual folders, application pools

- Configure advanced service properties, define multiple service failure actions

Contact Information

Contact Information:

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Install**Aware** has been recognized by multiple awards coming from Microsoft, SDTimes **"Leader of the Software Development Industry"**, Visual Studio Magazine **Reader's Choice**, ComponentSource, WindowsITPro, among other recognition.

Helpful Links

•Company Website:
http://www.installaware.com

•Peer Support Forums:
http://www.installaware.com/forum/

•Online Ordering:
http://www.installaware.com/buydirect.asp