InstallAware

A Simple Solution for Windows Installer

What Makes InstallAware Different?

✓ Support for ETH blockchain payments and records

✓ Support for Torrent/Magnet decentralized downloads

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

✓ 64 bit compression with up to 90% size reduction

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

✓ Easily customized Dialogs for a better development experience

✓ 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

- Designed to support Windows Installer—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

- Includes InstallAware's own Native Code Setup Engine for the industry's fastest and most resilient setups

- Includes InstallAware's own 64-bit Compression Engine for the industry's smallest and most scalable setups
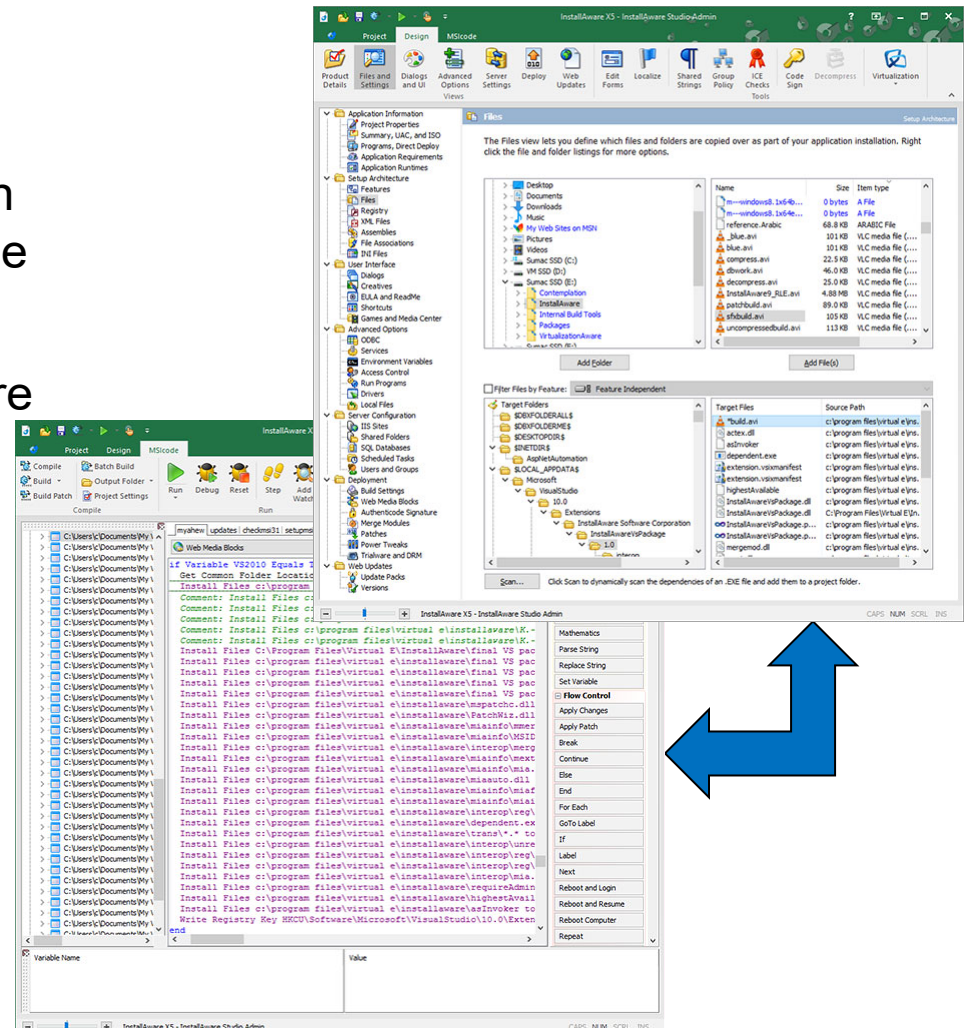
MSIcode: A Simple Way to Build Setups

- 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.
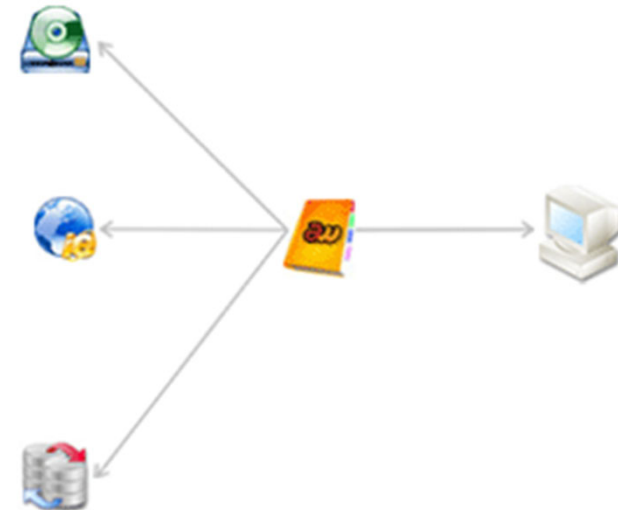
64 bit Compression: 90% Smaller Setups

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

- Results = best compression rates in the industry.

- Utilizes advanced **LZMA encoder** and **BCJ2 filters**.

- 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!**

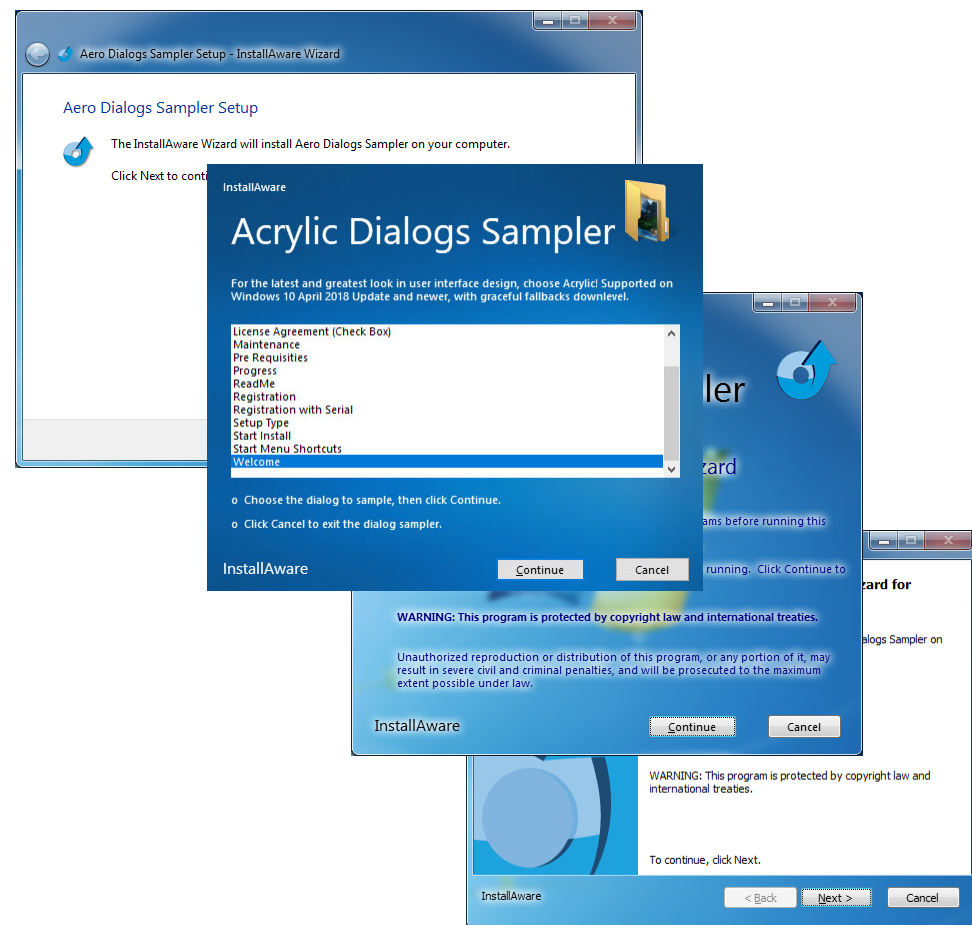| Redistributable	Regular	InstallAware	Size Gains
Microsoft SQL Server 2019	**249 MB**	**223 MB**	**11%**
Microsoft .NET Framework 4.8	**111 MB**	**106 MB**	**5.5%**
Microsoft .NET 1.1	23,697 KB	12,338 KB	48%
Microsoft .NET 1.1 with Service Pack 1	34,150 KB	11,403 KB	67%
Microsoft .NET Framework 4.5.2	**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

- 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 rich interactive dialogs with 43 unique control types

- Create flash/HTML billboards

- No manual coding required

- Improve end-user experience

- First to support Acrylic

- First to ship Microsoft Fluent Design System Theme

- 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

InstallShield

- ❖ Premium Product Price: 4,999
- ❖ 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

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 2019, 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 process

- Runtime 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