

2018 Synergy/DE

Product Roadmap



This Roadmap communicates Synergex's current plans for extending the Synergy/DE product suite. Synergex is committed to advancing Synergy/DE to ensure long-term growth and success for developers creating and extending Synergy-based solutions.

Planning Objectives

When planning future versions of Synergy/DE, our objectives are to:

- Provide access to emerging technologies and platforms
- Enhance developer productivity and the Synergy developer experience
- Enable developers to retain their investments in their Synergy solutions
- Evolve Synergy/DE on all supported platforms: Linux/Unix, OpenVMS, and Windows
- Incorporate ideas from Synergy developers into our plans
- Provide Synergy integration with the latest Microsoft Visual Studio® tools
- Deliver frequent, incremental updates

Release Frequency

New Synergy/DE runtime revisions with new features are typically released every 12 to 18 months, and patches with fixes are released every 3 to 6 months. New SDI developer builds (Synergy DBL Integration with Visual Studio) are released when new features are available and to support Microsoft Visual Studio releases. SDI releases support a maximum of three concurrent Visual Studio versions (the latest release of each version), as well as any Synergy runtime version back to 10.1.1d for Synergy .NET and 9.5.3 for traditional Synergy.

Current Focus

Our Synergy/DE development team is currently focused in the following areas:

- **Cloud-based license key server.** Simplifying license management processes by providing automatic installation and update of Synergy product keys on customer systems.
- **Traditional Synergy development in Visual Studio.** Enhancing the developer experience for creating traditional Synergy applications in Visual Studio.
- **Visual Studio Integration.** Keeping up with Microsoft so developers can continue to use the latest Visual Studio features for Synergy traditional or .NET development.
- **WiX installations.** Migrating Synergy/DE installations to the WiX Toolset to provide a better and more standard installation experience.
- **Security.** Enhancing security, specifically service security (xfServer and xfServerPlus).
- **Cloud licensing.** Researching how to support licensing Synergy applications in the cloud.

Upcoming Synergy/DE Releases



A timeline of upcoming Synergy/DE releases and their planned features. The version number for the v.next release has not yet been determined.

10.3.3f

- Incremental quality improvements
- SDI performance enhancements when editing large files

v.next

- Cloud-based product key retrieval
- Improved installation UI/UX (may require changes to your installations if you wrap Synergy/DE installation)
- Ability to export *xfServer* / *xfServerPlus* configuration file to re-import when upgrading or use as the default config file on a new machine
- Additional base class libraries for traditional Synergy development
- Unordered multi-schema Repository load in Visual Studio
- Support for SSL 1.1 on Windows, OpenVMS, and Linux systems that support it

2018 Q3

2019 Q1

10.3.3f Details

- Enhancements to Intellisense for traditional development (including removal of .NET base classes)
- Improved OLB build performance
- Support for NuGet Packagereference items for .NET Core
- Improved Visual Studio 2017 compatibility
- Additional C# language features, including ability to interoperate with assemblies using new C# language / .NET framework features such as Ref returns
- New requirement: VS 2013 no longer supported

v.next Details

- TLS 1.2 compliance enforced by default across product set
- Improved traditional debugging performance, e.g. expanding nested classes
- New way to wrap installs without using MSI directly
- Improved security compliance for *xfServerPlus*
- Extension method support in traditional Synergy
- More base class string methods
- More HTTP methods, including base 64 encode/decode

Features Under Consideration

The following features are under consideration for research and development. We are also considering features that have been submitted to the Ideas forum in Synergex's Resource Center Community. If you have ideas for improving or extending Synergy/DE, we encourage you to post them on the Ideas site for consideration. Also, if you are interested in any of the ideas that are already posted, we encourage you to add your input and votes for those features in the forum.

- Improved xServer software failover
- Cloud-enforced traditional licensing for Amazon Web Services and Azure
- Editor for Repository schema files in Visual Studio