Agile Business Suite Runtime 9.0 for Windows

Product Information Sheet

Unisys Agile Business Suite is a low-code development platform that enables IT organizations to rapidly build, deploy, run and maintain business-critical applications for multiple operating environments. Agile Business Suite Runtime for Windows provides the infrastructure that manages and supports applications that are generated by Agile Business Suite Developer and runs in Microsoft® Windows environment.

Product overview

Using Agile Business Suite Developer, you can define a platform-independent model (PIM) of a business application and generate it for: Microsoft Windows, Unisys ClearPath® MCP and ClearPath OS 2200. The generated solution can include online transactions, batch reports, the database, and a variety of end-user and programmatic interfaces.

Regardless of the platform choice, Agile Business Suite optimizes the generated solution for that operating environment.

Product highlights

Agile Business Suite Runtime for Windows supports:

- Generated transactions, reports and database tables that are optimized for the Windows environment
- Configurations where the database server is separate from the application server
- An infrastructure that includes database audit and recovery routines, so you don't need to code these high availability capabilities in the model yourself
- An administration utility and API, which manages the deployment and maintenance activities of the Agile Business Suite run-time components
- Intersystem communications mechanisms that enable generated Agile Business Suite solutions to seamlessly interact with other applications
- Bidirectional web services communication
- A wide range of front-end client options, including native ASP.NET MVC and WPF, as well as the classic component enabler-supported client types

Software requirements

AB Suite Runtime for Windows software requires one of the below:

- Windows Server 2022 Datacenter edition
- Windows Server 2019 Datacenter edition
- SQL Server 2019 Enterprise, Standard Editions

- .NET Framework 4.8

What's new?

New features enable near 24x7 availability of AB Suite Windows application, database and the ability to scale horizontally, including:

High availability of AB Suite application

- Ability to enable or disable the high availability feature in the admin tool. Using this feature, we can control the DB Reorg and other deployment processes for a distributed environment where the same database is used by multiple runtime applications on different servers.
- Ability to do 'Logic' ONLY change deployment when the application is running.
- DB Reorg to create schema logins in all replicas.
- Ability to persist HA settings in the database so that other runtime servers participating should be aware of it.
- Side by Side (SxS) changes for 9.0 so that one can install 8.0 Runtime or any lower version alongside 9.0 Runtime. You can deploy two different systems: one targeted for 8.0 Runtime and another for 9.0 and can perform Runtime transactions on them in parallel. Of course, each of these systems is generated by a developer for the corresponding Runtime.

Database high availability

- SQL Server Always On feature would help in running AB Suite for Windows Runtime database 24x7.
- Admin tool implementation of 'SQL Server Always On registration page' to connect to high-availability group.
- Ability to capture userid/pwd for connecting to the database to use SQL authentication, instead of Domain authentication.
- Ability to set 'MultiSubnetFailover' in connection string which is needed in failover operation.
- Command Line support for SQL Server Always On features.
- Ability to do failover from Admin tool.
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Ability to scale horizontally

New features, such as the ability to use Machine Name instead of Machine ID, enable applications to scale horizontally.

Summary

Agile Business Suite Runtime for Windows provides an enterprise-class infrastructure for your transaction-oriented business solutions. With Agile Business Suite, you can define, generate and run business-critical applications.

For more details, please visit our [support website](#) and look for the Software Qualification Matrix. Please email any questions to [absuite@unisys.com.](#)

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