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Agile Business Suite Runtime 10.0 for ClearPath® MCP Operating System

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 ClearPath® MCP Operating System provides the infrastructure that manages and supports applications generated by Agile Business Suite Developer and runs on Unisys ClearPath® MCP systems.

Product overview

Using Agile Business Suite Developer, you can define a platform-independent model (PIM) of a business application and generate it for: Unisys ClearPath® MCP, ClearPath® OS 2200 and Microsoft Windows.

The generated solution can include online transactions, batch reports, the database, and a variety of end-user or programmatic interfaces, including web services.

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

Product highlights

The Agile Business Suite solutions for ClearPath MCP generate COBOL85 programs and libraries. You then compile and deploy these generated components to the targeted MCP system.

As part of the generating process, Agile Business Suite automatically creates a DMS II database from the model used for storing all production data.

Agile Business Suite Runtime for ClearPath MCP Operating System is a framework that provides:

- Support for high-volume transactions and reports that are optimized for the COMS transaction manager
- Database audit and recovery routines so you don't need to code these high availability capabilities in the model yourself
- Built-in, application-level security to restrict or allow access to specific transactions or reports by user code or group
- Intersystem communications mechanisms that enable generated Agile Business Suite solutions to seamlessly interact with other applications, including those running in an open distributed transaction processing (Open DTP) environment, enabling a service-oriented architecture (SOA)
- Runtime transfer utility to easily move compiled Agile Business Suite solutions among production systems, thus providing consistency and audit ability

- Application program interfaces (APIs) for all supported end-user client options including those generated using Agile Business Suite and those developed with other tools

Software requirements

AB Suite Runtime for MCP requires one of the below:

- MCP Release 20
- MCP Release 21
- MCP Release 22

What's new?

AB Suite 10.0 contains the following new features:

Operate at Enterprise Scale

- Reorganize hundreds of database structures in a single operation using the DMSII DMREORG option, significantly reducing administrative complexity compared to traditional staged approaches.
- Seamlessly handles very large environments by automatically performing staged reorganizations when more than 2500 structures are involved.

Strengthen Security and Network Readiness

- Support for TLS 1.3 enables stronger encryption for application builds and client connections, while maintaining compatibility with TLS 1.2 where required.
- IPv6 support ensures readiness for modern network infrastructures across builds, client connections, and debugging scenarios.

Gain Finer Control Over Transactions

- Configure the MAXUPDATEPERTR parameter to control the maximum number of updates per transaction.
- This is useful for preventing any process from producing an excessive number of updates in one transaction.

Improve Visibility and Responsiveness

- Monitor long-running reports in real time using enhancements.
- Enable nonblocking report interaction so applications can respond dynamically to status requests and operational messages while executing.

Summary

With Agile Business Suite Runtime for ClearPath MCP, you can deploy a solution on the full range of MCP-based servers. Agile Business Suite Runtime for MCP provides a secure and robust environment for all your business-critical, transaction-oriented solutions.

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

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