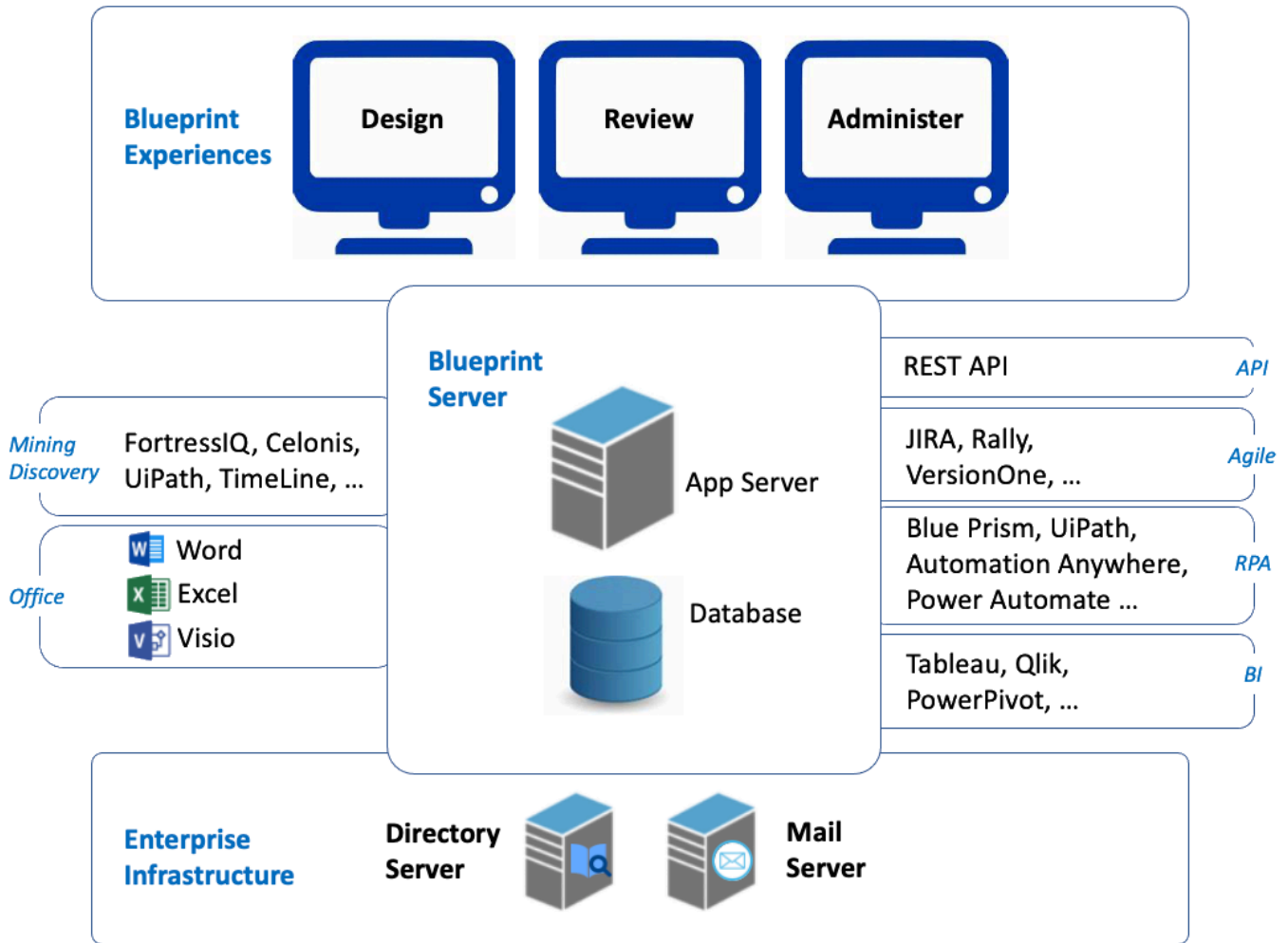


System Configuration

Architecture: Blueprint has a highly-scalable layered architecture leveraging modern Microsoft technologies.



Distributed-Server Install: To better scale with the needs of the organization, web and data tiers can be split onto separate dedicated servers. This is recommended for enterprise-level deployments.

	Client	Application Server	OOP/Integration Server(Optional)	Separate Database Server
Hardware	Recommended system specifications: <ul style="list-style-type: none"> • 2 GHz or faster 64-bit CPU (4-core strongly recommended) • 4 GB RAM 	<ul style="list-style-type: none"> • 2.5 GHz or faster • 8 64-bit CPU cores • 16 GB RAM • 1 Gbps connection recommended 	<ul style="list-style-type: none"> • 2.5 GHz or more • 4 64-bit CPU Cores • 12 GB RAM • 500 GB HDD 	<ul style="list-style-type: none"> • 2.5 GHz or faster • 8 64-bit CPU cores • 16 GB RAM • Shared 1 TB SAN
Software	<ul style="list-style-type: none"> • 64-bit OS: <ul style="list-style-type: none"> • Windows 8, 8.1, 10 • Web browsers: <ul style="list-style-type: none"> • Internet Explorer 11 (compatibility mode is not supported) • Chrome • Microsoft Edge v85 or later • Minimum resolution of 1280x1024 (1600x900 or higher recommended) • NET Framework 4.7.1* or higher • Microsoft Office 2010, 2013, 2016** 	<ul style="list-style-type: none"> • Windows Server 2012 (IIS 8) or Windows Server 2012 R2 (IIS 8.5) or Windows Server 2016 (IIS 10) • .NET Framework 4.7.1 or higher 	<ul style="list-style-type: none"> • Windows Server 2012 (IIS 8) or Windows Server 2012 R2 (IIS 8.5) or Windows Server 2016 (IIS 10) • .NET Framework 4.7.1 or higher 	<ul style="list-style-type: none"> • Windows Server 2012 or Windows Server 2012 R2 or Windows Server 2016 • SQL Server 2014 or 2016 <ul style="list-style-type: none"> • Full-Text Search (FTS) • Semantic Search

*only required for authoring document templates

** required for Blueprint Analytics and authoring document templates

Data Tier Configuration

- Only Windows Authentication mode supported between app server and data tier
- Account used for access must have the following privileges:
 - SELECT, INSERT, UPDATE, DELETE permissions on any object in the Blueprint database
 - EXECUTE permissions on any stored procedure in the Blueprint database
 - VIEW SERVER STATE server permission required for system diagnostics
- Database administrator permissions required only during installation and setup of the Blueprint server.

Network Configurations

- Blueprint operates successfully over standard LAN and WAN connections.
- Web tier: port 8080 or 443 (based on IIS and SSL configuration)
- Auxiliary services: port 9101
- The following TCP ports need to be open to the database server:
 - 139 & 445 for Windows authentication²
 - 1433 (or configured SQL port)
 - Analytics (if applicable): port 8082 or 443

2 - Refer to <https://technet.microsoft.com/en-us/library/dd772723%28v=ws.10%29.aspx?f=255&MSPPError=-2147217396>

About Blueprint

Blueprint Software Systems is a global software company and leading provider of digital process modeling, documentation, and optimization solutions that support the scaling of intelligent automation initiatives for large-enterprise clients. Our award-winning cloud-based platform, the Blueprint Enterprise Automation Suite, is used by Fortune 500 companies around the world to build Digital Blueprints, which enable teams to design and deliver higher-quality automated processes, faster. With numerous integrations into the leading RPA platforms, our customers use Blueprint to help them accelerate and scale their use of RPA, improve automation governance, reduce compliance risk and bot maintenance, and drive continuous improvement across their organization.

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