SYSTEM REQUIREMENTS Version 5.0

The following requirements are for Perspective™ **AIR** and **ICM** editions operating in a traditional LAN/WAN environment with the Web server component running on a separate Microsoft® IIS box. These specs are for planning purposes only and apply to Perspective™ V.5.0 and Focal Point™ V.1.2. Please contact your Resolver representative for a specific assessment of your needs.

*NOTE: Meeting the **Minimum** system requirements means you can run the application successfully, but it may not provide the best performance. Meeting the **Recommended** requirements will offer a significantly better experience.*

	MINIMUM	RECOMMENDED
CLIENT MACHINE		
Processor Speed	1.5 GHz	2 GHz+
Memory	1 GB	2 GB
Operating System	Windows® Vista SP 3, Windows® 7 SP 1, Windows® 8.1, Windows® 10	
.NET Framework	Version 4.5.2	
Web Browser – Launch Perspective	Internet Explorer® 11[7], Edge	
Web Browser – Web Portal	Internet Explorer® 11 or Edge[7], Chrome®, Safari® iOS 7, Android® Browser 4.2+	
Third Party Application	Adobe Reader® 9.4.0+ Sun Java® Runtime Environment 7 U71, 8 U25[1], QlikView® Analyzer Plug-in for IE[2]	
Mobile iOS App	iOS 7, iOS 8, iOS 9	
WEB SERVER MACHINE[3] (ON PREMISE ONLY)		
Available Disk Space[4]	1 GB	1 GB
Processor Speed	2 GHz	2 GHz Dual-Core
Memory	4 GB	4 GB
Operating System	Windows Server® 2012, Windows Server® 2012 R2, IIS® with Secure-Channel configured (HTTPS/SSL)	
.NET Framework	Version 4.5 with HTTP and non-HTTP activation	
C++ Runtime Libraries	C++ 2010 SP1 Runtime Libraries (x64) 10.40219	
QlikView® Server[5]	64-bit Version 11.20 SR1	
DATABASE SERVER MACHINE[3] (ON PREMISE ONLY)		
Available Disk Space	2 GB	20 GB+
Processor Speed	3 GHz	64-bit server dual-core or multi-processors
Memory	2 GB	4 GB+
Database Server[6]	SQL Server® 2008 SP4, SQL Server® 2008 R2 SP3, SQL Server® 2012 SP1, SQL Server® 2014	
Reporting Services	SQL Server® 2008, SQL Server® 2012 Reporting Services, SQL Server® 2014 Reporting Services	

1. This requirement only applies if using Visual Analysis.
2. This requirement only applies to Perspective Focal Point.
3. These requirements apply to systems with 5-25 users. For systems with 25+ users, contact your Resolver account manager for more information.
4. Depending on the size of the Perspective database, more disk space may be needed for Focal Point and Workflow.
5. This requirement applies only to Focal Point. A limited QlikView™ Server license is included with Focal Point.
6. Only SQL Server Enterprise Edition is supported for indexing on audit tables.
7. For Windows® Vista SP 3, IE 9 is supported. IE Compatibility View is not supported.

Deployment Note: The Perspective client is deployed as a ClickOnce application, launched from IE. It has a zero client footprint and doesn't require administrative rights to launch.

Network Note: If single sign-on authentication or add from Active Directory is used, Active Directory Services must be enabled on the Perspective Web Server.

Internet Note: Internet connectivity on the Client Machine is required for full functionality.