

System requirements

ActivityHD Explorer client

Operating System	Windows 10 or newer
Processor	2.0GHz or faster (multi-core processor preferred)
Memory	4 GB minimum (8 GB preferred)
Hard Disk Space	1 GB minimum
Network	100 Mbps or greater
Printers	<p>AccountingWare recommends a network-based printer which works with a global or universal print driver. Common drivers include:</p> <p>HP Universal Print Driver: https://support.hp.com/us-en/drivers/selfservice/hp-universal-print-driver-series-for-windows/503548</p> <p>Xerox Global Print Driver™: https://www.office.xerox.com/en-us/software-solutions/global-printer-driver</p> <p>Lexmark Universal Print Driver: http://www.lexmark.com/en_us/support/universal-print-driver.html</p>
Other	<p>Microsoft Excel (version 2016 or later with VBA support required to edit, view, or print custom financial statements)</p> <p>Microsoft 365. If using in lieu of Microsoft Office, requires a plan with access to desktop versions of the applications; minimum requirement is "Microsoft 365 Apps for business". <i>The cloud version of Microsoft 365 is NOT supported.</i></p> <p>Minimum screen resolution 1920 x 1080 or higher</p> <p>Dual monitors recommended</p> <p>Dot matrix printers not supported</p> <p>Crystal Reports 2008 license required to modify report designs</p>
Note	<p>ActivityHD Explorer can run in Terminal Services or Citrix environments</p> <p>Client machine must be part of a Windows domain</p> <p>Virtual environments supported</p>

ActivityHD Database Server

NOTE

The database server and ActivityHD server are often installed on the same machine.

Operating System	Windows Server 2022 (64-bit) (recommended) Windows Server 2019 (64-bit) (recommended) Windows Server 2016 (64-bit)
Software	Microsoft SQL Server 2022, Standard or Enterprise (64-bit) (recommended) Microsoft SQL Server 2019, Standard or Enterprise (64-bit) Microsoft SQL Server 2017, Standard or Enterprise (64-bit) Microsoft SQL Server 2016, Standard or Enterprise (64-bit)
Processor	Multi-core processors required
Memory	32 GB - 64 GB (depending on database size and number of users)
Hard Disk Space	100 GB minimum
Network	1 GigE or greater
Other	.NET Framework 4.0 SQL Server Integration Services (SSIS)
Note	ActivityHD Server and ActivityHD Database Server are frequently installed on the same physical system The database server machine must be part of a Windows domain Customer must provide remote access (using VPN technology) to the database server machine for implementation and support

ActivityHD Server

NOTE

The ActivityHD server and database server are often installed on the same machine.

Operating System	Windows Server 2022 (64-bit) (recommended) Windows Server 2019 (64-bit) (recommended) Windows Server 2016 (64-bit)
Processor	Multi-core processors required
Memory	32 GB - 64 GB (depending on database size and number of users)
Hard Disk Space	20 GB minimum (depending on company size and number of companies)
Network	1 GigE or greater
Other	SQL Server 2014 Native Client (supplied if not present) SQL Server 2012 Native Client (supplied if not present) Crystal Reports 2008 (supplied) Office Standard 32-bit: Excel and Word (2013 or later with VBA support) (desirable, but not required)
Note	ActivityHD Server and ActivityHD Database Server are frequently installed on the same physical system Virtual environments supported Server machine(s) must be part of a Windows domain Customer must provide remote access (using VPN technology) to the company server machine for implementation and support

ActivityHD Manager

If installing ActivityHD Manager on the server, follow the requirements for ActivityHD Server.

If installing ActivityHD Manager on the client, follow the requirements for ActivityHD Explorer client.

Client-server model

ActivityHD software uses a client-server model. ActivitySystem runs as a service listening for connection requests from multiple client software instances. RPC (Remote Procedure Call) is the protocol used to communicate between the ActivityHD client and the ActivityHD System server. This communication must be permitted from both directions: initiated from the client and initiated from the server to the client.

It is common to need to adjust the firewall settings by adding exceptions which allow the client to receive inbound messages for Activity.exe and Excel.exe; both can act as client connections to the ActivitySystem service.

For Windows 2016 and later, RPC must use a random TCP port in the range [1024-65535](#).