

S O F T W A R E

C S - 5

Client Server Software



Calsense is the premier resource for quality irrigation controllers, water saving accessories, and advanced management software. With nearly two decades of experience, our focus is on water conservation, labor savings and irrigation control. We're committed to providing our customers with powerful water management that works and is easy to use.

 **CALSENSE**[®]

making water work
since 1986

CLIENT SERVER

SOFTWARE

Calsense Command CENTER Client/Server software allows multiple users to maintain a common, shared central database for Calsense controllers. Multiple users can print reports and make controller-programming changes – all from a central location when operating on an IBM compatible PC.

DESCRIPTION

The Calsense Advantage Database Server is a complete, high performance client/server data management solution for networked database applications. The Database Server is easily installed on existing network infrastructures with no mandatory configuration requirements. The client/server architecture moves the processing of database requests to the server, where the data is stored, which dramatically reduces network traffic. An intelligent lock management system eliminates lock retried and network traffic leading to overall improved performance. User access control is maintained through an access control mechanism consisting of two database properties: login requirement and access rights verification. Further database security is maintained since only the Calsense Advantage application may access the databases. Non-Calsense Advantage applications will have no database access.

The Calsense Advantage Database Server provides database stability and eliminates database corruption by ensuring that every database operation is executed completely or is not executed at all. Entire database update operations are executed on the server. Therefore, if the application, workstation, or network fails, the database operation will either successfully be transmitted to the Database Server or not transmitted at all.

The network configuration consists of the following; a graphical user interface (GUI) installed on a workstation, a communication server located on the computer network (may also be installed at the work station) and the Database Server, which is located on the network (may also be installed at the work station) and must be accessible from the workstation. The Calsense Command CENTER software is required when using the Client/Server software.



SYSTEM REQUIREMENTS

Server Requirements

- Microsoft Windows 2000 Server, Windows Server 2003 (incl. R2), Windows Server 2008 (incl. R2), Windows Server 2012 (incl. R2), or Novell NetWare 5.x or later

Note: Virtualized hardware using Microsoft Hyper-V or VMware is supported as long as it meets the minimum system requirements. However, performance may be slower when working in a virtualized environment.

- 1 gigahertz (GHz) or higher 32-bit (x86) or 64-bit (x86_64) processor
- 1 gigabyte (GB) of RAM or higher
- 50 megabytes (MB) of available hard disk space on the system partition
- 1 gigabyte of available hard disk space on the volume where the database will be stored

Client Requirements

- Microsoft Windows 2000 (Server or Professional) SP4 or later, Windows XP Professional, Windows Vista (Business or Ultimate), Windows 7, Windows 8, Windows 8.1, Windows Server 2003 (incl. R2), Windows Server 2008 (incl. R2), or Windows Server 2012 (incl. R2)

Note: Virtualized hardware using Microsoft Hyper-V or VMware is supported as long as it meets the minimum system requirements. However, performance may be slower when working in a virtualized environment.

- 1 GHz or higher 32-bit (x86) or 64-bit (x86_64) processor
- 512 MB of RAM or higher
- 250 MB of free hard disk space on the system partition

MODEL NUMBERS

CS-5: Calsense client/server database software for up to 5-concurrent connections

CS-10: Calsense client/server database software for up to 10-concurrent connections; requires CS-5 to upgrade

2075 Corte del Nogal, Suite P • Carlsbad, CA 92011 • (760) 438-0525 • (800) 572-8608 • Fax: (760) 438-2619 • www.calsense.com