

CitectFacilities V7.0

Greener buildings that don't cost the earth

What's
NEW

CitectFacilities integrates all your facilities systems, including HVAC, lighting and access control across your entire enterprise to deliver a single facilities management and control solution. The software connects to multiple vendor hardware, in single or multiple sites.

This is achieved by connecting to open protocols including BACnet, LONWorks, EIB and OPC, favored within the building automation and facilities industry.

True client server architecture makes CitectFacilities highly flexible, ranging from an application within an apartment to very large multiple building, multiple site installations.

ADVANCED CLUSTERING

CitectFacilities V7.0 delivers a flexible approach to clustering your systems, whether your objective is centralization of operations, site expansion or improved reliability, V7.0's clustering enables organizations to reduce the number of control rooms and/or servers at each site. Alternatively, if you wish to expand your system or create specific subsystems, V7.0 allows you to extend your system functionality without incurring the high costs of upgrading or replacing redundant servers.

WEB CLIENTS

The CitectFacilities Web Client is a zero maintenance, fully functional client that is viewed using Internet Explorer.

CitectFacilities V7.0 offers a free web client in each server license. The web client allows the monitoring of facilities to be located on any PC within the business or in a central monitoring room. The Web client can be

called from the combined alarm list through "ad-hoc clustering" to permit the operator to locate the exact graphics page within the local facilities system.

CLIENT-SIDE ONLINE CHANGES

Client-side online changes ensure that operators can continue monitoring the plant whilst changes to the system are being deployed. V7.0's new online changes have been designed to minimize interruption whilst maintaining reliability and decreasing risk. Graphics, tags, alarms, trends and reports now update automatically when changes are made without the need for clients to be restarted. Changes can be made to any of the clustered servers. Once the server process(es) required by the change is restarted, the changes are instantaneously available to all clients across the network.

KNX DRIVER

KNX is an open standard for applications in the building and home automation industry and can be thought of as an extension of the European Integration Bus (EIB) standard, with additional physical layers and configuration modes built onto the EIB communication stack.

CitectFacilities V7.0 comes standard with a KNX driver which can be used to control a wide range of equipment and applications associated with building management, including lighting, heating, ventilation, air conditioning, security and energy management.

WHAT'S NEW IN V7

- Online Changes
- Advanced Clustering:
 - Operational Clustering
 - Ad-hoc Clustering
 - Reliable Clustering
- Redundant TCP/IP Networks
- New Cicode functions

BENEFITS AT A GLANCE

- Make significant cost savings
- Increase ROA by optimizing system and staff utilization
- Lower TCO by reducing the time it takes to deploy changes
- 'Change-validate-deploy' best practice offline changes
- Streamline project management

INVESTING FOR YOUR FUTURE

Invest in the future of your CitectFacilities system by accessing the latest releases and expertise.

Sign up for Citect Gold Support today and upgrade to V7.0!

Reliable, Flexible, Open

OPTIONS

Reporting

A powerful reporting tool that collects, historizes and delivers reporting data from single or multiple buildings. Unlike other historians, it utilizes 100% Microsoft SQL Server 2005 as its embedded historical data store.

Mobility

Provides an operator interface for the remote monitoring and control of your facilities anytime, anywhere. Tightly integrated with CitectFacilities, this easy-to-use offering enables operators to change set-points and outputs as well as acknowledging alarms.

SUPPORTED DEVICES

Controller Level

- M-Bus
- EIB
- LON
- BACnet
- Modbus/Modnet
- C-BUS
- OPC

Please consult the Citect website for a comprehensive list of devices that Citect support.

Microsoft
GOLD CERTIFIED
Partner



OPERATIONAL CLUSTERING

This release allows a client station to view alarms, trends, reports and graphics from multiple server groups across an entire facility, such as a multi-site campus of a hospital, university, exhibition center, sports facilities, etc.

V7.0 also allows users to combine projects from existing systems into a single project (using the same graphics and code) to achieve a common look and feel. All tags, alarms, trends, reports, accumulators and devices are selectable to the cluster on which they will be run. Any changes are replicated across all systems, allowing the multi-site system to be administered as a single site.

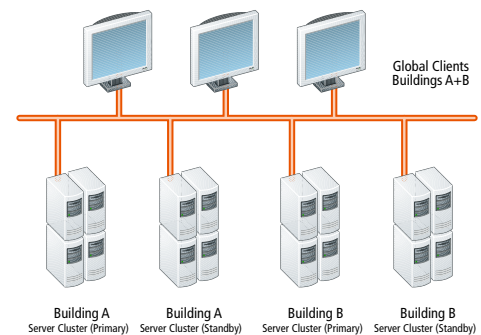
RELIABLE CLUSTERING

Reliable clustering is a proposition unique to CitectFacilities. A single server can operate as one half of a redundant pair for many remote servers. It is most beneficial in applications where the user has separate control systems scattered around the facility and requires a redundant system (without a redundant system at each local control center). It also works well for sites with a centralized server where particular processes need to be monitored through a local server with full alarm, trend and report functionality.

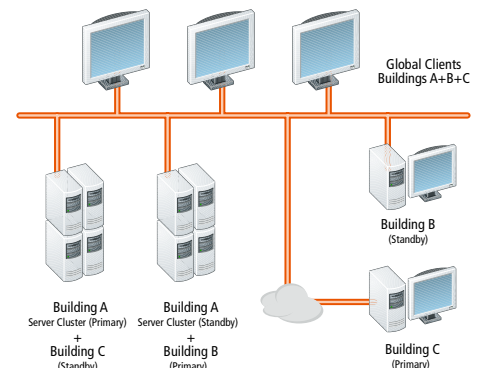
AD-HOC CLUSTERING

Another option is to view the alarms, trends and reports from multiple groups of servers without combining all the projects together into a single large project. This is the simplest form of clustering to implement; it requires

the servers to be CitectFacilities V7.0 and the clients to know the exact details of the cluster configuration from each of those servers. With this information the client is able to access all the alarm, trend and report information remotely.



ABOVE: Operational Clustering



ABOVE: Reliable Clustering

Contact Citect today at www.citect.com

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