

Facilities Monitoring



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IMPROVE TENANT SERVICE AND REDUCE OPERATING COSTS WITH CITECT'S FLEXIBLE SYSTEM FOR CENTRALIZED MONITORING OF MULTIPLE FACILITIES.

CitectSCADA Facilities is a specialized facilities monitoring system from Citect, a world leader in industrial automation and information management. CitectSCADA Facilities integrates climate, lighting and other controllable devices from multiple facilities, creating an enterprise-wide monitoring and control system.

CitectSCADA Facilities can be used to connect systems in any size building, complex or even a large integrated facility such as a ship.

By aggregating your building automation systems into a single system, facilities managers can lower operating costs and benefit from centralized monitoring of their real estate assets.

Implemented as either a standalone system or integrated with Plant2Business technology, CitectSCADA Facilities ensures continuous monitoring and control of facility functions.

CitectSCADA
Facilities

Increase reliability with an open, fully redun

CITECTSCADA FACILITIES FEATURES AT A GLANCE

- Time and condition based scheduler
- Industry specific symbols
- Operator screen notes
- Multiple screens (up to 6 screens per workstation)
- Alarm delay
- Real time trends
- Web and PDA client solution
- Access to 100+ drivers to PLC/DCS style controllers
- Rapid development through pre-configured templates and genres

THE CHALLENGE

Property management companies face expanding responsibilities beyond the traditional parameters of building automation functions.

In the past, proprietary systems and networks were used to operate individual functions such as HVAC, lighting and security. In order to improve energy efficiency, increase security and integrate reporting to IT systems, management requires integrated monitoring and control functionality – often from many sites running multiple networks. Even a single skyscraper can use more than a handful of different communications protocols for access control and intrusion detection, HVAC, electrical distribution, fire detection, and elevators.

Now, with CitectSCADA Facilities, property managers can centralize operations and ensure round-the-clock reliability and regulatory compliance, even across wide area networks.

CENTRALIZE ACCESS CONTROL

CitectSCADA Facilities can connect to video monitoring, card-based access and record keeping for facility security.

INCREASE RELIABILITY

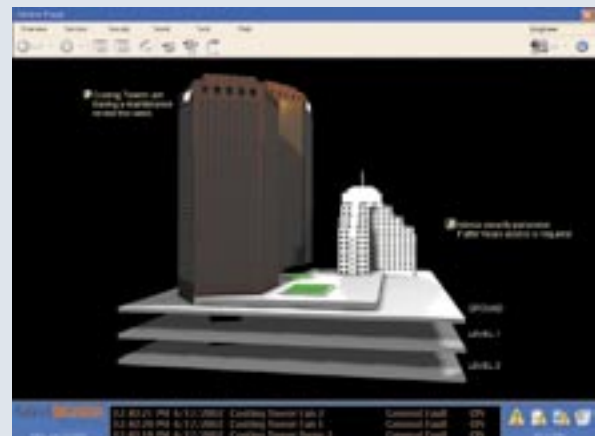
CitectSCADA Facilities design is centered on reliability, with multi-level, hardware independent redundancy to ensure constant communication from server to all remote I/O. Optional dual servers and dual networking can provide an additional level of reliability.

IMPROVE EFFECTIVENESS OF BUILDING AUTOMATION

Operators use PC-based displays anywhere on your network to change set points and override equipment operation. The CitectSCADA Facilities permits continuous 24/7 monitoring of multiple sites, which reduces labor requirements and improves the productivity of building maintenance and security personnel.



By using CitectSCADA Facilities, building managers can consolidate and analyze energy consumption from all their facilities.



Achieve full functionality via intranet/internet technologies for remote access and control.

Plant, facility monitoring system

PRESERVE CAPITAL INVESTMENTS

CitectSCADA Facilities includes the drivers for integration with all networks commonly used in facilities monitoring such as BACnet, LONWorks, Johnson Control and others. Citect's PLC/DCS style drivers can also be added to facilitate connectivity to such controllers. This protects your existing investment, and because it incorporates open standards, it provides an upgrade path for future expansion and upgrades.

REDUCE COSTS AND IMPROVE REVENUE

The CitectSCADA Facilities solution can significantly reduce operating and maintenance costs by tracking and reporting parameters, such as energy use, area by area. CitectSCADA Facilities has a Plant2Business interface so that your back office can perform billing as required. This PC-based software package allows a property or facility manager to reduce energy consumption, track after-hours use and generate customized reports on each building tenant.

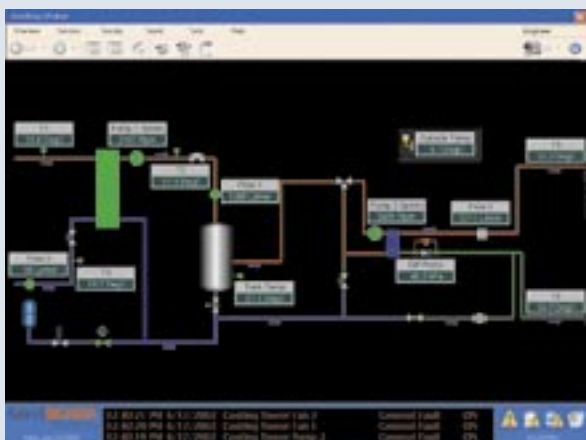
FLEXIBLE CONFIGURATION

Custom solutions are readily created using CitectSCADA Facilities. You can do time-of-day scheduling, event scheduling, alarm delay, access information via the web or a PDA, and even program custom code using the Cicode development language or Citect VBA, of which both are included.



FACILITIES IS BUILT ON THE STRENGTH OF CITECTSCADA

- HMI and display development tools, including a specialized library of facility management graphics
- WAN capability with centralized database
- Redundancy at every level with no special hardware requirements
- Drivers for standard I/O devices and controllers
- Historical and real time trending
- Alarm management
- Event scheduling
- High level reporting when required through Plant2Business historian function



A rich library of facility monitoring symbols are provided as standard.



CitectSCADA Facilities aggregates disparate systems from multiple facilities to provide a single interface.

Easily scales to match the largest facilities

HARDWARE REQUIREMENTS

Minimum

Pentium II 400 MHz CPU
128MB RAM

Recommended

Pentium II 600MHz or higher
256MB RAM
Windows 2000/XP
>1GB of hard disk space
256 color display
1024x768 dpi resolution

SOFTWARE REQUIREMENTS

Pre-load requirements:
Windows 2000/XP

LOADED DURING INSTALL

Microsoft MSDE
Microsoft .NET Framework
Citect .NET Object Server
CitectSCADA
CitectSCADA Facilities
Components

SUPPORTED DEVICES

LONWorks
BACnet
Modbus
ABB Automation
Danfoss
Exomatic
Geamatic-Trend
INUcontrol
IVT
Johnson Controls
Landis & Staefa
TAC
TA9000
More...

CITECT PRODUCTS, SOLUTIONS, PROGRAMS AND SERVICES

CitectSCADA

The world's most reliable HMI/SCADA product, featuring high performance, built-in redundancy and all-inclusive packaging.

Plant2Business Server

A HMI/SCADA independent portal for visualization and transfer of plant-floor information to business level databases.

Plant2Net

Web browser visualization of Plant2Business data.

Plant2Business Downtime Monitoring solution

The world's first Downtime Solution to leverage Microsoft .NET technologies, delivering greater power and flexibility in analyzing the causes of production delays and inefficiencies.

Gold Membership

Full access to technical support services, product upgrades, service packs, driver packs and the Citect Toolkit.

Citect OEM Partners Program

A program designed to service the special needs of OEM partners and their unique packaging requirements.

Citect Integration Partners Program

A program designed to service the special needs of integration partners to increase their product skills, reduce their risk on projects and maximize their lifetime experience with Citect products.

Professional Services

Skilled engineers to help solve your control, automation and information problems faster.

ABOUT CITECT

Citect Pty Ltd is a worldwide leader in industrial automation and information management. Its Citect and Plant2Business software are complemented by professional services, customer support and training.

These solutions are enhanced by strong partner programs and are sold in numerous industries, including water and waste water, facilities monitoring, gas pipelines, mining, dairy, food processing, pharmaceuticals, and power distribution. Citect is headquartered in Sydney Australia, has offices in Australia, USA, Europe, China and Africa, and its products are distributed in more than 40 countries worldwide.



To achieve increased reliability and reduced costs using CitectSCADA Facilities, contact your local Citect sales partner or regional office today!

For further information visit www.citect.com or call your regional office

AMERICAS Toll-free 1 888 CITECT1
AUSTRALIA Tel 61 2 9496 7300
EUROPE Tel 31 71 576 1550
CHINA Tel 86 21 6886 3799
SOUTH AFRICA Tel 27 11 462 6671

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