



REX ELECTRIC AND TECHNOLOGIES

Building Automation System

STAYING CONNECTED FOR YOUR SAFETY



WHAT IS BUILDING AUTOMATION?

Building Automation is the automatic networked control of a buildings internal systems. Generally, building automation begins with control of mechanical, electrical, and plumbing (MEP) systems. For instance, the heating, ventilation, and air-conditioning (HVAC) system is almost always controlled, including control of its various pieces of equipment such as:

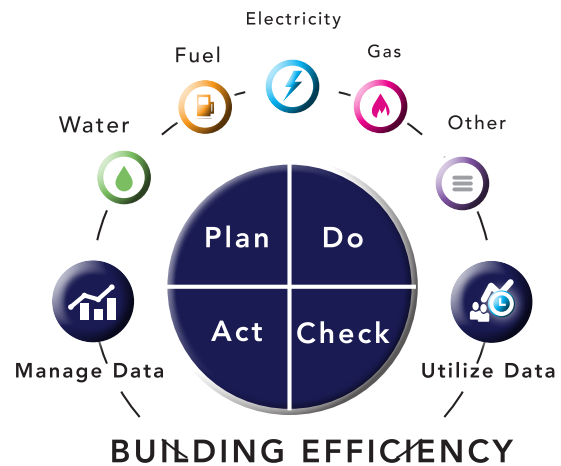
- Chillers
- Boilers
- Air Handling Units (AHUs)
- Roof-top Units (RTUs)
- Fan Coil Units (FCUs)
- Heat Pump Units (HPUs)
- Variable Air Volume boxes (VAVs)

Other systems that are often controlled and/or brought under a complete building automation system include:

- Power monitoring
- Security
- Close circuit video (CCTV)
- Card and keypad access
- Elevators/escalators
- Plumbing and water monitoring

WHY BAS IS THE FUTURE

The BAS includes programs for controls that switch pumps and compressors from operating equipment to stand-by on a scheduled basis. Programs that provide maintenance schedules for equipment in every building system can provide complete information on what parts and tools are needed to perform routine maintenance.



Building Automation System (BAS) monitor energy usage of electric, gas, water, steam, hot water, chilled water, and fuel oil services.

HIGHLIGHTS OF BAS

1. Optimizing overall building performance
2. Reducing total energy costs
3. Creating occupancy comfort

REX has uniquely positioned itself, to support the entire gamut of installing building automation systems, by creating efficiencies in the design phases with proper coordination on the installations.

Lower energy costs resulting from intelligent energy management and energy saving functions

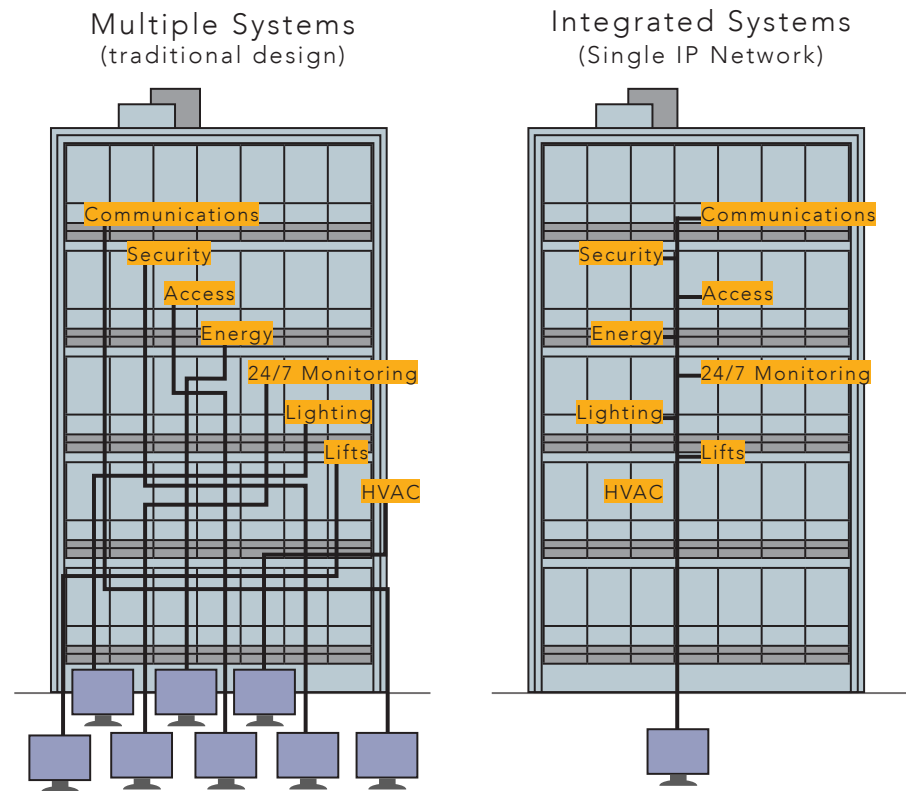
EFFICIENT | ADAPTABILITY | CERTIFIED RELIABILITY | INTEGRATION | COMMUNICATION

WWW.REXELECTRIC.COM

REX Electric and Technologies, LLC
200 W. Monroe Street, Suite 1700, Chicago, IL 60606
phone (312) 251-3620



What's better than
having Multiple
Systems to manage
your facility...
Having just one!



From schools and office buildings to complex, mission-critical environments like data centers, and labs, REX expertise extends to a broad range of markets and facilities. By creating and implementing a solution based system that will meet specific facility and business requirements. REX is able not only to offer a space for working, but is helping to create a capital investment. These systems increase overall building life.

OPTIMIZE YOUR FACILITY

Expand, upgrade, and optimize your facility systems with a comprehensive, customized solution that makes buildings more comfortable, safe, productive, efficient and less costly to operate.

WHAT A BAS CAN DO

- Manage all facility systems and equipment from one workstation, from anywhere in the world.
- Access, view, command and control in real-time over the intranet or Internet.
- Monitor critical environments with remote notification by phone or e-mail.
- Compile, organize and analyze information with automated data archiving and reporting.

REX is an IBEW electrical contractor employing electricians who have significant experience in automated building control installations. As the building automation industry continues to change, REX is confident with the talent and experience to meet the demands of the building industry.

MONITOR | ENERGY CONSERVATION | MAINTENANCE SCHEDULING | CUSTOMIZABLE