Pro Mechanical Services

BUILDING AUTOMATION & CONTROLS

SAFE AND HEALTHY BUILDINGS

Building Automation and Controls

Pro Mechanical Services can help business owners and employers to prevent the spread of COVID-19 within the workplace by providing the tools necessary to create safe and healthy buildings. According to Forbes Magazine, the COVID-19 pandemic will change the workplace forever. Your business will look and operate differently during and after the pandemic. The ability for employees, contractors and visitors to come and go freely will place new burdens on building security. There are several steps you should consider to improving your building security and safety in the wake of the coronavirus.

BUILDING AUTOMATION AND CONTROLS MEASURES

- Install security cameras at all entry points.
- Stagger arrival and departure times for workers, creating more need for lighting automation.
- Access control: consider touchless capabilities for secure entrance.
- Install lighting and cameras in your parking facilities to accommodate the shifting workday.
- Control flow and access to elevators; keypads need touchless capabilities.
- Integrate your lighting, cameras, and access control for efficiency.

Automation and Controls Expertise

Building Security, Access Control, Video Surveillance

Securing your facility is foundational to your business success. Pro Mechanical Services offers a full line of products and services for security and protection. We are proficient at installing and implementing everything from access controls integrated with video and BMS systems, to standalone intrusion systems. Our team has successfully designed, installed, and maintains some of the largest and most complex secure grow facilities in the Inland Northwest. Those facilities have some of the most rigorous security requirements.

Facilities Lighting

The lighting in facilities can make a big difference. You need enough light to see what you are doing and to maintain productivity. You also have to make sure that your facility provides enough light to keep workers safe–to see hazards, exits, and equipment. In some facilities, there are workstations that require a certain kind of light to perform a detailed task. Pro Mechanical Services will get the right light fixture and the appropriate technology to get you the results you need. We will even do the integration for you.

System Integration

Building energy data standards and tools help decision-makers to collect, manage and analyze data about building energy performance. Innovative building technologies and solutions pave the way for high performing buildings that could use 50-70% less energy than typical buildings. Pro Mechanical Services has achieved these kinds of results at museums, financial and office buildings. The real game-changer is integrating energy, HVAC, security and lighting to achieve maximum efficiency.

Energy Efficiency & Analytics

Energy efficiency simply means using less energy to perform the same task – that is, eliminating energy waste. Energy efficiency brings a variety of benefits: reducing greenhouse gas emissions, reducing demand for energy imports, and lowering operating costs. Energy efficiency is using technology that requires less energy to perform the same function. Using a light-emitting diode (LED) light bulb or a compact fluorescent light (CFL) bulb that requires less energy than an incandescent light bulb to produce the same amount of light is an example of energy efficiency. Pro Mechanical Services are experts in energy efficiency.

Facilities Operations & Maintenance

Facilities operations and complex maintenance encompasses a broad spectrum of services, competencies, processes, and tools required to assure the built environment will perform the functions for which a facility was designed and constructed. Operations and maintenance are combined into the common term O&M because a facility cannot operate at peak efficiency without being maintained; therefore, the two are discussed as one. Sustainability is an important aspect of the O&M process. A well run O&M program should conserve energy and water and be resource efficient, while meeting the comfort, health, and safety requirements of the building occupants. Pro Mechanical Services maintains and operates several large facilities for government and private business.

Technology

Pro Mechanical Services researches and utilizes cost-effective, energy-efficient technology with national partners. BIM/VDC modeling is a multipurpose tool for energy efficiency, supporting designs and operations. By using sensors and controls programs we are delivering on wireless sensing, control algorithms and groundbreaking artificial intelligence for thermal imaging. We can expose your facility the latest emerging technology.

ABOUT PRO MECHANICAL SERVICES

Since 1986, Pro Mechanical Services has remained true to our company's core mission and values of providing quality, innovative solutions for the commercial building industry. Our roots began as a full sheet metal and fabrication shop with construction and services, to now–more than 30 years later–serving the Inland Northwest as the premier mechanical contractor helping to shape the local landscape with buildings that operate in the most efficient manner possible through fully-integrated solutions for all size facilities.

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ENABLING INTEGRATED FACILITIES SOLUTIONS

TO LEARN MORE VISIT PRO-MSI.COM

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