



ES2 SERVICE OFFERINGS

WHAT WE DO

Meeting customers' needs, improving facilities, and drastically lowering cost. This is what we do. ES2 has developed a comprehensive suite of products and services to optimize systems and energy use from initial design through the entire life of a building. Everything we do is designed to save our clients money through lower utility bills and repair costs while increasing occupant comfort and thus productivity.

TEST ADJUST AND BALANCE

- Fume Hood Testing
- HEPA Filter Testing
- ASHRAE 110 Testing
- DALT Testing
- OR and ISO Room Certifications
- Sound and Vibration Testing
- Smoke Evacuation Testing
- Clean Room Testing ASHRAE 170
- Annual ACH Testing for Hospitals
- Indoor Air Quality Testing
- Temperature Trending
- Humidity Trending
- Water flow Trending
- Pressure Trending
- System Purge Testing
- Testing, Adjusting, and Balancing of Air and Water Systems

COMMISSIONING

- Building Envelope Testing
- Building System Commissioning
- Whole Building Technical Commissioning and Sound and Vibration
- Design Phase Commissioning
- Enhanced Commissioning
- Fire Alarm Testing
- Indoor Air Quality Testing
- LEED Technical Commissioning
- NFPA Above Ceiling Inspection
- Retro-commissioning

ENGINEERING

- Design Build
- Control System Design
- Product Selection
- Technical Shop/Job Drawings
- Wiring Schematics for Construction
- ALC Certified Training
- Technical Support /Assisting with IT issues
- Energy Audits
- Program and Database Development
- Control Drawings
- Energy STAR Building Certification
- International Performance Measurement and Verification Certified Energy Manager
- Certified Measurement and Verification Professional



ES2 SERVICE OFFERINGS

DESIGN BUILD

ES2's Professional Engineers establish and guide a unified vision as the terminal contractor and lead for the MEP disciplines from beginning of design through final occupancy. Our all-in-one approach benefits owners, general contractors, operators, and end-users of the built environment.

Benefits

- Streamline communication and delivery.
- Improve timelines of MEP construction schedule.
- Ensure quality control by embedding TAB and Commissioning agents throughout the process
- Fully integrate smart technology from design to operation.
- Reduce cost by having one team start and finish a project.

ENERGY SOLUTIONS

The ES2 Energy Solutions Team has extensive experience helping clients reach their goals of optimizing energy use, reducing carbon footprint, and minimizing utility costs. Within the last decade ES2 has partnered with over 115 organizations to achieve over \$25 Million in utility waste savings, and countless operational efficiency improvements. Our energy audit capabilities are designed to help organizations identify energy inefficiencies and provide actionable solutions to improve overall facility performance using a data-driven methodology that employs cutting-edge tools and techniques. We analyze energy consumption patterns, identify opportunities for improvement, and develop actionable recommendations that align with your business goals.

BUILDING AUTOMATION SYSTEMS

Customer Training (in the field)
Custom Building Automation System Controls
Energy Reporting
Graphical Displays
Lighting and Access Controls
Sequence Checks
Ability to Integrate Third-party Controls
On Staff Journeyman Electrician
Electrical Installs Retrofit & New Construction
Logistics: In-house Control Panel Production
Replacing Fiber
Replacing Motors
Replacing Network Cabling
Replacing VFDs
Structured Cabling
Turn Key BAS Installation
Troubleshooting Control Systems
Quick Response to Customer Issues

MECHANICAL

Air Handling Equipment
Equipment Replacement Scheduling
Preventative Maintenance
Watersource/Geothermal
Conventional Systems
Routine Maintenance
Fabrication
Repairs
Retrofits
Hydronics
Boilers
Chillers
Pumps