



GET TO WHERE
YOU WANT TO BE
INDUSTRIAL
SOLUTIONS NETWORK



Assessment Outcomes

Reduce Risk

- Our engineers create a detailed arc flash analysis report including a Protective Device Coordination (PDC) study and a short circuit current study.
- Rockwell Automation makes recommendations to reduce arc flash hazards and help correct over duty equipment. We also provide data to assist in your efforts to improve protective device coordination.

Increase Competency

- Customizable written safety program serves as a safety policy reference for employees working in or around live electrical cabinets.
- Employee safety training and energized work permits for employees or contractors working on live electrical circuits in your facility are provided.

Improve Documentation

- Up-to-date one-line drawings are developed providing an accurate model of your electrical system. Model is available in AutoCAD format.

Compliance

- Each portion of Rockwell Automation arc flash services is designed to meet or exceed all requirements listed in CSA Z462, IEEE-1584 and NFPA 70E regulations.



Rockwell Automation® Arc Flash Studies provide an effective means to evaluate and inform employees on arc flash hazards when exposed to live electrical components. Arc Flash Studies can be conducted on existing systems, new equipment, or modified equipment to identify hazardous exposure risk and help employees stay current on industry safety regulations. Whether you are trying to meet certification standards, help protect workers or reduce downtime, Rockwell Automation specialists can help you achieve your safety goals.

While Rockwell Automation Arc Flash Studies are designed to meet arc flash regulatory requirements, the real benefits are twofold:

1. Provide visibility to hazard exposure so an informed decision on how to help protect employees can be made, including:
 - Help mitigate hazards to acceptable levels
 - Educate employees on hazard awareness
 - Train employees on how to work within acceptable conditions

Rockwell Automation often implements a combination of these items to provide the most effective solution.

2. Keep equipment performing as intended by providing equipment setting recommendations and mitigation solutions.

There can be an optimal solution for both equipment and employees, Arc Flash Studies support both production and people.

LISTEN.
THINK.
SOLVE.®

Complete Arc Flash Services Portfolio

Level	Service	Details
Analysis	Study	A full service Arc Flash Study program includes Arc Flash analysis, One-line diagrams, labels, Power System Analysis, Short Circuit Study, and Protective Device Coordination Study. Training and ongoing support also available. ***A limited fixed scope service is also available on low and medium voltage Motor Control Center (MCC) lineups.
Refurbish	Update	A service update can be performed on an existing Arc Flash Study or a comprehensive study review can be performed on an outdated study. Scope typically includes those items listed in the analysis level.
Maintain	Annual Maintenance Agreement	An Annual Maintenance Agreement is available for existing studies or new studies to help monitor and maintain any system changes that impact the Arc Flash Study. Maintenance agreements used in coordination with update services can help meet regulatory upkeep requirements.
Remediate	Mitigation	Recommendations to help reduce arc flash hazards for equipment with excessive incident energy levels are typically included in the Arc Flash Study, where feasible. Rockwell Automation offers mitigation solutions for equipment requiring modifications to reach acceptable risk level.

Typical Service Deliverables



Project Based:

- Arc Flash Study
- Arc flash/incident energy labels
- Protective Device Coordination Study
- Power System Analysis
- Short Circuit Current Study
- One-line diagrams
- Risk reduction recommendations

Service Based:

- Quarterly equipment tracking
- Annual site visits and facility inspections
- Updated Arc Flash Study reports
- Monthly online arc flash compliance



Learn more about how Rockwell Automation can help you achieve your safety goals at: www.rockwellautomation.com/services/safety/overview.page

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www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846