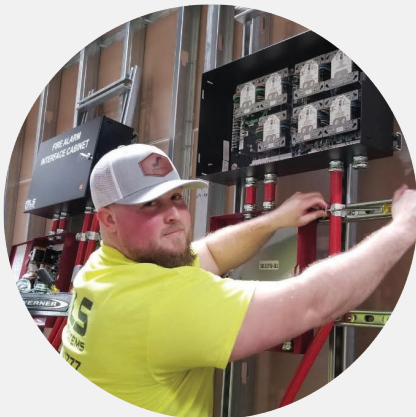


TODAY'S LIFE SAFETY SYSTEMS INSTALLATION LANDSCAPE

Fire and life safety systems are a life and death matter, making proper installation absolutely crucial to an entire building's safety. As construction booms in metropolitan areas across state lines, the need for turnkey, code-compliant fire system solutions is more pressing than ever. To make tight timelines work from job to job, fire and life safety system installers must partner with like-minded suppliers to complete projects on time and with AHJ approval in order to avoid the time and money costs associated with failing a final inspection.



“ Working with Space Age prefab solutions saved us a significant amount of time on the installation because of the amount of connections being made on such a large project. Having the wiring done in a controlled environment eliminates any room for error, which in turn cuts down on troubleshooting. Additionally, with the wiring being done ahead of time, it gives us the ability to free up lead technicians to concentrate on other aspects of the project. ”

LS SYSTEMS - BALTIMORE, MD

When LS Systems, an industry leader in fire alarm and security systems design, installation, programming, testing, and inspections, was chosen as a subcontractor for the 9 story Perla Condominium development project located at 810 O Street in Washington, D.C., they had to think outside the box of a standard system design by including prefabricated solutions to ensure their installation went according to plan and passed final inspections under a tight deadline. The prefabrication partner they chose needed to be able to work with Honeywell's Gamewell/FCI fire alarm components, as well as have a good reputation with code-compliant solutions for AHJ approval. For these reasons, LS Systems decided to partner with Space Age Electronics in order to leverage their ability to construct prefabricated solutions that make for a cleaner, timelier, and more consistent installation.

THE CHALLENGE

The challenges of coordinating a full system install on a project like 810 O Street in Washington D.C. go far beyond the day to day logistics of pulling wire and placing components. In order to provide a clean, consistent, and code compliant solution from the design phase to construction sign off of this project, LS Systems had to develop project standards that make all the difference to their clients.

Providing unique standard solutions as well as a wide range of custom manufacturing capabilities, Space Age Electronics was able to assist in the success of this project throughout many phases of the installation process.



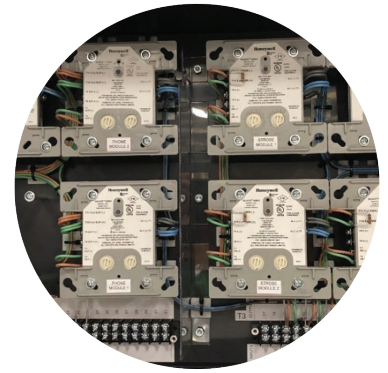
STANDARD SOLUTIONS

- FF Telephone handset enclosure (PN: SSU00567)
- Rolled drawings storage enclosure (PN: SSU00625)
- System Records Document enclosure with 8 gig digital storage for system programs (PN: SSU00689)
- Branch circuit surge protection for the 120volt panels on site (PN: E120V-GT)
- 24volt low voltage surge protectors for all graphic annunciator panels (PN: T32-DG)
- UL listed "MR" Series multi-voltage control relays (PN: SSU-MR-201/C/R)

CODE COMPLIANT SOLUTIONS

When completing any fire alarm project, code compliance is the priority. Whether it be national codes and standards, or local specific requirements by the AHJ on site, Space Age Electronics provides numerous solutions for satisfying both sets of standards. All solutions provided adhered to the following industry codes:

- NFPA 72
- IBC 909
- UL 864



PREFABRICATED SOLUTIONS

When timelines and quality are the most important aspects of a successful installation, going the prefab route on fire alarm interface solutions makes the most sense. Starting with the fire fighters telephone system interface, to smoke damper and fan shut down controls, grouping any number of control and monitor modules together can take up a lot of man hours in the field. Through Space Age Electronics, LS Systems was able to standardize several prefab layouts and save hours during installation, helping them to move ahead of schedule and focus on completing other tasks on site.

Overall, utilizing Space Age Electronics' prefabricated solutions over traditional field installation methods helped LS Systems save around 50% on time, with about a 30% associated installation labor cost-savings. From the firefighter telephone system to the strobe circuits per floor, Space Age Electronics' prefabricated control enclosures with fire alarm system components pre-mounted and wired in a clean, controlled manufacturing environment helped streamline installation and improve the accuracy of circuit wiring for a better test and inspection process for years to come.

- Fire fighters telephone interface enclosures
- Fire alarm strobe circuit distribution enclosures
- Fire alarm termination cabinets for all low voltage line circuits
- Three fully designed and built graphic annunciators (command room and two lobby panels)

Not only do Space Age Electronics' prefabricated solutions save time and money on installation, they also ensure quicker yearly testing processes due to their superior design and assembly.

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