SAFER BUILDINGS COALITION

Fiplex Product
Award
Submission

fiplex
FLEX IN-BUILDING PUBLIC SAFETY

… the industry's first platform-based solution that recognizes and addresses the need to accelerate ERRCs deployments, and to do so with an any building, any jurisdiction, any integrator and any configuration platform based strategy …

Executive Summary

Fiplex FLEX is a software enabled, 700/800 and VHF/UHF in-building public safety ERRCs platform supporting BDA and DAS deployments through a common hardware and software architecture. The industry unique FLEX Platform is comprehensive and today includes Actives, Passives, Battery Backup, Alarming Annunciators and Professional Services options. The platform boasts unique flexibility that enables common hardware form factors to be configured as BDA or DAS master units, remotes, and hybrid master/remote functionality. Additionally, the platform wide, Fiplex Control Software, drives more flexibility by enabling the post sales or deployment configuration of frequencies, class, power options, filters and more.   The FLEX platform is also deployed by Honeywell's Building Technologies Fire Safety division, under their Notifier, Gamewell and Farenhyte brands.

Impact (advancement for the industry)

• We call it Better Buildings, Better Business. Fiplex FLEX is focused on ensuring mission critical performance while driving economic benefit for all stakeholders. This is new thinking and a positive direction to ensure industry growth and integrity.

• FLEX is advancing the scalability and deployment rates of systems by reducing complexity, delivering true mission critical performance, and driving economic savings.

• Uplink noise has and continues to impact public safety macro network performance. Fiplex FLEX's ability to automatically control gain per channel and per time slot, assures that addressing uplink noise is less complex for all installers and insures operation post deployment.

• Fiplex FLEX is a platform solution with software configurable simplified hardware. This approach will help installers meet shorter schedule requirements and provide the ultimate in inventory flexibility.

Innovation (furthering mission of SBC)

• SBC seeks to accelerate code compliant mission critical inbuilding communications for first responders and increase AHJ adoption through grassroots awareness and education.   Fiplex FLEX supports this effort 100% and is evident in the innovative approach to both BDA and DAS public safety deployments. Fiplex FLEX addresses not only the quantifiable requirements of the code, but the intent of the code, deploying high performance, scalable, repeatable, harmonized solutions.

 • FLEX innovative approach to noise mitigation, combined with the platform flexibility and reduced complexity ensures that the newest integrator, will not burden the progress of the industry mission.

• In field, software enabled configuration via the easy-to-use FCS GUI, increases a project's success rate while protecting the business investment of all stakeholders.   Profitable installers deliver successful projects.

Value of Life Safety Advancement

• Let's face an uncomfortable truth. The industry has been working to solve the in building radio communications challenge for first responders for 20 plus years. While we have advanced in code, technology and deployment, there are an untold number of buildings that present life threatening communication issues. The industry's mission needs to accelerate, scale and deployment at an exponential rate.

• Fiplex FLEX and it's unique flexible platform, software enabled, mission critical focus is designed to enable AHJs, existing integrators and new to the market integration channels to successfully deploy code compliant solutions at an ever increasing rate.

• Fiplex FLEX seeks to enable Better Buildings through Better Business opportunities that reduce the inherent friction between AHJs and Integrators by insuring true mission critical life safety communication technology advances the mission rather than increase the legacy of RF complexity and fear.

Value Proposition (long term for public safety community as a whole)

• Reduce Complexity: Eliminate the barriers of code adoption and integrator entry into the market through innovative solutions.

• Deliver true mission critical performance: Address Noise, Near Far, Oscillation, Survivability, Redundancy … for any building, any jurisdiction, any integrator, and any system configuration requirement.

• Drive economic efficiency: Ensuring that any integrator is able to design, install, and configure a high-performance, code compliant system, profitably to accelerate the Mission.