



SBC 2021 First Annual Member Awards Nomination



The Safer Buildings Coalition wishes to recognize outstanding member products and projects through a new juried evaluation.

About the Safe Inside Product and Project of the Year Awards Program

SBC's **Safe Inside Product of the Year** award recognizes new products in the in-building public safety communications market.

This program will provide SBC's audience with information about the top new product in their fields.

SBC's **Safe Inside Project of the Year** award recognizes outstanding projects in the in-building public safety communications market.

This program will spotlight projects for their impact, quality of workmanship, innovation, and contribution to reducing noise and interference.

2021 Program Schedule

- August 1: Entries open
- Sept 1: Entry deadline
- Sept 27th: Finalists announced @ SBC Member's Dinner
- October 25th: Winners notified
- Nov 10th: Winners Announced @ IWCE In-Building Forum

Rules:

1. Entries may be submitted by SBC Current Member Organizations only.
2. You may submit a Product, a Project, or both.
3. One entry per category per member organization.
4. Entries must be submitted on behalf of the original manufacturer or project system integrator, and not on behalf of another organization.
5. Entries will be screened for compliance to rules.
6. All entries that meet eligibility requirements are
7. All information requested must be provided. An incomplete form or a form providing misleading or false information will result in disqualification.
8. An authorized representative of the member organization must complete the entry form verifying all information.
9. SBC will convene a cross-functional panel of its choosing to judge the entries.
10. Entry Fee: Waived for 2021

Eligibility requirements

Products entered into the 2021 program must meet the following criteria:

1. Products must specifically pertain to the in-building public safety market.
 2. Products should demonstrate an innovation that furthers the mission of making buildings Safer Inside.
 3. Products must have been made first available for purchase in the North American market between August 1, 2020, and August 1, 2021.
 4. If the entry is a new version of a previously available product, the entry must represent a major modification or redesign of the product.
 5. New versions of software must offer new capabilities and significant enhancements.
 6. Products must be available for purchase in the United States.
- All information fields on the entry form are completed and accurate regarding the product and the manufacturer.

Projects entered into the 2021 program must meet the following criteria:

1. Projects must have been completed in the North American market between August 1, 2020, and August 1, 2021.
2. Projects must specifically pertain to the in-building public safety market.
3. Projects should demonstrate their impact, quality of workmanship, innovation, and contribution to reducing noise and interference.

How to Enter:

Use the form below to submit your entry(s).

Submitter Verification

- This information is necessary to ensure each Organization makes no more than one nomination per category

Name

Michael Orendain

Email

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| Your Organization | AFL-Optical Telecom Division |
| Your Title | Vice President |
| Product Nomination | |
| Name of Product | Comba |
| Date first available in the North American Market | Monday, April 1, 2019 |
| Product Description | Comba CriticalPoint Fiber DAS |
| Please describe the innovative nature of this product | This product was selected due to the noise cancellation features, code compliance, and scalability of the product line. |
| Project Nomination | |
| Name of Project | 5th and Broadway- Nashville, TN |
| Date completed in the North American Market | Friday, October 1, 2021 |
| Project Description | 5th & Broadway is one of the largest mixed-use developments in the history of Nashville and sits on 6 acres in the heart of downtown Nashville and encompasses a full city block. The mixed-use complex consists of retail shops, restaurants, residential tower, class-A office space, museum, and a large above and below ground parking structure. With a development of this magnitude, a properly designed and implemented ERRC system is critical. In order to meet their public safety enhancement needs the developer, Brookfield Properties, turned to AFL for a full turnkey ERRC DAS solution. |
| Please describe the innovative nature of this project | <p>The 5th & Broadway project was innovative in many different areas. Due to the size and scope of the project, AFL had to implement a solution that was deployable in phases, fiber based, and did not create interference with the existing Public Safety System. To ensure all of the above objectives where met, AFL worked closely with the City of Nashville Fire Marshall, Developer, and General Contractor while navigating the COVID Pandemic.</p> <p>In the planning and engineering stages of this project, AFL completed baseline grid testing of the existing public safety tower coverage as the parking garages and buildings where being built. Utilizing a scanner-based grid testing method, AFL mapped the areas that needed coverage enhancement from an RSSI standpoint, but also used key KPI's collected to simulate a DAQ score for the collected areas. With this information, the AFL engineering team started the design</p> |

phase of the project. Phase 1 planning and implementation would prove to be critical to the overall success of the project. Phase 1 would house the ERRC Head-End, have to be expandable to the other areas of the development, and would have to pass the City of Nashville code enforcement inspection for both coverage and system survivability in order to obtain the developments 1st COI. After analysis of the Grid Testing, AFL needed to select a reputable OEM partner that could meet the demanding requirements of the project. AFL selected the Comba CriticalPoint Public Safety DAS Solution. The Comba solution met and exceeded the code requirements and provided a fiber solution that was deployable in phases. Further, the channelized Auto Level Control (ALC), Channelized uplink squelch, isolation test features and NFPA 1221/ NEMA 4X enclosures provided the AFL engineering team the confidence needed to deploy a system of this size.

Working through the pandemic and among more than 500+ daily workers the AFL installation team met all project timelines while delivering our industry leading quality installation. The project build spanned 3 phases, over 1 million sqft of coverage and a 1+ year build schedule.

Upon installation completion, AFL successfully commissioned the DAS and worked alongside the City of Nashville's radio shop to ensure the DAS provided no interference to the existing Nashville Public Safety system. The testing that was completed to ensure this included Free Space Calculations, Near Far Testing, DAQ Testing, and Post Installation Grid Testing. The installation of the Public Safety DAS system at the 5th & Broadway project truly provided an innovative solution for a large-scale public safety need. The contributions and teamwork of all parties made this project an overwhelming success.

Web link to project page (if any)

<https://fifthandb.com/>

I attest that I am authorized to submit on behalf of my organization

Attest