

# Case Study

## CyberData Offers SIP Based Loudspeaker System for Public Address and Safety Applications

**CyberData**  
The IP Endpoint Company



### Customer Profile

Customer: CyberData  
Location: Monterey, CA  
Industry: Communications  
Equipment Manufacturing

### Challenge

- Locate a low cost, durable equipment enclosure for an SIP enabled loudspeaker system.

### Solution

- L-com's off-the-shelf NBP141004-E00 and NBP141004-100-4 enclosures.

### Results

- Met project cost requirements
- Offered off-the-shelf product meeting delivery deadlines.

### Challenge

With over 40 years of experience, California based CyberData specializes in manufacturing IP Endpoints for the Voice over IP (VoIP), Point-of-Sale (POS) and POS protocol conversion applications.

CyberData needed to find a low cost but durable enclosure for their SIP (Session Initiation Protocol) enabled IP loudspeaker amplifier system for use in schools, office buildings and other large complexes. This new system provides users an easy way to deploy an IP-based paging system. Requirements for the enclosure included use in 120V AC installations as well as Power-over-Ethernet (PoE) installations.

### Solution

L-com was able to offer its NBP series enclosures. These rugged yet economical enclosures feature multiple mounting points in which CyberData was able to mount their loudspeaker amplifier. L-com's enclosure included a power module with AC outlets for 120VAC installations. For PoE installations, the power module can easily be removed.

### Results

CyberData was able to provide to their customers their IP loudspeaker amplifier mounted in a NEMA rated enclosure while maintaining a competitive price point. The NBP enclosure also helps ensure that the internal components are secure and protected from the elements as well as tampering.



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