



### Background

GILLIG is the leading manufacturer of heavy-duty transit buses in the United States. From initial design through final assembly, each GILLIG bus is designed and built by dedicated Americans in their new 400,000 sqft facility in Livermore, California. GILLIG buses are known for their unmatched quality, and have earned their reputation as the lowest cost buses to maintain and operate. GILLIG has been a family-owned American business for 125 years with a long history of creating well-paying, dependable American jobs.

### Scenario

With a new 400,000 sq ft manufacturing facility and office space recently completed, GILLIG worked with their VAR VOX Networks to purchase an Avaya VoIP phone system. Next, they needed to find and install a paging system that could work with the new Avaya VoIP phone, and meet their paging needs:

- Paging in office and manufacturing area
- Zone paging
- Bell scheduling for shift changes, breaks, etc
- Background music



011404 SIP-enabled Loudspeaker Amplifier, AC, with 011068 Horn (replacement part# 011471)

After eliminating analog as an alternative option, VOX, having worked with CyberData SIP devices before, recommended CyberData as a solution. Together, they determined which of CyberData’s SIP-enabled devices would work best, based on sound quality, environment, and features of the device.

### Solution

For office paging, GILLIG decided on CyberData’s SIP-enabled Ceiling Tile Drop-In Speaker, which fit seamlessly into their ceiling. In louder environments, the SIP-enabled Loudspeaker Amplifier, along with horns were installed. Finally, the SIP Paging Server with Bell Scheduler provided the key features they needed, such as bell scheduling, ability to multicast, zone paging and background music.



011401 SIP-enabled Ceiling Tile Drop-in Speaker



011146 SIP Paging Server, with Bell Scheduler

The newest version of the SIP Paging Server had been recently enhanced to now include Bell Scheduling software, as well as play background music or white noise. With this feature, GILLIG would be able to schedule shift changes and breaks, as well as page and play background music across all speakers throughout the facility, without having to purchase a separate software package.

