

# Unifying Multi-Site Network with iPECS-CM

**iPECS**  
Your Communications Solution

 Over 1,000 Ext. |  Manufacturing |  iPECS-CM |  Binggrae



## About the client

Since 1967, Binggrae has grown with many different tasty and healthy products that deliver smiles to customers. With innovative thinking and excellent marketing, Binggrae has produced great products such as Korea's very first classic ice cream "Together", they also pioneered the spoonable yogurt "Yoplait", produced the nation's No.1 brand "Banana Flavored Milk, and of course the legendary or world beating popsicle "Melona."

[eng.bing.co.kr](http://eng.bing.co.kr)

## Summary

Binggrae, one of the most popular dairy product companies in South Korea, has many locations nationwide including headquarters, factories, logistics centers and sales offices. Due to Binggrae's aging PBX's, they were experiencing dozens of communications related incidents such as power failures and backup problems. Through this project, Binggrae adopted iPECS-CM to unify their overall network for stable communications. Through the unified network, IT management is easier and operation efficiency is increased.

- Deployment of iPECS UC solution and 3rd party Video Conference system based on iPECS-CM
- Set up a flexible communications environment through integration of IP phones, PC and video conference system
- Build a strong team collaboration environment

## Challenge

Binggrae was operating and managing different branded PBX's independently at each location. This separated operation was not efficient and causing unstable communications among offices. To create a stable communications network among all offices, they needed to unify the overall network by replacing all the old PBX's with a single system with redundancy and a centralized point of management.

To overcome these issues, they decided to setup a Unified Communications System, iPECS-CM, which delivers stability, scalability and high quality collaboration features including video conference services.

## Products

### System

- iPECS-CM

### Terminal

- iPECS LIP-9070
- iPECS IP8800 Series

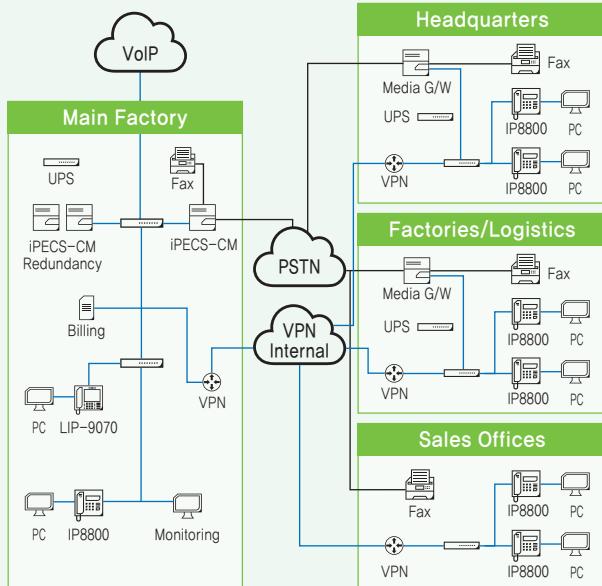
### Application

- iPECS UCE
- 3rd Party Video Conference System

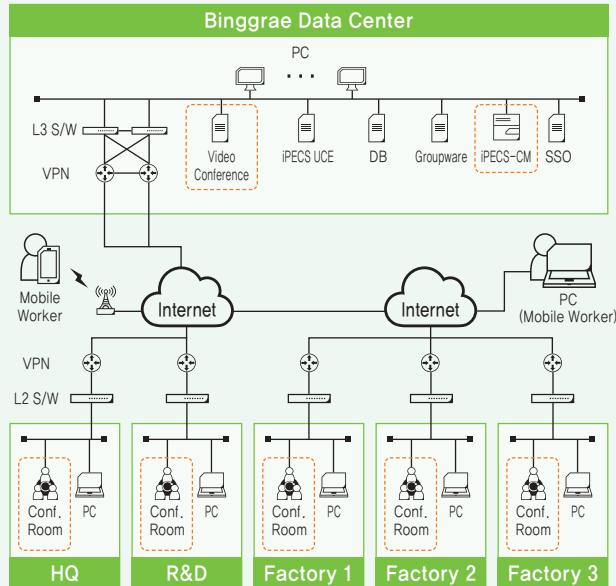


# Seamless Collaboration Environment by Unifying Multi-Site Communications

## ► Diagram of IPT



## ► Diagram of Unified Video Conf. System



## Solution

Binggrae deployed an all-IP system, iPECS-CM with redundancy, at their main factory location. Through real-time DB synchronization, active calls are kept connected even during a system fail-over. In addition, since all extension numbers are centralized, IT managers can easily manage the entire network more efficiently.

Media G/Ws are set up at headquarters, factories and logistics centers utilizing PSTN link for local survival service. It guarantees a stable and seamless communication environment to all employees.

As one of the main operation services, call charge monitoring service is deployed to increase the efficiency of operations. It gathers all site's call logs on a central billing server and the IT manager can easily monitor costs.

Lastly, iPECS UCE, a UC solution that provides optimal interoperability with iPECS-CM is also deployed. iPECS UCE is integrated with IP phones, PCs and video conferencing equipment to enhance user's collaborations. It highly improves an employees' productivity and collaboration efficiency.

## Benefits

- High quality voice communications and stability through iPECS-CM redundancy
- Increased efficiency of operation through a centralized management network
- Improvement of productivity through deployment of UC solution
- Diversity of collaboration through integration with a video conference solution from local 3rd party
- Realize a BYOD by integrating IP phone, PC and mobile