


## TBC-Ball Beverage Can Vietnam Ltd Case Study

<b>Customer</b>	TBC-Ball Viet Nam Tel : +84-650- 2221085 <a href="http://www.ball.com">www.ball.com</a>	<b>Testimonial</b>    <p>“We made the <b>right decision</b> when investing in a Xorcom PBX system for the plant. The system works perfectly, it is <b>flexible and professional</b>, and the local supplier provides very good consulting services.” - Mr. Tu, IT Manager - TBC Ball Viet Nam</p>
<b>Industry</b>	Manufacturing: Beverages, canned foods	
<b>Main Challenge</b>	The customer’s new factory required a new PBX system to support 80 current employees, and more in the near future.	
<b>Integrator</b>	NTT Networks - Viet Nam IP Telephony Solution and Service Center Tel : +84-8-6255 80 80 <a href="http://www.nttnetworks.com">www.nttnetworks.com</a>	
<b>Distributor</b>	<a href="#">JCMEX Trading Sdn Bhd</a>	
<b>Solution</b>	XE3000 Asterisk IP-PBX with 1x E1, 8x FXO and VoIP trunks with about 80 Grandstream IP Phones and Video Phones, and Polycom Conference phones.	

### Overview

The TBC-Ball Beverage Can Vietnam Limited produces aluminum cans which are used by the beverage industry. They recently opened a factory located in VSIP II-A, Binh Duong Province in which they needed to support 80 current users (and more in the near future).



*New TBC Ball factory in VSIP II-A, Binh Duong Province*



*Xorcom XE3000 installed at TBC Ball factory*

## Customer Requirements

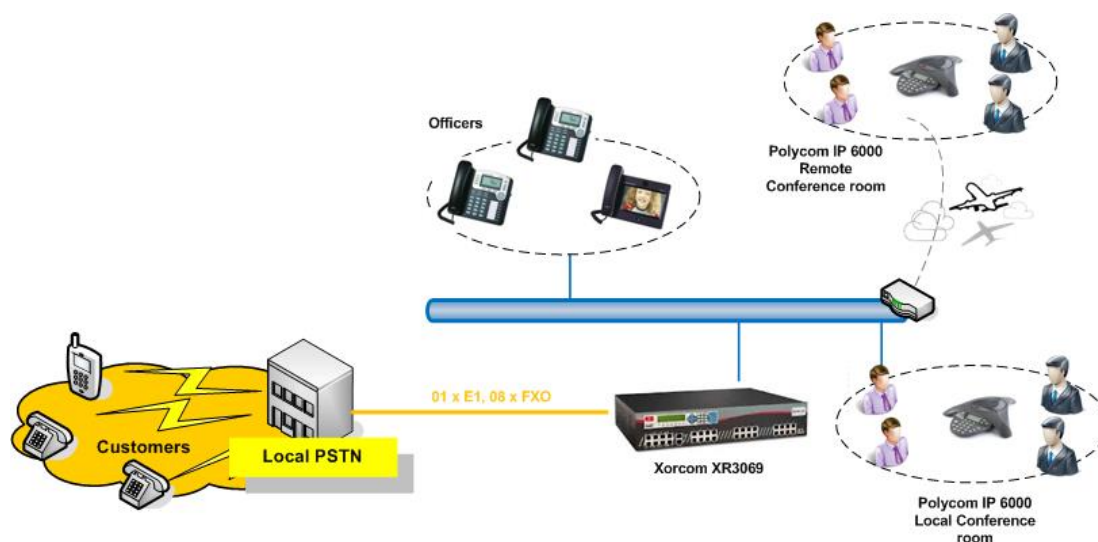
- Professional Telephone System
- Extensions configuration
- Queues configuration
- Ready for system expansion and public address (PA) system integration in near future for announcement/warning purposes
- Definition of the outbound call policy by Extension, Department, Group, e.g., who is authorized to make internal / local / long-distance / international calls and whether s/he needs to input the password before making outbound calls, or not
- Real-time monitoring and powerful reporting system

## Proposed Solution

Based on the customer's requirement, NTT NETWORKS proposed a Xorcom IP-PBX system including:

- XE3000 Asterisk IP-PBX with 1x E1, 8x FXO (P/N XR3069)
- Grandstream GXP-1400 x 30 sets for regular employees
- Grandstream GXP-2100 x 34 sets for managers
- Grandstream GXP-2120 x 1 set with expansion key board for operators
- Grandstream GXV-3175 x 4 sets for executives
- Polycom Soundstation IP-6000 x 4 sets with extended microphones for conference rooms
- A few smartphones, such as iPhone, Android, etc.

## Network Diagram



The proposed system included a Xorcom IP-PBX server with 1x E1 PRI (30 channels) and 8x FXO, with about 80 IP Phones.

## Result

Implementation of the entire system was completed within **two weeks**, according to the committed plan, including:

- Complete system implementation
- System scenario preparation and installation
- Testing and employee training

## Conclusion

*As per Mr. Tu, IT Manager, TBC Ball Viet Nam:*

"We made the **right decision** when investing in a Xorcom PBX system for the plant. The system works perfectly, it is **flexible and professional**, and the local supplier provides very good consulting services."

## About TBC-Ball Viet Nam



Limited US-Thailand Corporation holds 100% invested capital of TBC-Ball Beverage Can Vietnam. The TBC-Ball factory is located in VSIP II-A, Binh Duong Province. TBC-Ball produces aluminum cans which are used by the beverage industry. Covering eight hectares, the Binh Duong province plant will have an initial annual production capacity of 850 million cans, mostly supplying contracted customers in Vietnam as well as exporting beverage cans to neighbouring countries. The total investment of the plant is about \$50 million. For more information, visit: [www.ball.com](http://www.ball.com)

## About NTT NETWORKS



NTT NETWORKS was founded in 2009 as a Viet Nam IP Telephony Solution and Service Center. The company performs research, development, implementation, and consulting services, and is a VoIP hardware supplier. The company started as a solutions and service supplier and approached the distributor market since 2010 via VOIPMART - VIET NAM VOIP MARKET PLACE - where customers can find any VoIP product from various vendors from around the world. Beside that we're still completing more solutions based on IP Telephony such as Fax, Paging, Conference, Telepresence and Collaboration. For more information visit: [www.nttnetworks.com](http://www.nttnetworks.com) and [www.voipmart.vn](http://www.voipmart.vn)

## About JCMEX Trading Sdn Bhd



JCMEX Trading Sdn. Bhd. was incorporated to provide products and services as a wholesaler distributor and retailer of VoIP products from IP Phones, IP-PBX, adapter cards, media gateways and other accessories. Centrally located in the city of Petaling Jaya, in the suburbs of Kuala Lumpur, the capital city of Malaysia, it represents well known brands to reach into the resellers market in the Asian region. For more information, visit:

[www.jcmex.com](http://www.jcmex.com)

## About Xorcom



Founded in 2004, Xorcom is a privately-held IP-PBX manufacturer. Xorcom harnesses the power of Asterisk® Open Source IP-PBX - the most rapidly growing telephony platform in the world - to design and produce leading-edge hardware telephony solutions for commercial installations.

Today, Xorcom offers the widest and most flexible range of solutions and hardware platforms in the Asterisk market. System integrators, telecom equipment manufacturers, and customer premise telephony and VoIP providers use Xorcom products to provide added value to their end users. Xorcom sells its products via a worldwide distribution channel and OEM partners. For more information, visit: [www.xorcom.com](http://www.xorcom.com)