

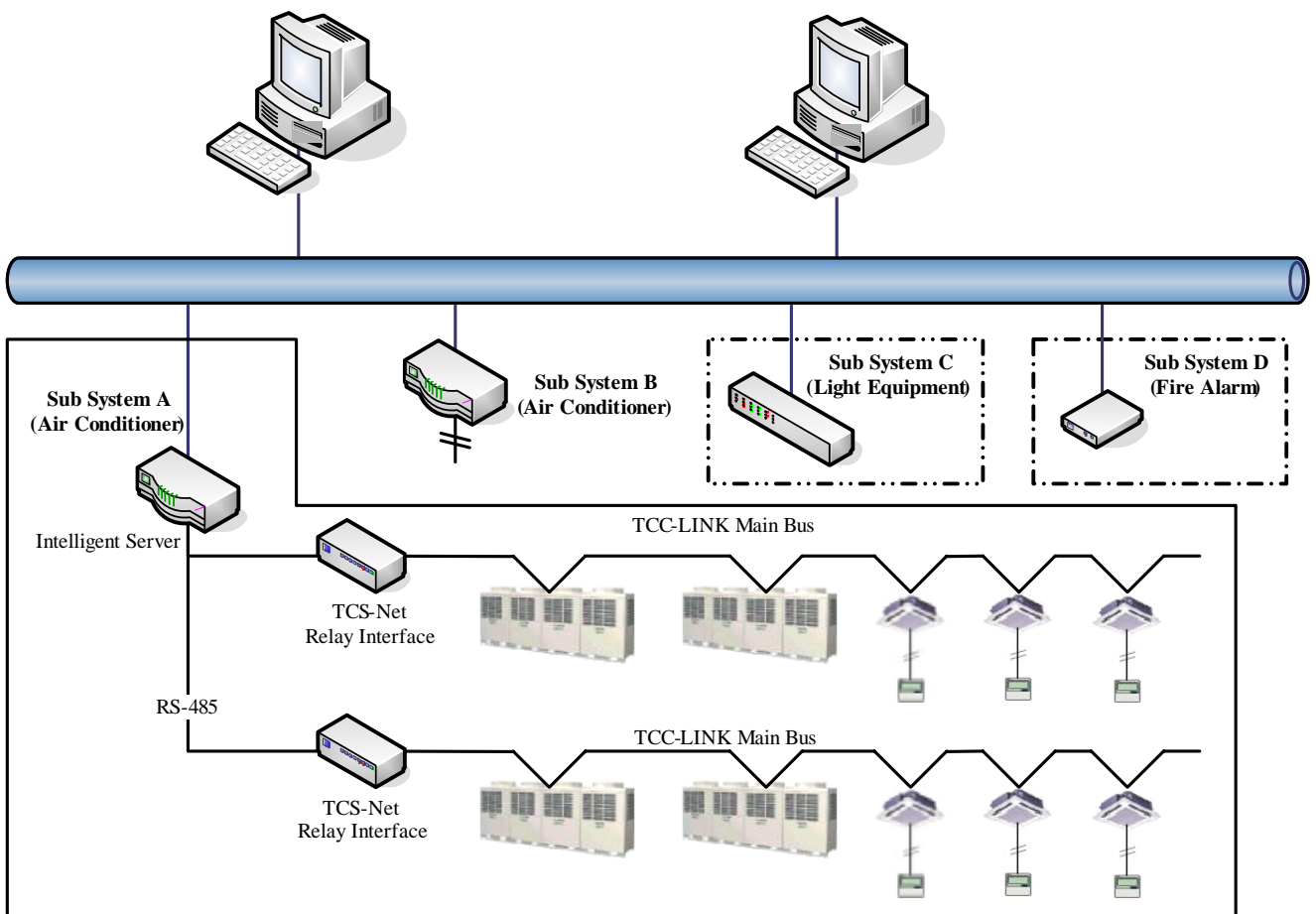
BACnet Gateway

Feb.2006

1.Introduction

Toshiba's BACnet Gateway can monitoring and control operation for the Toshiba air conditioners(Super MMS , Super HRM) on the BACnet system.

2. System structure



3. Equipment List

Item	Model Name	Notes
Intelligent Server	BMS-LSV4E	Maximum 128 indoor units Maximum 8 TCS-NET Relay interfaces
BACnet Server Software	BMS-STBN03E	
TCS-Net Relay Interface	BMS-IFLSV1E	Maximum 64 indoor units

4. BACnet objects

BACnet Gateway has the following objects.

Object	Operation	Monitoring	Function
ON/OFF status	*	*	Memorize/send/control ON/OFF status of air conditioners.
Operation mode	*	*	Memorize and send operation mode
Fan speed	*	*	Memorize and send FAN mode
Louver	*	*	Memorize and send Louver position
Set temperature	*	*	Memorize/send/control set temperature.
Room temperature	-	*	Memorize room temperature
Permit/Prohibit of Local Operation	*	*	Memorize and send permit/prohibit of Local Operation
Error status	-	*	Memorize and send error status of the air conditioners.
Error code	-	*	Memorize error code.

* :Available - :Not Available

<Notes>

BACnet™ is a registered trademark of ASHRAE.

-Main difference from ASHRAE standard.-

1. The Notification Class is not mounted in this product.
2. This product disregard the priority about the service of Write Property and Write Property Multiple.
3. The Priority Array property is not mounted in this product.
4. This product does not receive the service of Who-Has/I-Have.
5. This product is broadcast "I-Am" command every one minute.
6. When Gate Way is up, this product notify to the state of System Status property of Device object.

Toshiba Carrier Corporation