

New Analog Station Cards With Disconnect Supervision!

Toshiba is pleased to announce two new analog station cards that offer disconnect supervision. The new BSTU2A and BSTCIU2A analog station cards provide an open loop switching interval (disconnect signal) which is useful for some analog devices like fax machines or dictaphones that do not offer time-outs for disconnect and may remain in the off-hook state after the caller hangs up. The new BSTU2A / BSTCIU2A cards provide this functionality with a user programmable disconnect timer that the BSTU1A / BSTCIU1A do not have.

The new BSTU2A / BSTCIU2A cards are now available. The existing BSTU1A / BSTCIU1A cards will also continue to be sold at the current discounted promo price while supplies lasts.

Sending the Disconnect Signal

The Strata CIX system will send the disconnect signal after waiting for a certain period of time which is programmed by the administrator. The range of waiting time (T) is from 0 to 120 seconds with a default value of one second. If zero (0) second is set, the system sends the signal as soon as it detects the disconnect by the destination party. The Strata CIX system will start sending the Reorder Tone (ROT) and will continue to keep sending the ROT until the analog station becomes on-hook. The user will not be able to hear the reorder tone temporarily while the system is sending the disconnect signal.

Duration of the Disconnect Signal

The duration of the disconnect signal is one second and is a fixed value. System Administrators will not be able to change this value. The standards for the one second are stated below:

- Standard ANSI/EIA/TIA-464C, 5.4.10.2.4: According to the standard, this disconnect signal shall consist of interrupting loop current to the station interface for at least 600ms, and there is no description about upper limit or recommended value.
- Interoperability with Third party products: There are some products which require 1-second open loop as the disconnect signal.

Programming

Make the appropriate changes to the following programs.

1. Program 200: Basic Tab, FB53 – Analog Disconnect Signal. The default is Disable; change it to Enable (as shown below).

The screenshot shows a programming interface with tabs: Basic, DKT, DSS, Key, Timer, and Ring Down. The 'Basic' tab is selected. At the top, 'Prime DN' is set to 220. Below are two columns of settings, each with a label and a dropdown menu. A black arrow points to the '53 Analog Disconnect Signal' dropdown, which is currently set to 'Enable'.

Label	Value
27 Dial Directory	Enable
30 Set System Speed Dial	Disable
32 Auto OCA	Enable
34 RSTU Supervision	Received
36 Std.Telephone Dial Type	
38 Dialing Digit Restriction	
40 MW & DND Dial Tone	Enable
42 Tenant Number	1
44 Auto-Campon to PDN	Disable
46 Network Calling Number	
48 My Phone Manager Level	Normal
50 SLT Off-Hook Preference	Internal Acce
51 Calling Name Type	DEFAULT
53 Analog Disconnect Signal	Enable
28 Door Ovr DND	Not Override
31 Network COS	1
33 Originate OCA	Enable
35 Station SpDial Bins	0=none
37 Call Forward Dial Tone	
39 CO Park & Hold	Disable
41 Activate Message Waiting	Enable
43 Hook-Switch Recall	Enable
45 LCR PDN Code	ThreeDigits
47 Security Code	
49 SLT MW/CLID Option	Relay Control
CO Line or OLG Number	0
52 Simple System SpeedDial	Disable

2. Program 208, FB09: Analog Station Disconnect Timer – for each terminal, from 0 to 120 seconds, Default = 1 second (shown right).

Note Both parameters are only applicable for the new BSTU2A / BSTCIU2A card. These two parameters have no effect on other types of stations even when the parameter is enabled.

Basic DKT DSS Key

Prime DN 217

208 STATION TIMER ASSIGNMENT

01 Automatic Busy Redial Retry Count	15
02 Automatic Busy Redial Retry Interval Timer	60
03 Automatic Busy Redial Recall Timer	20
04 Hold Recall Timer	60
05 First Interdigit Timer	15
06 Second Interdigit Timer	5
07 Ring Xfer No Answer Timer	32
08 SLT MW Lamp Signal Timer	1
09 Analog Station Disconnect Signal Timer	1

Analog Station Disconnect Timer (for each terminal, from 0-120 seconds, Default = 1 second)
 The system sends disconnect signal after waiting for a certain time programmed by the administrator. The range of waiting time is from 0 to 120 seconds with a default value of 1 second. If 0 second is set, the system will send the signal as soon as it detects the disconnection by the destination party.
 This parameter is for analog stations whose terminal type is SLT. If the terminal type is DKT the values are ignored without any notice.

Submit

System Requirements

Strata CIX Processor	Strata CIX100 / CIX200 / CIX670 / CIX1200
Strata CIX Software version	R520MT033 or higher.
Network eManager	R520B11 or higher
Analog Station Card with Caller ID (8-ports)	BSTCIU2A
Analog Station Card with no Caller ID (8-ports)	BSTU2A
Strata CIX Quote	VR5.20T04

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