



Disasters in a communication network are often very difficult to predict and there is usually a very small advance notice when a communication line goes down. bero*fos provides an effective way for dealing with such unexpected events by re-routing the lines to a back-up line when undesirable changes are detected. Therefore beroNet provides bero*fos, a solution device for Asterisk Clustering and failover scenarios that requires a physical reconnection of analogue, BRI or PRI lines. Two failover scenarios, Failover and Bypass mode, are supported as described in figure 1 and figure 2:

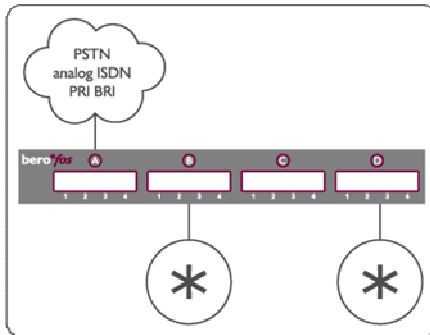


Figure 1: Failover switching mode

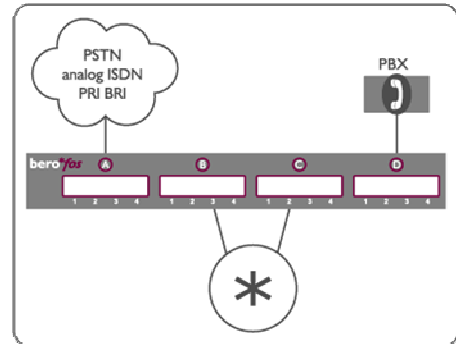


Figure 2: Bypass mode

Additionally the bero*fos provides 2 switchable powerports on the rear site for remote reboot purposes of the connected devices.

All features and settings can easily be managed via a web browser. For custom applications the bero*fos can be managed via syslog and an API which is provided to the customers.

Features:

- 4 x 4 RJ45 ports to switch up to 4 BRI (8 BRI with BN850 card) or 4 PRI interfaces
- All 8 pins of each RJ45 are switched
- Failover and Bypass mode scenarios
- Fully controllable over TCP/IP or WebInterface with 10/100 Base T Ethernet
- Onboard watchdog for automatic failover switching
- Onboard e-mail notification in failover cases
- Syslog output to control the device for individual customer applications
- Two switchable powerports on the rear for remote reboot purposes