# bero*fos

## bero*fos failover switch

A communication network breakdown is often very difficult to predict and usually there is only a weak 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 analog, BRI or PRI lines. Two failover scenarios, failover and bypass mode, are supported as described in figure 1 and figure 2:
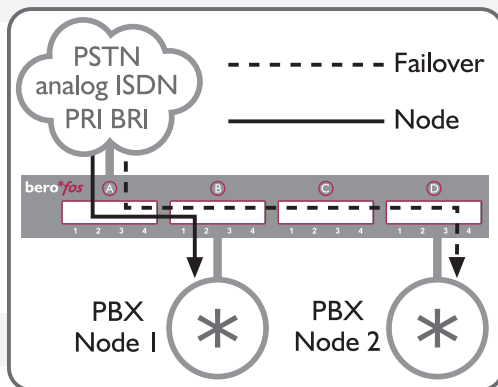


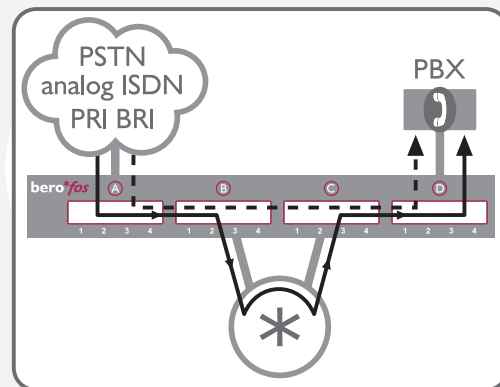Figure 1: Failover switching mode



Figure 2: Bypass mode

bero*fos provides two additional switchable powerports on the rear, which can be used to reboot the connected devices by remote control. All features and settings can easily be managed via a web browser. The bero*fos can be accessed via syslog and an API for custom applications.

### Features:

- 4 x 4 RJ45 ports to switch up to 4 BRI (8 BRI with BN8S0 card) or 4 PRI interfaces
- All 8 pins of each RJ45 are switched
- Failover and bypass mode scenarios
- Fully controllable over TCP/IP or web interface 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