How to configure your VoIP Stargate (BlueStar) in "four" steps

1st **step** set IP address of the StarGate CPU card according to conditions in your LAN (192.168.1.100 by default)

2nd step set IP addresses in the VoIP menu

- 1. Set the IP address **from** which the StarGate obtain the VoIP traffic (if there is written the IP address 0.0.0.0 traffic from all IP addresses is accepted)
- 2. Set the IP address **to** which the StarGate send the VoIP traffic (if there is written IP address 0.0.0.0 it is not possible to establish incoming call, that's the way it is not necessary to fill it for terminating StarGate)
- 3. Set the public IP address the NATing router (firewall) if you want to use the SG behind the NAT
- 4. Set the IP address of the VoIP card (192.168.1.101 by default)

3rd **step** to configure the StarGate VoIP card basic settings.

- 1. Open the IP address of the VoIP card (192.168.1.101 by default) in the Internet browser
- 2. Log into the management interface (Admin/Admin by default)

	Ø	2N STARGATE VoIP card MG Module 1
 Ouick Setup Protocol Management Advanced Configuration Status & Diagnostics Software Update Save Configuration Reset 	Požadována autentizace Xadejke uživatelské jméno a heslo pro Realm1 na http://192.168.3.194 Zného uživatele: Heslo: Použik Správce hesel pro uložení tohoto hesla. OK	

- 3. In the in the menu **Quick setup**, the table **IP configuration** configure basic IP address settings of the VoIP card (IP address, mask, default gateway)
- 4. In the area Control protocol set the IP address of the CPU card

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		Quick Setup			
🦼 Quick Setup		ID Configuration		_	
🖌 Protocol Management		IP Configuration	100 100 2 104		
🔺 Advanced Configuration		IP Address	192.160.3.194	-	
Status & Diagnostics		Subnet Mask	200.200.202.0	-	
Software Update		Default Gateway Address	0.0.0.0		
Save Configuration		DNS Primary Server IP	0.0.0.0		
🔥 Reset		DNS Secondary Server IP	0.0.0.0	-	
		Enable DHCP Trunk Configuration	Disable		
		Protocol Type	E1 TRANSPARENT 30		
		Clock Master	Pacavarad		
		Eroming Method	Super Fromo		
		Line Code	HDB3		
		Control Protocol Configuration	TIDB5		
		Control Protocol Type	MGCP		
		Call Agent IP	192 168 3 193		
		Call Agent Port	5060		
		Call Agent Pemain Name	5000		
		Cataway Nama	2N	-	
		Endnoint Brafix	214		
		Trunk Name		-	
		Lindik (48)THE			
		Reset	t		

- 5. Double-check your configuration
- 6. Click on the **RESET** button for reset the card

4th **step** configure the LCR of the StarGate as usually and connect the VoIP card and LAN port of the CPU card on the same Ethernet switch (**the VoIP card and CPU has to be on the same IP subnet!!!**)

Now you can make a test call

Notice: For this type of configuration (peer to peer) you have to configure in your router (softswitch) SIP line to IP address of the StarGate's CPU card. The StarGate uses ports: 5060 for SIP signalization (UDP) 23 for managing (TCP) RTP 4000

The StarGate uses ports: 5060 for SIP signalization (UDP), 23 for managing (TCP), RTP 4000 and more (UDP)