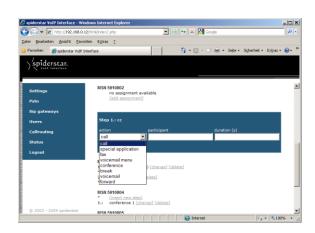


Case study

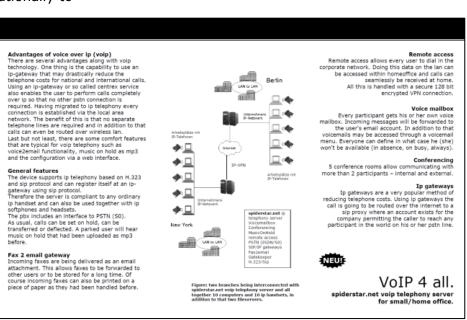
VoIP based pbx system for business

When our customer, a consulting company, first approached us in 2003 and asked us to work out a voip solution for their small and medium sized offices we were skeptical: a lot of heterogeneous internet telephony solutions had been around for many years – many of those known for their low voice quality, time lags and one-way audio. Could voip really be the future? "Think the unthinkable" we delivered a first prototype of a voip pbx system for small and medium sized offices. The first one providing a web based user interface to Asterisk, our technical choice for the underlying opensource voip engine which just had been released in version 1. Testing out the system with customers we concluded that results were very promising which brought us to the decision to finalize the system with additional features which had been required by customers and offer it as a all-in-one solution including voip termination. In the years to follow we sold the system internationally to

customers including listed companies and built custom solutions on top including interactive voice response systems and solutions for callcenters. Even though low margins and increasing regulatory requirements brought us to iterate and finally retire the product the system is still in use today.



	spiderstar.
Model/Description	spiderstar VoIP Interface
Version	4.0.0
Software	
System	Linux
Scriptlanguage	PHP
Database	PostgreSQL
Telefony	+
VoIP signaling	SIP
Codecs	G.711/(G.729 - optional)
max. users	No limitation – users require license (3 free)
Fax (receive)	digital (T.38 support) as pdf
Fax (send)	digital (T.38 support) with email/pdf attachment
MusicOnHold	MP3
Voicemail	on absence/idle/busy /always as way file
Voicemail menu	Yes
Hold/transfer	yes
Conferences (press conference function)	In 5 conference rooms
Call forward	Yes (in pbx)
Day/night settings	With spezial applications
CDR protocol	In postgreSQL database
Ip gateway support	SIP/IAX2
LCR	Yes - in callrouting table
IVR	Multidimensional with announcements
Other	
Time	System time
Email delivery	With integrated smtp server (sendmail)
Smarthost support	Yes
Interface	Webbased (English/German/French/Spanish)



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