

Vigor SOHO Series

	Vigor120	Vigor130	VigorFly 210	Vigor2710e	Vigor2710ne	Vigor27110	Vigor2710n	Vigor2710Vn	Vigor27130	Vigor27130n	Vigor27130Vn	Vigor27110	Vigor27110n	Vigor2710Vn	Vigor2710VDn	Vigor2750	Vigor2750n	Vigor2750Vn	Vigor2760	Vigor2760n	Vigor2760Vn	Vigor2820	Vigor2820n	Vigor2820VS	Vigor2820Vn	Vigor2820VSn	Vigor2830	Vigor2830n	Vigor2830Vn	Vigor2830n-plus	Vigor2830Vn-plus	VigorIPPBX 2820	VigorIPPBX 2820n	Vigor2850	Vigor2850n	Vigor2850Vn	Vigor2850i	Vigor2860	Vigor2860n	Vigor2910	Vigor2910V	Vigor2910i	Vigor2920	Vigor2920n	Vigor2920Vn	Vigor2930	Vigor2930n	Vigor2930Vn	Vigor2930VS	Vigor2930VSn					
NAT																																																							
NAT Sessions ('000's)	5	10	25	5	6.5	10	10	10	30	30	30	10	10	10	10	15	15	15	15	30	30	30	15	15	15	15	15	50	50	50	50	50	15	15	50	50	50	50	50	50	10	10	10	50	50	50	20	20	20	20	20				
WAN																																																							
IPv6		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
ADSL/ADSL+/ADSL2/2+	✓	✓		✓	✓							✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
SDSL		✓																																																					
VDSL2															✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
Ethernet			1			1	1	1	1	1	1											1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2				
3G(Cellular)			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
4G LTE			✓					✓	✓	✓					✓	✓										✓	✓	✓	✓	✓																									
Analogue Dial-UP								✓	✓	✓					✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Backup (Fail-Over)		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Load-Balancing									Dual 3G	Dual 3G	Dual 3G									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
ISDN																																																							
ISDN Interface																						✓	✓							✓	✓								✓				✓				✓	✓		✓	✓				
LAN																																																							
Gigabit LAN									4	4	4				4	4	4	4	4	4	4	4	4	1	1	1	1	1	4	4	4	4	4	4	4	1	1	4	4	4	4	6	6			4	4	4							
Multiple LAN Subnets															✓	✓	✓									✓	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓				✓	✓	✓								
USB																																																							
USB NAS & Printer						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
WLAN																																																							
WiFi 802.11b/g																																																							
WiFi 802.11b/g/n		✓		✓		✓	✓		✓	✓					✓	✓							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VoIP																																																							
Phone Ports (FXS)							2		2			2	1		2		2				1	2	1			2		2	1	1			2				2				2			2		2	2	2							
POTS Passthrough (Lifeline)						✓			✓			✓	✓		✓		✓				✓	✓	✓			✓		✓	✓	✓			✓					✓			✓			✓			✓	✓	✓	✓	✓	✓			
FXO Ports																																																							
VoIP Encryption									✓						✓		✓					✓	✓	✓			✓		✓	✓	✓			✓					✓			✓			✓			✓	✓	✓	✓	✓	✓		
ISDN S0 intern																						up to 2	up to 2																											up to 2	up to 2				
ISDN S0 extern																						1	1																											1	1				
VPN																																																							
VPN Tunnels (In & Out)			1			2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
VPN Trunking																																																							
VPN Backup (Failover)																																																							
VPN Load balancing																																																							
SSL VPN																																																							
Firewall																																																							
CSM (Content Security Management)		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Physical Port DMZ																																																							
WCF (Commtouch GlobalView Web Content Filter)		✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
fragFINN (white list only available in Germany)		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
BPJM (free WCF, hosted server in Germany)		✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
UTM (All/AV/AS)																																																							
Bandwidth Management																																																							
APP QoS						✓	✓	✓				✓	✓	✓								✓	✓	✓	✓																														
Management																																																							
DrayTek SmartMonitor (Network Traffic Analyzer)																																																							
VigorACS SI (TR-069)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Rack Mountable																																																							

Product is subject to the announcement of official website, for more information or any updates, please refer to www.draytek.com, or contact with your local partner.

Vigor Mid-size Series

	Vigor2980	Vigor300B	Vigor3100	Vigor3100G	Vigor3100V	Vigor3100i	Vigor3120	Vigor3200	Vigor3200n	Vigor3300V+	VigorIPPBX 3510	VigorPro 3900	VigorPro 5300	VigorPro 5300n	VigorPro 5300Vn	VigorPro 5300VS	VigorPro 5300VSn	
NAT																		
NAT Sessions ('000's)	80	100	15	15	15	15	100	100	30	15		40	40	40	40	40		
WAN																		
IPv6	✓	✓					✓	✓			✓							
ADSL/ADSL+/ADSL2/2+																		
SDSL			✓	✓	✓	✓												
VDSL2																		
Ethernet	2	4					4	4	4	1	4	2	2	2	2	2	2	
3G(Cellular)		✓	✓	✓	✓	✓	✓	✓		✓	✓							
4G LTE																		
Analogue Dial-UP																		
Backup (Fail-Over)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Load-Balancing	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ISDN																		
ISDN Interface						✓										✓	✓	
LAN																		
Gigabit LAN	4	2					1	1			2							
Multiple LAN Subnets	✓	✓					✓	✓	✓		✓							
USB																		
USB NAS & Printer	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓							
WLAN																		
WiFi 802.11b/g				✓														
WiFi 802.11b/g/n								✓				✓	✓		✓			
VoIP																		
Phone Ports (FXS)					2				up to 8	up to 8			2	2	2			
POTS Passthrough (Lifeline)				✓					✓				✓	✓	✓			
FXO Ports									up to 8	up to 8								
VoIP Encryption				✓					✓				✓	✓	✓			
ISDN S0 intern									up to 8	up to 8								
ISDN S0 extern									up to 8	up to 8								
VPN																		
VPN Tunnels (In & Out)	200		32	32	32	32	32	64	64	200	32	500	100	100	100	100	100	
VPN Trunking	✓	VPN Backup (Failover)						✓	✓	✓		✓	✓					
		VPN Load balancing						✓	✓	✓		✓						
SSL VPN	100						10	10				200	30	30	30	30	30	
Firewall																		
CSM (Content Security Management)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Physical Port DMZ	✓	✓					✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
WCF (CommTouch GlobalView Web Content Filter)	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
fragFINN (white list only available in Germany)																		
BPJM (free WCF, hosted server in Germany)	✓						✓	✓		✓	✓	✓						
UTM (AI/AV/AS)												✓	✓	✓	✓	✓	✓	
Bandwidth Management																		
APP QoS																		
Management																		
DrayTek SmartMonitor (Network Traffic Analyzer)	100	100					100	100	100	100	200							
VigorACS SI (TR-069)	✓	✓					✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
Rack Mountable																		
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

IPPBX Series

	VigorIPPBX 2820 series		VigorIPPBX 3510
	2820	2820n	
IP PBX			
SIP Account	50	50	100
Registration and Authentication	✓	✓	✓
BLF (Busy-lamp Field) (Work with VigorPhone350)	✓	✓	✓
Hunting Group	✓	✓	✓
IVR	✓	✓	✓
Calendar	✓	✓	✓
Dial Plan (Digi Map)	✓	✓	✓
Session Monitor	✓	✓	✓
Call Detail Records	✓	✓	✓
DID	✓	✓	✓
Extension Privilege Assign	✓	✓	✓
PIN Code Control	✓	✓	✓
Call Barring	✓	✓	✓
Call Routing	✓	✓	✓
Call Park*	✓	✓	✓
Call Pickup	✓	✓	✓
In/Outbond Call Through FXO Interface*	✓	✓	✓
In/Outbond Call Through ISDN-TE Interface	✓	✓	✓
User-defined Prompts	✓	✓	✓
Automated Attendant	✓	✓	✓
Voice Message to Email	✓	✓	✓
Voice Mail	✓	✓	✓
MWI (Message Waiting Indicator)	✓	✓	✓
Music on Hold	✓	✓	✓
1 Conference Bridge*			
VoIP			
FXS	1	1	4 FXS, 4 FXO
PSTN Loop-through	✓	✓	✓
ISDN S0 intern	Up to 2	Up to 2	Up to 8
ISDN S0 extern	Up to 2	Up to 2	Up to 8
ISDN Loop-through			
Codec	G.711, G.723.1, G.726, G.729, iLBC		✓
DSP Features	G.168 Line Echo-Cancellation		✓
	Jitter Buffer (ms)	180ms	180ms
	Caller ID	✓	✓
xDSL			
ADSL	G.992.1 (G.dmt)		✓
	G.992.2 (G.lite)		✓
	T1.413 issue 2		✓
ADSL2	G.992.3 (G.dmt.bis)		✓
ADSL2+	G.992.5		✓
	Annex M & Annex L		✓
LAN			
	1 Giga Port + 3 10/100 Port		4 10/100 Port
USB Port for Printer or 3.5G USB Modem or File System			
	Printer /3.5G USB Modem /File System		USB 2.0 Storage
ISDN			
	✓	✓	All 4 TE, 2TE / 2NT
Management			
HTTP / HTTPS	✓	✓	✓
Telnet / SSH	✓	✓	✓
TR-069	✓	✓	✓
TR-104	✓	✓	✓

Fiber Series

	VigorFly 210F series		Vigor2110F series			Vigor2130F series			Vigor2920F series			Vigor2960F
	210F	210FV	2110F	2110Fn	2110FVn	2130F	2130Fn	2130FVn	2920F	2920Fn	2920FVn	2960F
Fiber Interface	1-SFP		1-SFF			1-SFP			1 Giga WAN + 1 SFP			1 Giga WAN + 1 SFP
WAN												
Load-Balance	✓	✓							✓	✓	✓	✓
Fail-Over	✓	✓							✓	✓	✓	✓
BoD (Bandwidth on Demand)									✓	✓	✓	✓
LAN												
LAN	4-Port 10/100 Switch		4-Port 10/100 Switch			4 Giga Port			4 Giga Port			4 Giga Port
USB Port for Printer or 3.5G USB Modem or File System												
	3.5G/LTE/WMAX		Printer /3.5G USB Modem			Printer /3.5G USB Modem			Printer /3.5G USB Modem			Printer /3.5G USB Modem
ISDN												
Wireless	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	802.11n	
MAC Address Access Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEP / WPA / WPA2 Encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
802.1X Authentication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless LAN Isolation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless VLAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multiple SSID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wireless Rate Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AP Discovery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WDS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WMM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VoIP												
Protocol	SIP, RTP / RTCP		SIP, RTP / RTCP			SIP, RTP / RTCP			SIP, RTP / RTCP			SIP, RTP / RTCP
SIP Account	6		6			6			6			6
FXS	2		2			2			2			2
PSTN Loop-through	1		1			1			1			1
ISDN S0 intern												
ISDN S0 extern												
ISDN Loop-through												
Codec	G.711, G.723.1, G.726, G.729		G.711, G.723.1, G.726, G.729			G.711, G.723.1, G.726, G.729			G.711, G.723.1, G.726, G.729			G.711, G.723.1, G.726, G.729
DSP Features	G.168 Line Echo-Cancellation		G.168 Line Echo-Cancellation			G.168 Line Echo-Cancellation			G.168 Line Echo-Cancellation			G.168 Line Echo-Cancellation
	Jitter Buffer (ms)		180ms			180ms			180ms			180ms
	Caller ID		✓			✓			✓			✓
FAX / Modem Support	G.711 Pass-through / T.38		G.711 Pass-through / T.38			G.711 Pass-through / T.38			G.711 Pass-through / T.38			G.711 Pass-through / T.38
Supplemental Services												
Internal Call	Call Hold / Retrieve / Waiting		✓			✓			✓			✓
	Call Waiting with Caller ID		✓			✓			✓			✓
	Call Forwarding (Always, Busy, No Answer)		✓			✓			✓			✓
	DND (Do not Disturb) / Hotline		✓			✓			✓			✓
	MWI (Message Waiting Indicator)		✓			✓			✓			✓
DTMF Tone	Inband, Outband (RFC-2833), SIP Info		Inband, Outband (RFC-2833), SIP Info			Inband, Outband (RFC-2833), SIP Info			Inband, Outband (RFC-2833), SIP Info			Inband, Outband (RFC-2833), SIP Info
DialPlan	Phone Book / Digit Map		✓			✓			✓			✓
	Call Barring		✓			✓			✓			✓
VPN												
Tunnel	1	1	2	2	2	2	2	2	32	32	32	200
Protocol	PPTP, L2TP, IPSec, L2TP over IPSec		PPTP, L2TP, IPSec, L2TP over IPSec			PPTP, L2TP, IPSec, L2TP over IPSec			PPTP, L2TP, IPSec, L2TP over IPSec			PPTP, L2TP, IPSec, L2TP over IPSec
Encryption	AES		✓			✓			Hardware			Hardware
	DES / 3DES		✓			✓			Hardware			Hardware
	MPPE		✓			✓			✓			✓
Authentication	MD5, SHA-1		✓			✓			✓			✓
IKE Authentication	Pre-shared Key		✓			✓			✓			✓
	Digital Signature		✓			✓			✓			✓
NAT-Traversal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DHCP over IPSec	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VPN Backup	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VPN Load-Balance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bandwidth Management												
Policy-based QoS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bandwidth / Session Limitation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Firewall												
Object-based Firewall			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Policy-based IP Filter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DoS / DDoS Prevention	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bind IP to MAC Address	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
E-Mail Alert	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CSM (Content Security Management)												
CSM (Content Security Management)			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Fiber Series(Project base)

Unified Security Firewall

	VigorPro 5300 series					VigorPro 5510 series	
	5300	5300n	5300Vn	5300VS	5300VSn	5510	5510Gi
Dual-WAN							
Load-Balance	✓	✓	✓	✓	✓	✓	✓
Fail-Over	✓	✓	✓	✓	✓	✓	✓
BoD (Bandwidth on Demand)	✓	✓	✓	✓	✓	✓	✓
LAN							
	4-Port Switch					5 Giga Port	
USB Port							
Printer Server						✓	✓
3.5G USB modem						✓	✓
Wireless							
MAC Address Access Control		802.11n	802.11n		802.11n		Super G™
WEP/WPA/WPA2 Encryption	✓	✓	✓	✓	✓	✓	✓
802.1X Authentication	✓	✓	✓	✓	✓	✓	✓
Wireless LAN Isolation	✓	✓	✓	✓	✓	✓	✓
Wireless VLAN	✓	✓	✓	✓	✓	✓	✓
Multiple SSID	✓	✓	✓	✓	✓	✓	✓
Wireless Rate Control	✓	✓	✓	✓	✓	✓	✓
AP Discovery	✓	✓	✓	✓	✓	✓	✓
WDS	✓	✓	✓	✓	✓	✓	✓
Anti-Virus							
Scan SMTP, POP3, HTTP, IMAP, FTP	✓	✓	✓	✓	✓	✓	✓
Scan ZIP / GZIP / BZIP2	✓	✓	✓	✓	✓	✓	✓
Scan encrypted VPN tunnels	✓	✓	✓	✓	✓	✓	✓
Automatic virus signature update	✓	✓	✓	✓	✓	✓	✓
Automatic alert when signature update service expires	✓	✓	✓	✓	✓	✓	✓
Real-time e-mail / syslog alert when virus is detected	✓	✓	✓	✓	✓	✓	✓
Anti-Intrusion							
Rule-based detection list	✓	✓	✓	✓	✓	✓	✓
Pass / block / reset when intrusion is detected	✓	✓	✓	✓	✓	✓	✓
Automatic intrusion signature update	✓	✓	✓	✓	✓	✓	✓
Automatic alert when signature update service expires	✓	✓	✓	✓	✓	✓	✓
Real-time e-mail / syslog alert when under attack	✓	✓	✓	✓	✓	✓	✓
Supplemental Services	✓	✓	✓	✓	✓	✓	✓
Anti-Spam							
Scan SMTP/POP3	✓	✓	✓	✓	✓	✓	✓
Real-time e-mail/Syslog alert	✓	✓	✓	✓	✓	✓	✓
Black/White list	✓	✓	✓	✓	✓	✓	✓
VoIP							
Protocol	SIP, RTP / RTCP		SIP, RTP / RTCP			SIP, RTP / RTCP	
SIP Account	6		6			6	
FXS	2		2			2	
ISDN S0			Up to 2			Up to 2	
ISDN On-net / Off-net / Loop-through			Up to 2			Up to 2	
Codec	G.711, G.723.1, G.726, G.729, VAD / CNG		G.711, G.723.1, G.726, G.729, VAD / CNG			G.711, G.723.1, G.726, G.729, VAD / CNG	
DSP Features	G.168 Line Echo-Cancellation		G.168 Line Echo-Cancellation			G.168 Line Echo-Cancellation	
	Jitter Buffer (ms)		125ms			125ms	
	Caller ID		✓			✓	
FAX / Modem Support	G.711 pass-through / T.38		G.711 pass-through / T.38			G.711 pass-through / T.38	
Supplemental Services							
Internal Call	Call Hold / Retrieve / Waiting / Transfer		✓			✓	
	Call Waiting with Caller ID		✓			✓	
	Call Forwarding (Always, Busy, No Answer)		✓			✓	
	DND (Do not Disturb) / Hotline		✓			✓	
	MWI (Message Waiting Indicator)		✓			✓	
DTMF Tone	Inband, Outband (RFC-2833), SIP Info		Inband, Outband (RFC-2833), SIP Info			Inband, Outband (RFC-2833), SIP Info	
DialPlan	Phone Book / Digit Map / Call Barring		✓			✓	
VPN							
Tunnel	100	100	100	100	100	200	200
Protocol	PPTP, L2TP, IPSec, L2TP over IPSec		PPTP, L2TP, IPSec, L2TP over IPSec			PPTP, L2TP, IPSec, L2TP over IPSec	
Encryption	AES / DES / 3DES		Hardware			Hardware	
	MPPE		✓			✓	
Authentication	MD5, SHA-1		Hardware			Hardware	
IKE Authentication	Pre-shared Key / Digital Signature		✓			✓	
NAT-Traversal	✓	✓	✓	✓	✓	✓	✓
DHCP over IPSec	✓	✓	✓	✓	✓	✓	✓
VPN Backup & VPN loadbalance	✓	✓	✓	✓	✓	✓	✓
Bandwidth Management							
Policy-based QoS	✓	✓	✓	✓	✓	✓	✓
Bandwidth / Session Limitation	✓	✓	✓	✓	✓	✓	✓
Firewall							
Object-based Firewall	✓	✓	✓	✓	✓	✓	✓
Policy-based IP Filter	✓	✓	✓	✓	✓	✓	✓
DoS / DDoS Prevention	✓	✓	✓	✓	✓	✓	✓
Bind IP to MAC Address	✓	✓	✓	✓	✓	✓	✓
E-Mail Alert	✓	✓	✓	✓	✓	✓	✓
CSM (Content Security Management)							
CSM (Content Security Management)	✓	✓	✓	✓	✓	✓	✓
SSL VPN							
Web Application	✓	✓	✓	✓	✓	✓	✓
Tunnel mode	✓	✓	✓	✓	✓	✓	✓

* Firmware Upgradeable

WCF Comparison

Provider	Commtouch WCF	BPjM	fragFINN
Cost	Official License	Free Trial	Free Trial
Service		Blacklist	Whitelist
Applicable Area	Worldwide	Suggested for German-speaking area	Suggested for German-speaking area
User Feedback		Only German citizens	All German speaking countries (no limitation)
DB rule by		Youth Protection (§ 18 JuSchG)	Youth Protection
Applicable model	Firmware Version		
VigorFly210	1.1.0	1.1.0	1.1.0
Vigor1000	1.5.2	-	-
Vigor2110	3.3.5	3.3.5	3.6.3
Vigor2130	1.5.1.1	1.5.2	1.5.3
Vigor2710	3.3.5	3.3.5	3.6.3
Vigor2750	1.5.2	1.5.2	1.5.2
Vigor2760	1.1.0	1.1.0	1.1.0
Vigor2820	3.3.5	3.3.5	-
Vigor2830	3.3.6	3.6.4	3.6.3
Vigor2850	3.3.6.1	3.3.6.1	3.6.3
Vigor2860	3.7.0	3.7.0	3.7.1
Vigor2920	3.3.6	3.3.7	3.6.3
Vigor2925	3.7.1	3.7.1	3.7.1
Vigor2930	3.3.0	-	-
Vigor2950	3.3.0	-	-
Vigor2955	3.3.0	-	-
Vigor2960	1.0.5	-	-
Vigor300B	1.0.0	-	-
Vigor3200	3.3.6	-	-
Vigor3300	2.6.2	-	-
Vigor3300V PLUS	2.6.2	-	-
Vigor3900	1.0.3	-	-
VigorIPPPBX2820	3.5.5	-	-
VigorIPPPBX3510	3.5.5	-	-
VigorPro5300	3.3.4	-	-
VigorPro5500	3.3.4	-	-
VigorPro5510	3.3.4	-	-
VigorPro5510	3.3.4	-	-