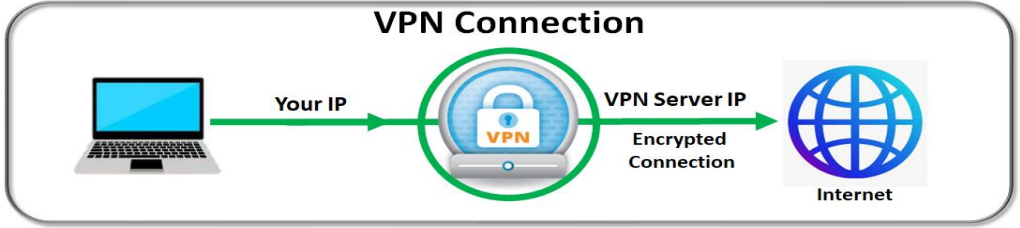
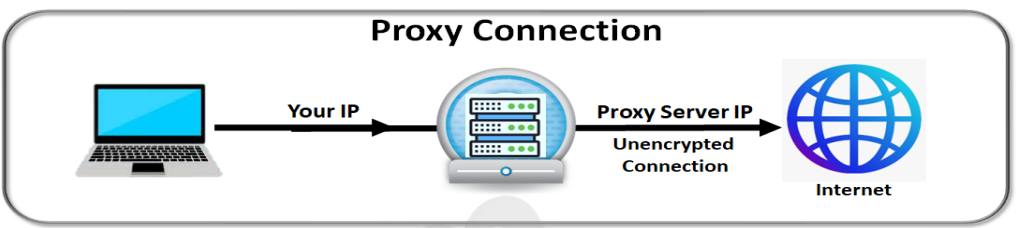


VPN vs Proxy

PARAMETER	VPN	PROXY
	 <p style="text-align: center;">VPN Connection</p>	 <p style="text-align: center;">Proxy Connection</p>
Philosophy	A virtual private network (VPN) is a computer network that uses public telecommunication infrastructure such as the Internet to provide remote offices or individual users with secure access to their organization's network.	a proxy server is a server or an application that acts as an intermediary for requests from clients seeking resources from other servers
Level of Security	High level of security with encryption up to 256 bits for both SSL and non-SSL connections	Low level of security compared to VPN for both SSL and non-SSL connections
Data Privacy	VPN makes sure that user data is totally encrypted and therefore threats to data privacy, in fact ISP can monitor VPN user activities.	Private data is vulnerable and can be intercepted.
Speed & Performance impact	VPN does not compromise the internet speed of user	Proxy server may reduce the speed and user experience like when proxy server is overloaded with requests , the response time slows down etc.
Cost	High on cost	Low on cost especially when high number of clients/users.
Setup	Complex setup and require skilled resource to setup.	Easy to deploy
Browser compatibility	Compatible with all Operating system and devices	Limited to certain browsers only
Deployment type	VPN connections are configured on system-by-system basis	proxy server connections are configured on an application-by-application basis
Principle of working	A VPN just encapsulates the traffic before sending to target	A proxy server modifies your traffic before it gets to the target.