

Securing Communications for IMS



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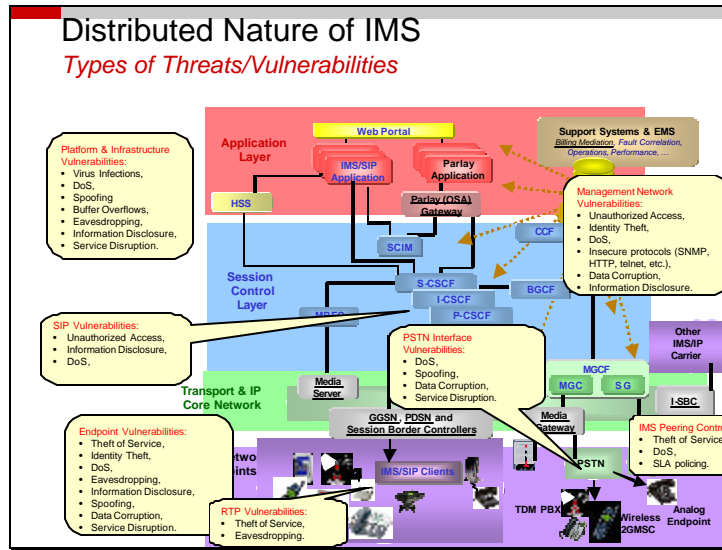
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IMS & VoIP – How do they differ?

	VoIP (non-p2p VoIP)	IMS
Call Control/ Call model	centralized (softswitch)	Distributed functionality
Signaling	SIP	SIP
Identity	1 identity per SS	centralized HSS stores identity across all apps
Applications	Voice	Voice, IM, location, apps, video, etc

So how might I change my security approach in an IMS environment?



Distributed Nature of IMS

Security Functions within the IMS

- The distributed nature of IMS creates new requirements for distributed security and a holistic security design/implementation

