

Securing the VoIP Infrastructure

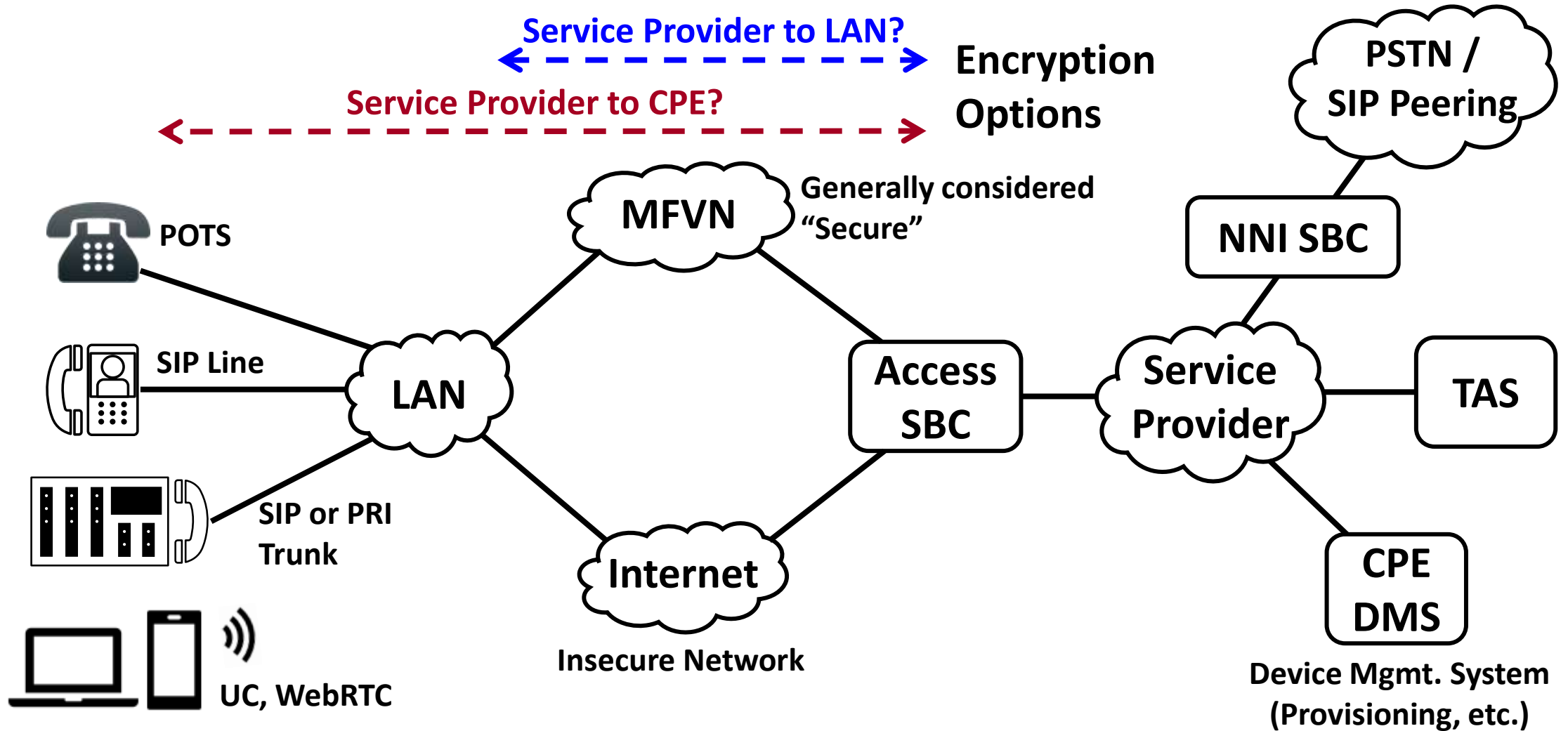
Panel Discussion

Jon Chleboun
Patrick Gardner
Ruibing Hao
Robert Kinder
Amitava Mukherjee

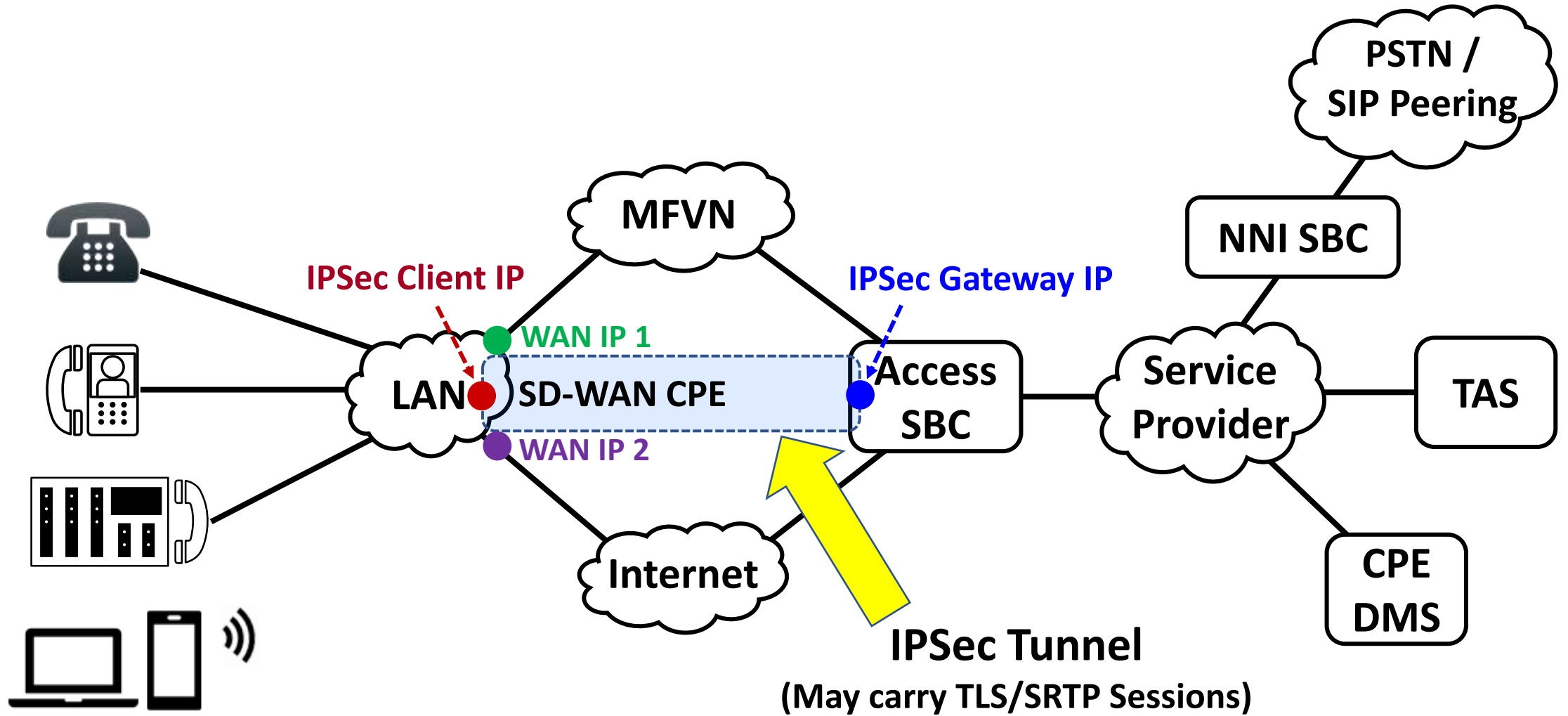
VoIP Infrastructure Security Issues

- What are we trying to safeguard?
 - For the Customer? Privacy, Regulatory Compliance, etc.
 - For the Service Provider? Risk, Revenue and Reputation.
- Voice Encryption Challenges & Constraints
 - Which Call Paths should be Encrypted? High Risk Legs only?
 - Cipher Suite Pros & Cons: TLS vs IPSec
 - CPE Provisioning & Security
- Security Hardening & Attack Mitigation

VoIP Network Architecture Security



Software Defined WAN (SD-WAN) & IPSec

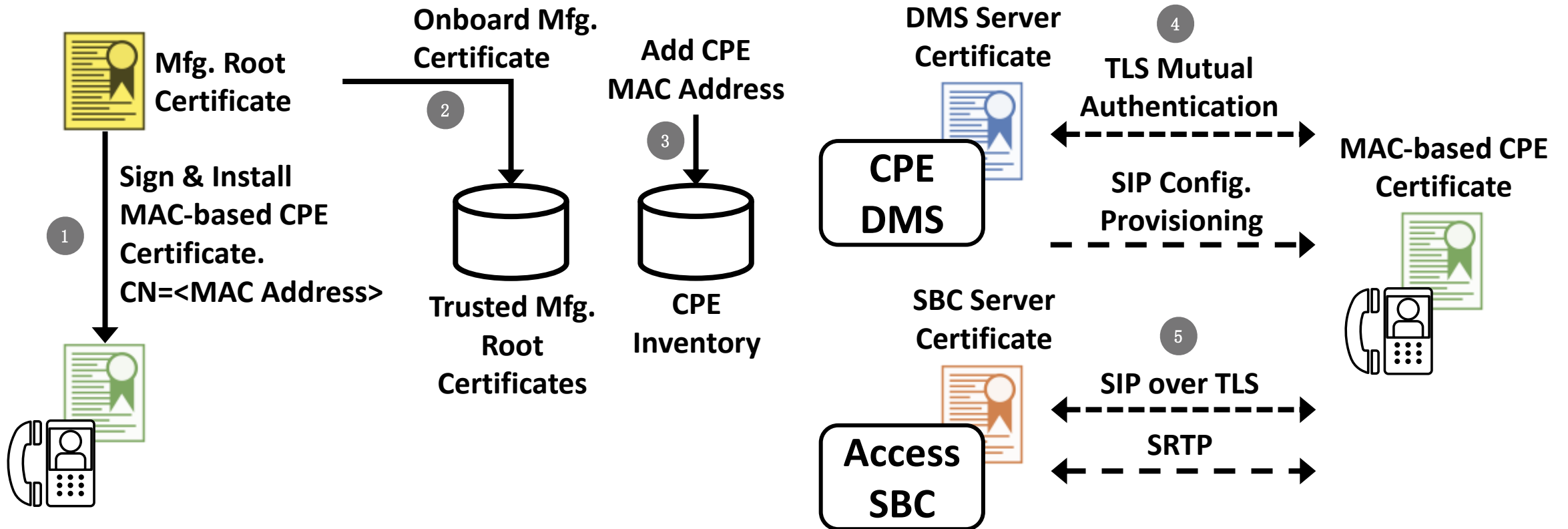


Secure CPE Provisioning & Encryption

CPE Manufacturer

Service Provider

Customer Premise



Security Hardening & Attack Mitigation

