

SCTE CABLE-TEC
EXPO'13
OCTOBER 21-24 / ATLANTA, GA

HOSTED PBX THE CHALLENGES

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Agenda

- ▶ Hosted PBX

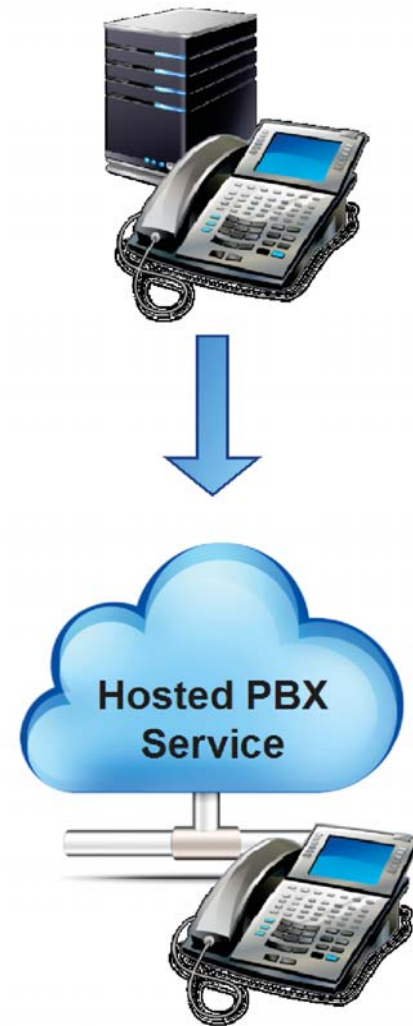
- ▶ The Challenges
 - Beyond the Demarcation
 - Device Management
 - Advanced Features

- ▶ Summary



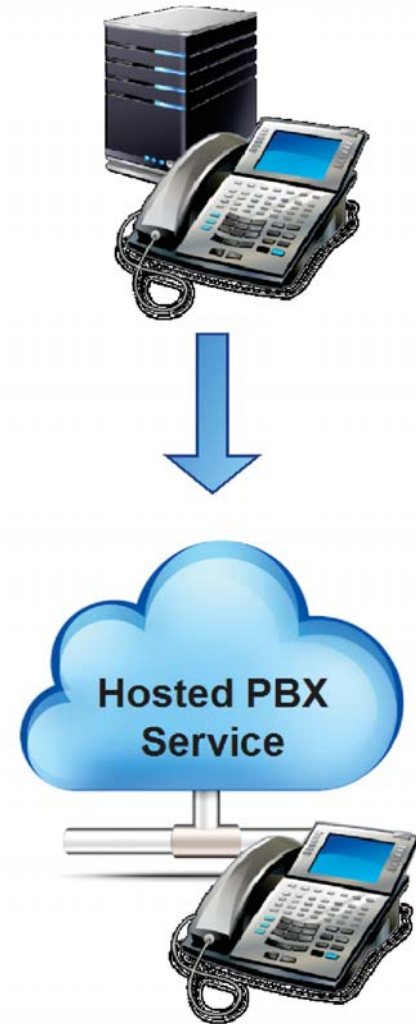
Hosted PBX

- ▶ Replaces premise PBX or Key System with hosted service
- ▶ Reduces complexity for customer
- ▶ Increases complexity for provider



The Challenges

- ▶ Beyond the Demarcation
- ▶ A New Level of Device Management
- ▶ The Advanced Features Challenge



Demarcation

Traditional Demarcation



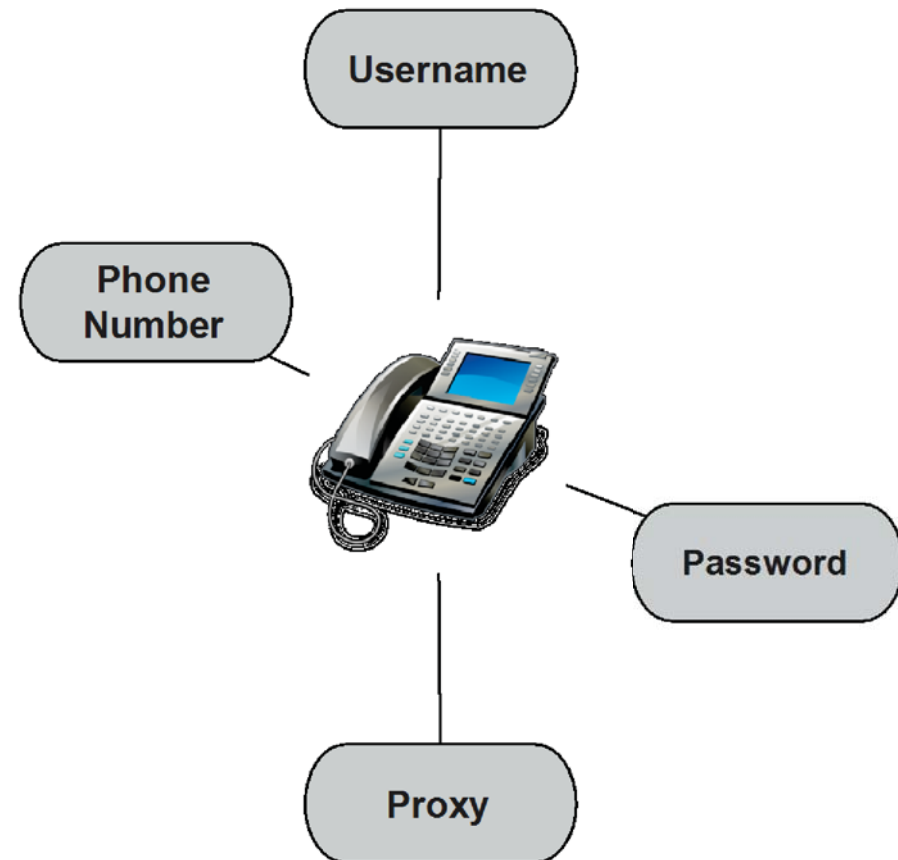
Demarcation

- ▶ Customer's network
- ▶ Quality of Service (QoS)
- ▶ Network management



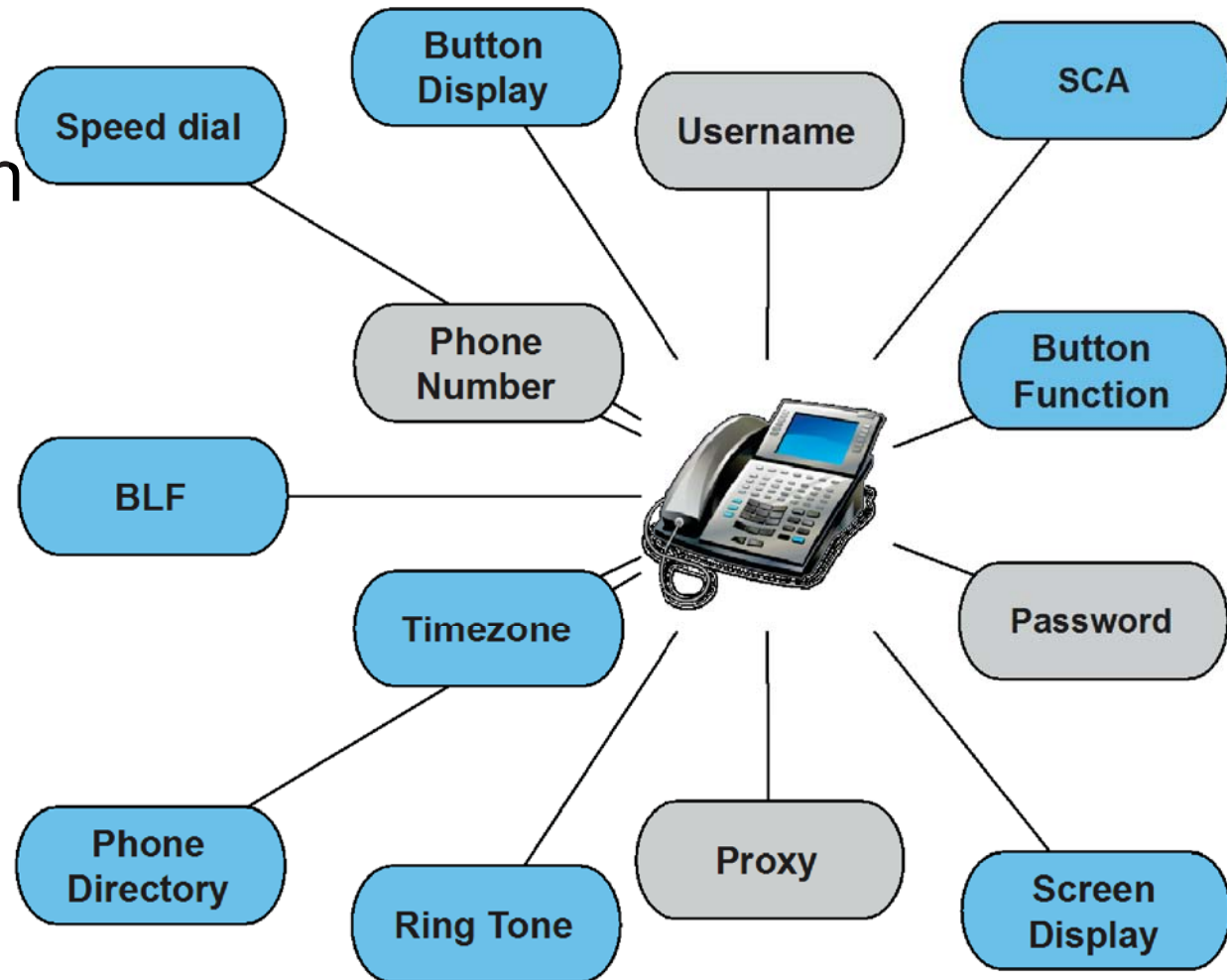
Device Management

- ▶ Limited configurations
- ▶ Minimal customer parameters
- ▶ Configuration is static



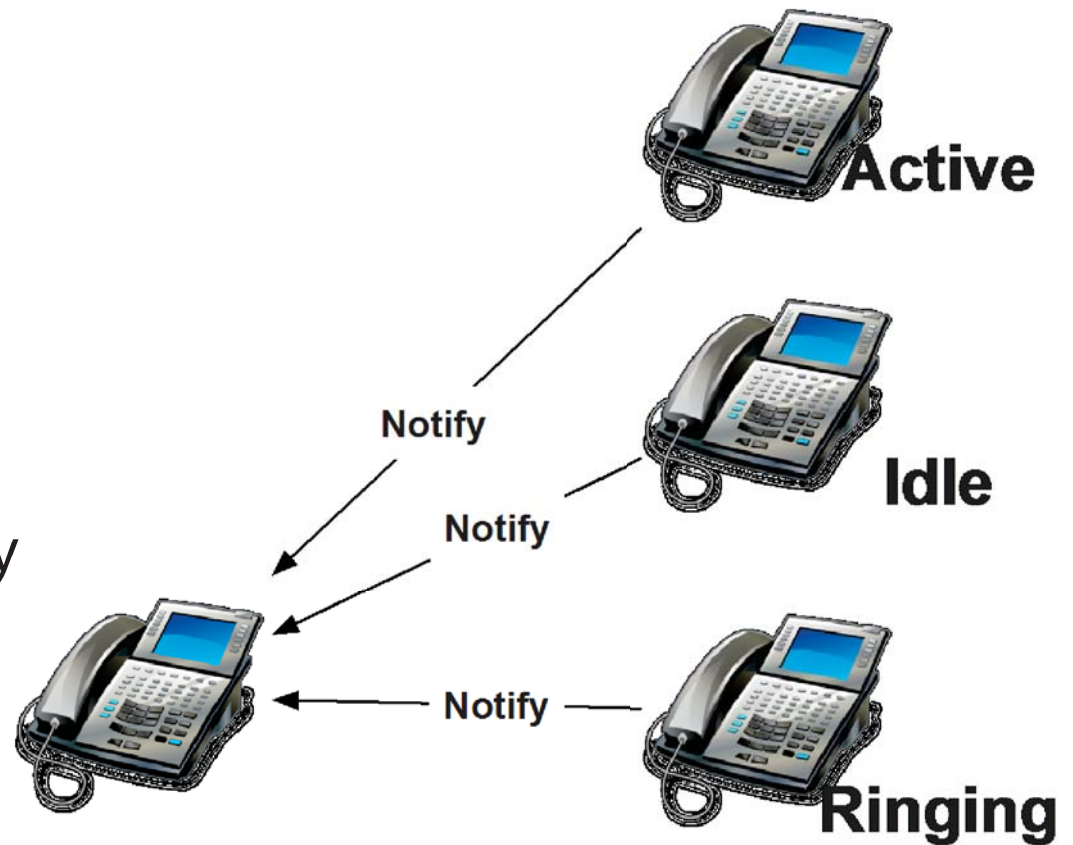
Device Management

- ▶ Increased configuration complexity
- ▶ Customized for each customer
- ▶ Dynamic



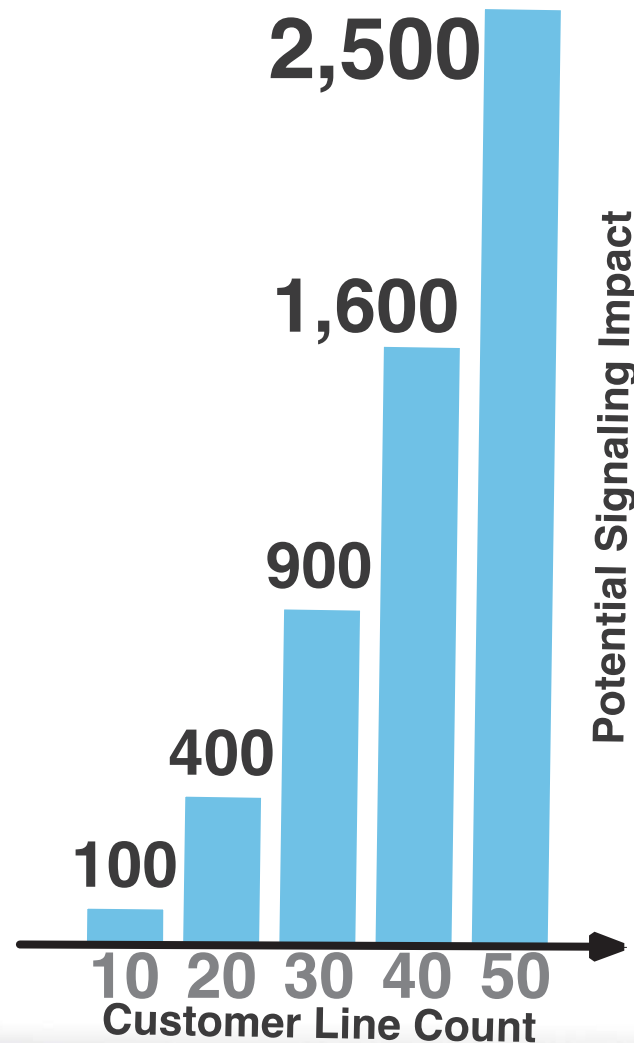
Advanced Features

- ▶ Most features do not change
- ▶ Event notifications
 - BLF & SCA
 - Presence
 - SIP Subscribe/Notify



Advanced Features

- ▶ Large message sizes
 - TCP
 - Interoperability
 - Troubleshooting
- ▶ SIP Notify quantity
 - Potential impact of N^2
 - Not scalable



Summary

- ▶ Demarcation
 - LAN management
 - QoS
- ▶ Device Management
 - Complex configurations
 - Dynamic
- ▶ Advanced Features
 - Increased message sizes
 - Unsupportable message quantities



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