



CompleteSBC

Intrusion Prevention for CompletePBX



Updated Launch Pad

XORCOM

COMPLETE
PBX
by Xorcom

Administration CompleteSBC My Extension My Switchboard Call Center Statistics

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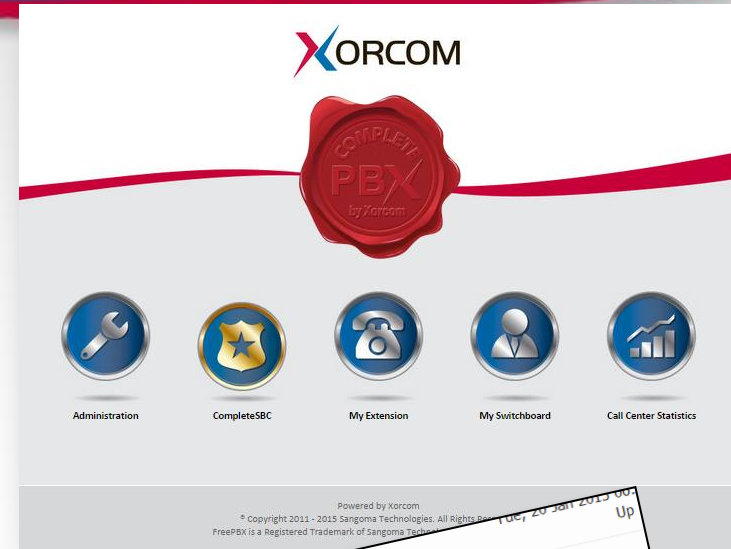
Security, Security, Security



- #1 priority for carriers; very high priority for customers
- CompleteSBC effectively seals the PBX:
 - CompleteSBC rejects all incoming SIP requests on its public interface (port 6075)
 - Admin must enable system to start using CompleteSBC
 - Default permitted Agent-Name list contains all SIP phones supported by the cPBX EPM, Zoiper, Asterisk and CompletePBX ('GHJ')
 - Admin should remove any irrelevant Agent-Names from list, and add relevant Agent-Names using the same syntax
 - SIP requests sent by endpoints with an Agent-Name that is not defined in the configuration are rejected

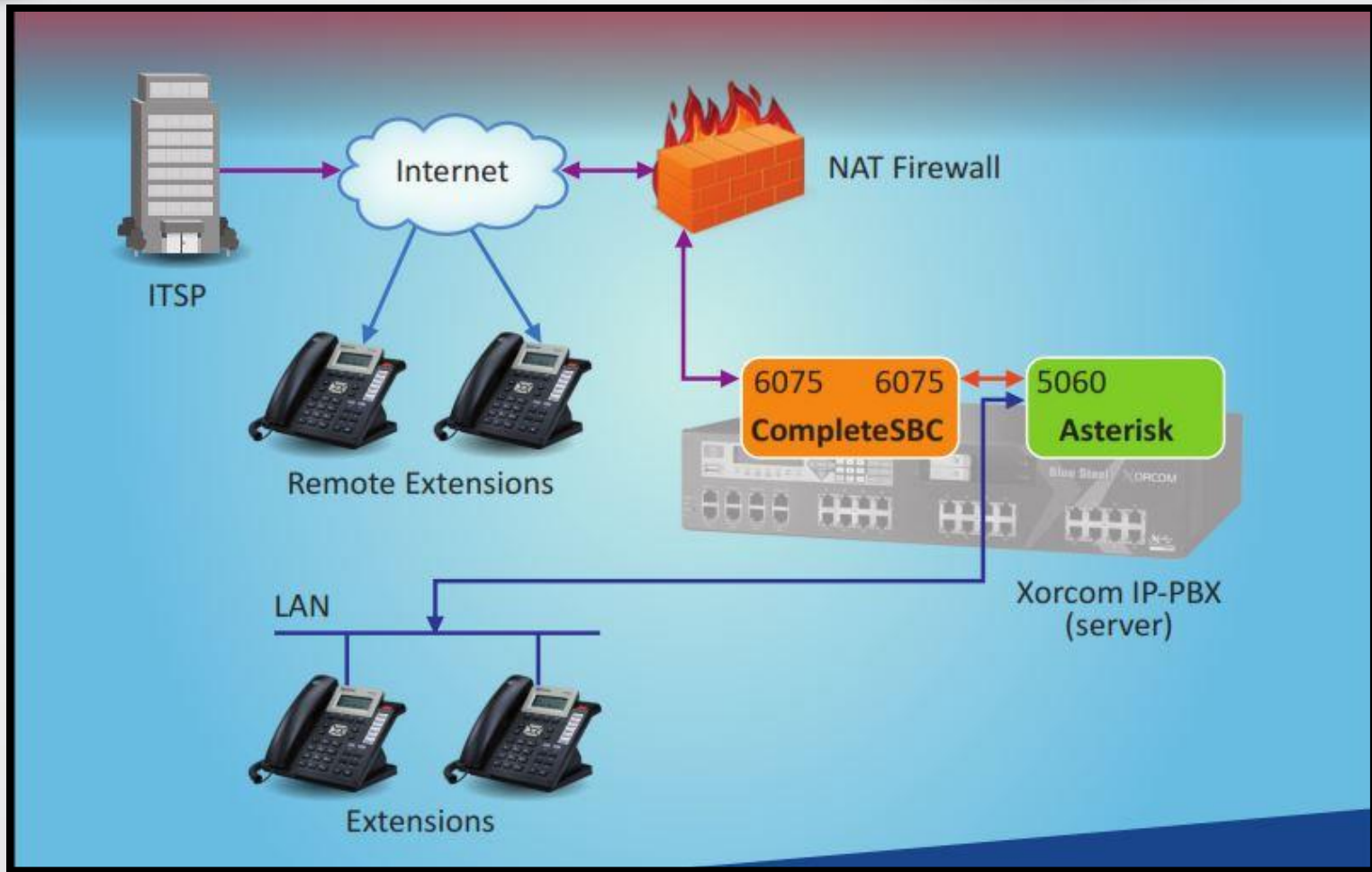
Integrated Session Border Controller

- Integrated in CompletePBX
- Pre-installed
 - Includes demo license for several simultaneous calls @ 90 sec.
- Graphical user interface
- Pre-configured and initially locked down
- Allows sophisticated rules



Interface name	Interface description	Interface type	System interface	IP address	Public IP address	Port(s)	Interface options
<input type="checkbox"/> ifxmi0	XMI interface	External mgmt.	eth0	192.168.0.215	-	-	edit
<input type="checkbox"/> medint1	Media internal	Media	lo	127.0.0.1	-	20002 - 20400	edit
<input type="checkbox"/> medpub1	Media public	Media	eth0	192.168.0.215	82.80.117.128	20002 - 20400	edit
<input type="checkbox"/> sigint	Signaling internal	Signaling	lo	127.0.0.1	-	6075	edit
<input type="checkbox"/> sigpub	Signaling public	Signaling	eth0	192.168.0.215	82.80.117.128	6075	edit

CompleteSBC Architecture



Security Measures Supported

- SIP firewall
 - Access control and fraud prevention
 - Denial of Service (DOS) and overload protection
- NAT traversal
- Smart routing
- Interoperability mediation
 - Beneficial especially for multiple provider implementations



Additional Information

- Software license
 - can be applied remotely
 - priced per channel
- 64-bit system (requires CompletePBX v. 4.6.x)
- For TwinStar configurations CompleteSBC needs to be installed on a separate server
 - This dedicated server should be chosen to support the maximum number of required simultaneous SIP calls





Thank You

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