

# Sonus distributed architecture. Class4 tandem switch building blocks.



**Sonus EMS**  
System monitoring and control



**Sonus SGX + hot standby**  
SS7 control  
SIGTRAN, TCAP, MTP



**Sonus PSX + hot standby**  
Routing engine  
Based on Oracle Enterprise Edition Database

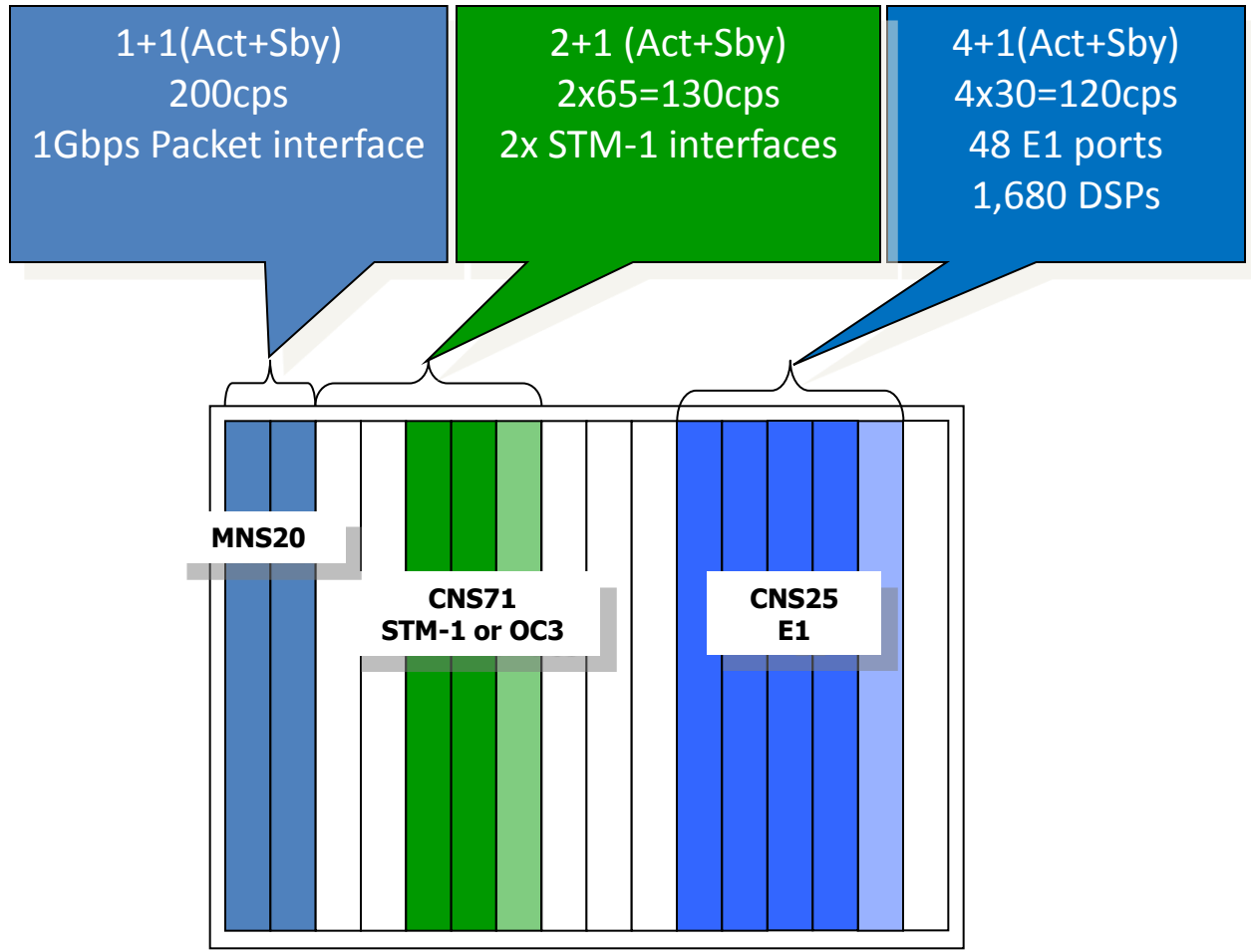


**Sonus DSI + hot standby**  
Accounting file recording, processing and storage



**Sonus GSX9000HD**  
16 card slots  
-48VDC redundant power supplies  
NEBS 3 certified

Each card has redundancy protection  
Scalable up to 14x STM-1 per chassis



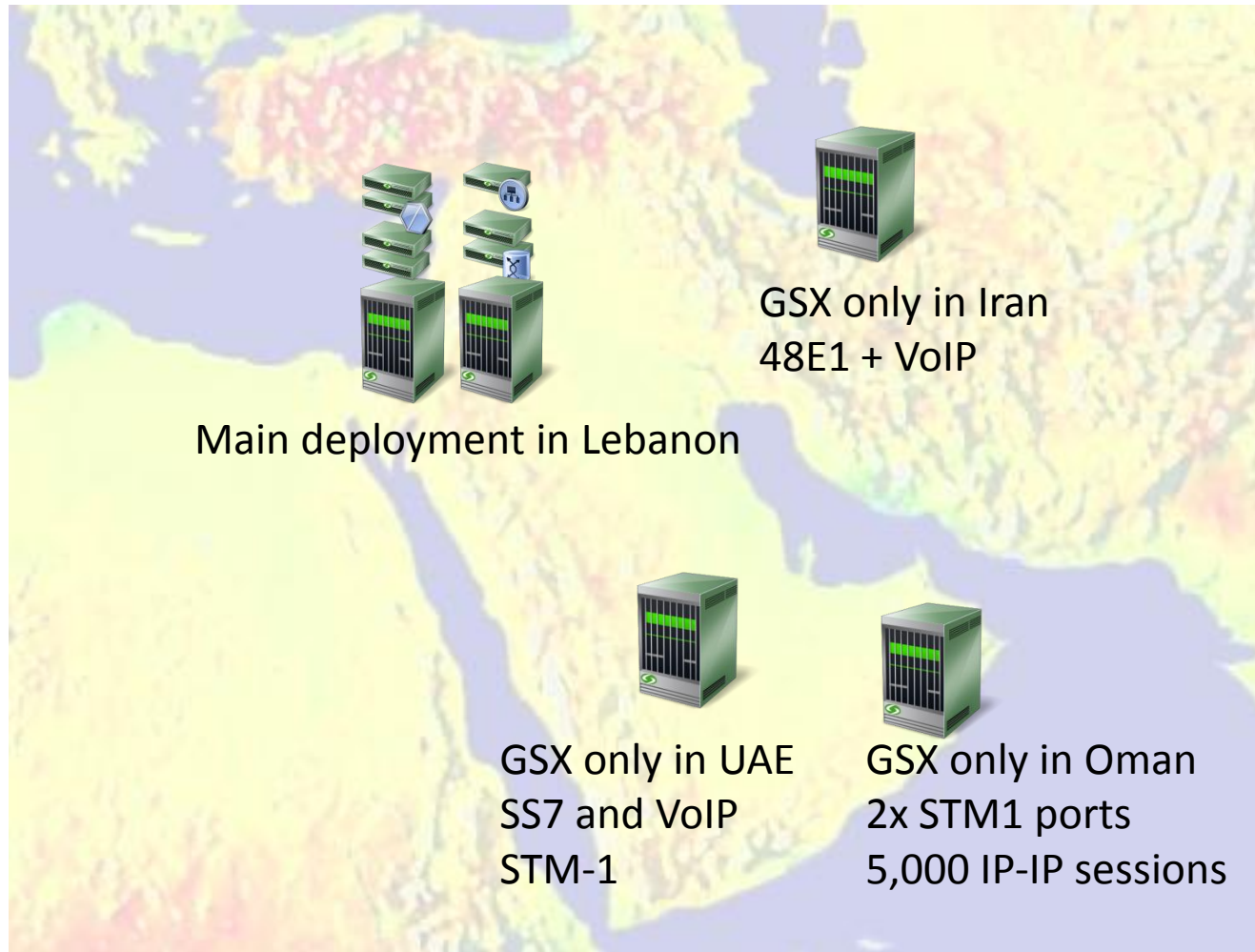
Sample configuration

Sonus GSX9000HD



# Sonus distributed architecture promotes scalability .

Remote POPs can be built with minimum hardware, making additional deployments inexpensive and fast to deploy.



# Typical network design for Sonus switch main site deployment

