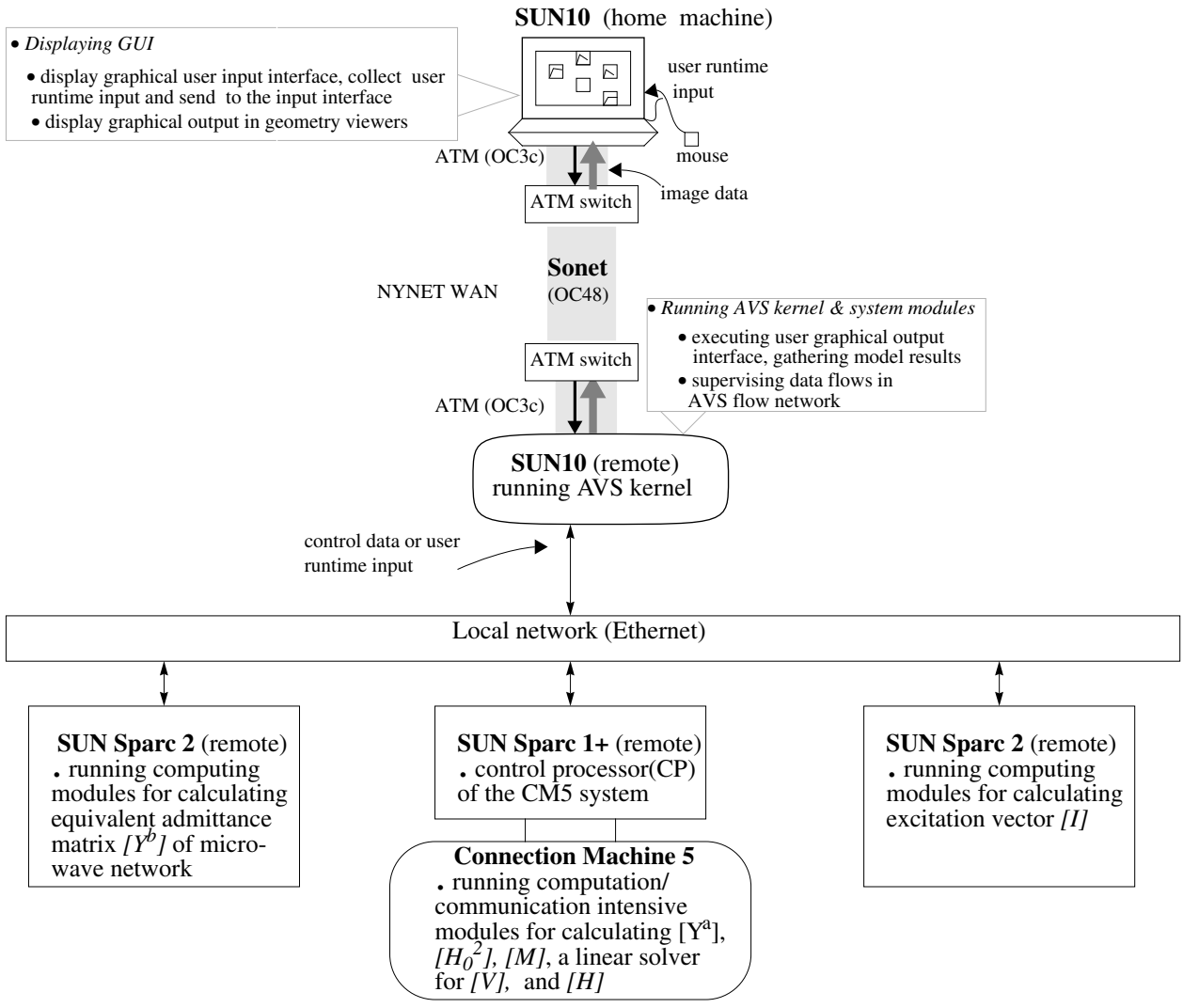
SUN10 (home machine)
• Displaying GUI
• display graphical user input interface, collect user runtime input and send to the input interface
• display graphical output in geometry viewers
user runtime input
mouse
ATM (OC3c)
image data
ATM switch
Sonet
(OC48)
NYNET WAN
• Running AVS kernel & system modules
• executing user graphical output interface, gathering model results
• supervising data flows in AVS flow network
ATM switch
ATM (OC3c)
SUN10 (remote) running AVS kernel
control data or user runtime input
Local network (Ethernet)
SUN Sparc 2 (remote)
. running computing modules for calculating equivalent admittance matrix [Y^b] of micro-wave network
SUN Sparc 1+ (remote)
. control processor(CP) of the CM5 system
SUN Sparc 2 (remote)
. running computing modules for calculating excitation vector [I]
Connection Machine 5
. running computation/ communication intensive modules for calculating [Y^a], [H_0^2], [M], a linear solver for [V], and [H]